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Subject:	Proposal for a DIRECTIVE OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on the energy performance of buildings (recast) - Preparation for the trilogue

In view of Coreper on 6 December, delegations will find in the Annex the updated 4column document of the above-mentioned proposal.

Proposal for a DIRECTIVE OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on the energy performance of buildings (recast) (Text with EEA relevance)

2021/0426(COD)
for Coreper 6/12/23

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
Formula				
1	2021/0426 (COD)	2021/0426 (COD)	2021/0426 (COD)	2021/0426 (COD) Text Origin: COM Proposal incl. RePowerEU
Proposal Title				
2	Proposal for a DIRECTIVE OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on the energy performance of buildings (recast) (Text with EEA relevance)	Proposal for a DIRECTIVE OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on the energy performance of buildings (recast) (Text with EEA relevance)	Proposal for a DIRECTIVE OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on the energy performance of buildings (recast) (Text with EEA relevance)	Proposal for a DIRECTIVE OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on the energy performance of buildings (recast) (Text with EEA relevance) Text Origin: COM Proposal incl. RePowerEU
Formula				
3				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	THE EUROPEAN PARLIAMENT AND THE COUNCIL OF THE EUROPEAN UNION,	THE EUROPEAN PARLIAMENT AND THE COUNCIL OF THE EUROPEAN UNION,	THE EUROPEAN PARLIAMENT AND THE COUNCIL OF THE EUROPEAN UNION,	THE EUROPEAN PARLIAMENT AND THE COUNCIL OF THE EUROPEAN UNION, Text Origin: COM Proposal incl. RePowerEU
Citation 1				
4	Having regard to the Treaty on the Functioning of the European Union, and in particular Article 194(2) thereof,	Having regard to the Treaty on the Functioning of the European Union, and in particular Article 194(2) thereof,	Having regard to the Treaty on the Functioning of the European Union, and in particular Article 194(2) thereof,	Having regard to the Treaty on the Functioning of the European Union, and in particular Article 194(2) thereof, Text Origin: COM Proposal incl. RePowerEU
Citation 2				
5	Having regard to the proposal from the European Commission,	Having regard to the proposal from the European Commission,	Having regard to the proposal from the European Commission,	Having regard to the proposal from the European Commission, Text Origin: COM Proposal incl. RePowerEU
Citation 3				
6	After transmission of the draft legislative act to the national parliaments,	After transmission of the draft legislative act to the national parliaments,	After transmission of the draft legislative act to the national parliaments,	After transmission of the draft legislative act to the national parliaments, Text Origin: COM Proposal

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				incl. RePowerEU
Citation 4				
7	Having regard to the opinion of the European Economic and Social Committee ¹ , 1. OJ C [...], [...], p. [...].	Having regard to the opinion of the European Economic and Social Committee ¹ , 1. OJ C [...], [...], p. [...].	Having regard to the opinion of the European Economic and Social Committee ¹ , 1. OJ C [...], [...], p. [...].	Having regard to the opinion of the European Economic and Social Committee ¹ , 1. OJ C [...], [...], p. [...]. Text Origin: COM Proposal incl. RePowerEU
Citation 5				
8	Having regard to the opinion of the Committee of the Regions ¹ , 1. OJ C [...], [...], p. [...].	Having regard to the opinion of the Committee of the Regions ¹ , 1. OJ C [...], [...], p. [...].	Having regard to the opinion of the Committee of the Regions ¹ , 1. OJ C [...], [...], p. [...]. does not copy the correct number of the footnote throughout the entire document, wrongly uploaded COM propal as well	Having regard to the opinion of the Committee of the Regions ¹ , 1. OJ C [...], [...], p. [...]. Text Origin: COM Proposal incl. RePowerEU
Citation 6				
9	Acting in accordance with the ordinary legislative procedure,	Acting in accordance with the ordinary legislative procedure,	Acting in accordance with the ordinary legislative procedure,	Acting in accordance with the ordinary legislative procedure, Text Origin: COM Proposal incl. RePowerEU

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Formula				
10	Whereas:	Whereas:	Whereas:	Whereas: Text Origin: COM Proposal incl. RePowerEU
Recital 1				
11	(1) Directive 2010/31/EU of the European Parliament and of the Council¹ has been substantially amended several times². Since further amendments are to be made, that Directive should be recast in the interests of clarity. 1. Directive 2010/31/EU of the European Parliament and of the Council of 19 May 2010 on the energy performance of buildings (OJ L 153, 18.6.2010, p. 13). 2. See Annex VIIIIV, Part A.	(1) Directive 2010/31/EU of the European Parliament and of the Council¹ has been substantially amended several times². Since further amendments are to be made, that Directive should be recast in the interests of clarity. 1. Directive 2010/31/EU of the European Parliament and of the Council of 19 May 2010 on the energy performance of buildings (OJ L 153, 18.6.2010, p. 13). 2. See Annex VIIIIV, Part A.	(1) Directive— 2010/31/EU— of the European Parliament and of the Council¹— has been— substantially amended— several times². Since further— amendments are to be made,— that Directive— should be recast in the interests of clarity. 1. Directive 2010/31/EU of the European Parliament and of the Council of 19 May 2010 on the energy performance of buildings (OJ L 153, 18.6.2010, p. 13). 2. See Annex ~~VIIIIV~~VIII, Part A.	
Recital 2				
12	(2) Under the Paris Agreement, adopted in December 2015 under the United Nations Framework Convention on Climate Change (UNFCCC), its Parties have agreed	(2) Under the Paris Agreement, adopted in December 2015 under the United Nations Framework Convention on Climate Change (UNFCCC), its Parties have agreed	(2) Under the Paris Agreement, adopted in December 2015 under the United Nations Framework Convention on Climate Change (UNFCCC), its Parties have agreed	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	to hold the increase in the global average temperature well below 2°C above pre-industrial levels and to pursue efforts to limit the temperature increase to 1,5 °C above pre-industrial levels. Reaching the objectives of the Paris Agreement is at the core of the Commission Communication on “The European Green Deal” of 11 December 2019¹. The Union committed itself to reduce the Union’s economy-wide net greenhouse gas emissions by at least 55 % by 2030 below 1990 levels in the updated nationally determined contribution submitted to the UNFCCC Secretariat on 17 December 2020. ¹. The European Green Deal, COM(2019) 640 final.	to hold the increase in the global average temperature well below 2°C above pre-industrial levels and to pursue efforts to limit the temperature increase to 1,5 °C above pre-industrial levels. <u>The parties to the Glasgow Climate Pact in November 2021 reaffirmed that keeping the increase in the global average temperature to 1,5°C above pre-industrial levels would significantly reduce the risks and impacts of climate change, and undertook to strengthen their 2030 targets by the end of 2022.</u> Reaching the objectives of the Paris Agreement is at the core of the Commission Communication on “The European Green Deal” of 11 December 2019¹. The Union committed itself to reduce the Union’s economy-wide net greenhouse gas emissions by at least 55 % by 2030 below 1990 levels in the updated nationally determined contribution submitted to the UNFCCC Secretariat on 17 December 2020. ¹. The European Green Deal, COM(2019) 640 final.	to hold the increase in the global average temperature well below 2°C above pre-industrial levels and to pursue efforts to limit the temperature increase to 1,5 °C above pre-industrial levels. Reaching the objectives of the Paris Agreement is at the core of the Commission Communication on “The European Green Deal” of 11 December 2019¹. The Union committed itself to reduce the Union’s economy-wide net greenhouse gas emissions by at least 55 % by 2030 below 1990 levels in the updated nationally determined contribution submitted to the UNFCCC Secretariat on 17 December 2020. ¹. The European Green Deal, COM(2019) 640 final.	
Recital 3				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
13	(3) As announced in the Green Deal, the Commission presented its Renovation Wave strategy on 14 October 2020¹. The strategy contains an action plan with concrete regulatory, financing and enabling measures, with the objective to at least double the annual energy renovation rate of buildings by 2030 and to foster deep renovations. The revision of the Energy Performance of Buildings Directive is necessary as one of the vehicles to deliver on the Renovation Wave. It will also contribute to delivering on the New European Bauhaus initiative and the European mission on climate-neutral and smart cities. ¹. A Renovation Wave for Europe - greening our buildings, creating jobs, improving lives, COM/2020/662 final.	(3) As announced in the Green Deal, the Commission presented its Renovation Wave strategy on 14 October 2020¹. The strategy contains an action plan with concrete regulatory, financing and enabling measures, with the objective to at least double the annual energy renovation rate of buildings by 2030 and to foster deep renovations <u>in more than 35 million buildings and the creation of up to 160 000 jobs in the construction sector</u>. The revision of the Energy Performance of Buildings Directive is necessary as one of the vehicles to deliver on the Renovation Wave. It will also contribute to delivering on the New European Bauhaus initiative and the European mission on climate-neutral and smart cities <u>and should follow the pathway established by the New European Bauhaus initiative as a previous phase of the Renovation Wave. The New European Bauhaus initiative is intended to foster a more inclusive society that promotes the wellbeing of all in keeping with the historical Bauhaus, which contributed to social inclusion and</u>	(3) As announced in the Green Deal, the Commission presented its Renovation Wave strategy on 14 October 2020¹. The strategy contains an action plan with concrete regulatory, financing and enabling measures, with the objective to at least double the annual energy renovation rate of buildings by 2030 and to foster deep renovations. The revision of the Energy Performance of Buildings Directive is necessary as one of the vehicles to deliver on the Renovation Wave. It will also contribute to delivering on the New European Bauhaus initiative and the European mission on climate-neutral and smart cities. ¹. A Renovation Wave for Europe - greening our buildings, creating jobs, improving lives, COM/2020/662 final.	

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		<u>the well-being of citizens, in particular worker communities. By facilitating training, networks and issuing guidelines to architects, artists, students, engineers and designers under the principles of sustainability, aesthetics, and inclusion, the New European Bauhaus initiative can empower local authorities to develop innovative and cultural solutions in creating a more sustainable built environment. Member States should support projects of the New European Bauhaus initiatives that enrich the cultural and built landscape of regions across Europe and help neighbourhoods and communities achieve the Union's climate goals.</u> 1. A Renovation Wave for Europe - greening our buildings, creating jobs, improving lives, COM/2020/662 final-	PUBLIC	
Recital 4				
14	(4) Regulation (EU) 2021/1119 of the European Parliament and of the Council ¹ , the ‘European Climate Law’, enshrines the target of economy-wide climate neutrality	(4) Regulation (EU) 2021/1119 of the European Parliament and of the Council ¹ , the ‘European Climate Law’, enshrines <u>in Union law</u> the target of economy-wide climate	(4) Regulation (EU) 2021/1119 of the European Parliament and of the Council ¹ , the ‘European Climate Law’, enshrines the target of economy-wide climate neutrality	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	by 2050 in legislation and establishes a binding Union domestic reduction commitment of net greenhouse gas emissions (emissions after deduction of removals) of at least 55 % below 1990 levels by 2030. 1. Regulation (EU) 2021/1119 of the European Parliament and of the Council of 30 June 2021 establishing the framework for achieving climate neutrality and amending Regulations (EC) No 401/2009 and (EU) 2018/1999 ('European Climate Law') (OJ L 243, 9.7.2021, p. 1).	neutrality by 2050 ~~in legislation~~ <u>at the latest, the aim of achieving</u> and establishes a binding Union domestic reduction commitment of net greenhouse gas emissions (emissions after deduction of removals) of at least 55 % below 1990 levels by 2030. 1. Regulation (EU) 2021/1119 of the European Parliament and of the Council of 30 June 2021 establishing the framework for achieving climate neutrality and amending Regulations (EC) No 401/2009 and (EU) 2018/1999 ('European Climate Law') (OJ L 243, 9.7.2021, p. 1).	by 2050 in legislation and establishes a binding Union domestic reduction commitment of net greenhouse gas emissions (emissions after deduction of removals) of at least 55 % below 1990 levels by 2030. 1. Regulation (EU) 2021/1119 of the European Parliament and of the Council of 30 June 2021 establishing the framework for achieving climate neutrality and amending Regulations (EC) No 401/2009 and (EU) 2018/1999 ('European Climate Law') (OJ L 243, 9.7.2021, p. 1).	
Recital 5				
15	(5) The “Fit for 55” legislative package announced in the European Commission 2021 Work Programme aims to implement those objectives. It covers a range of policy areas including energy efficiency, renewable energy, land use, land change and forestry, energy taxation, effort sharing, emissions trading and alternative fuels infrastructure. The revision of Directive 2010/31/EU is an integral part of that package.	(5) The “Fit for 55” legislative package announced in the ~~European~~ Commission's 2021 Work Programme aims to implement those objectives. It covers a range of policy areas including energy efficiency, renewable energy, land use, land change and forestry, energy taxation, effort sharing, emissions trading and alternative fuels infrastructure. The revision of Directive 2010/31/EU is an integral part of that package. <u>The</u>	(5) The “Fit for 55” legislative package announced in the European Commission 2021 Work Programme aims to implement those objectives. It covers a range of policy areas including energy efficiency, renewable energy, land use, land change and forestry, energy taxation, effort sharing, emissions trading and alternative fuels infrastructure. The revision of Directive 2010/31/EU is an integral part of that package.	

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		<u>communication of the Commission of 18 May 2022 entitled “REPowerEU plan” reviewed key provisions of the “Fit for 55” legislative package in light of the updated geopolitical context, requiring a revised political framework, with new legislative proposals and targeted recommendations to update the objectives, in particular by increasing ambition with regard to energy efficiency and savings and enhanced energy sovereignty, while moving away from fossil fuels. That communication also encouraged Member States to consider taxation measures to provide incentives for energy savings and reduce fossil fuels consumption, including tax deductions linked to energy savings.</u>		
Recital 5a				
15a		<u>(5a) The revision of the EPBD should be consistent with the other proposals that are part of the “Fit for 55” legislative package, such as the proposed revisions of the Directives</u>		

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		<u>2003/87/EC¹, 2012/27/EU², (EU) 2014/94/EU³ and 2018/2001⁴ of the European Parliament and of the Council.</u> <u>1. Directive 2003/87/EC of the European Parliament and of the Council of 13 October 2003 establishing a system for greenhouse gas emission allowance trading within the Union and amending Council Directive 96/61/EC (OJ L 275, 25.10.2003, p. 32).</u> <u>2. Directive 2012/27/EU of the European Parliament and of the Council of 25 October 2012 on energy efficiency, amending Directives 2009/125/EC and 2010/30/EU and repealing Directives 2004/8/EC and 2006/32/EC (OJ L 315, 14.11.2012, p. 1).</u> <u>3. Directive 2014/94/EU of the European Parliament and of the Council of 22 October 2014 on the deployment of alternative fuels infrastructure (OJ L 307, 28.10.2014, p. 1).</u> <u>4. Directive (EU) 2018/2001 of the European Parliament and of the Council of 11 December 2018 on the promotion of the use of energy from renewable sources (OJ L 328, 21.12.2018, p. 82).</u>		
Recital 5b				
15b		<u>(5b) The renovation of monuments should always be carried out in compliance with the national rules on conservation,</u>		

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		<u>international conservation standards, including the 1964 Venice Charter for the Conservation and Restoration of Monuments and Sites, and the original architecture of the monuments concerned.</u>		
Recital 5c				
15c		<u>(5c) For buildings that have historical or architectural merit, but are not officially protected, Member States should set criteria for the application of the highest energy performance class that is technically, functionally and economically feasible while maintaining the character of the building.</u>		
Recital 6				
16	(6) Buildings account for 40 % of final energy consumption in the Union and 36% of its energy-related greenhouse gas emissions . Therefore, reduction of energy consumption , in line with the energy efficiency first principle as laid down in Article 3 [revised	(6) Buildings account for 40 % of final—energy consumption in the Union— and 36% of its energy-related greenhouse gas emissions <u>while 75% of Union buildings are still energy-inefficient.</u> — ~~Therefore,~~ ~~reduction~~ <u>Natural gas plays the largest role in heating of</u>	(6) Buildings account for 40 % of final— energy consumption in the Union— and 36% of its energy-related greenhouse gas emissions—. Therefore, reduction of energy consumption—, in line with the energy efficiency first principle as laid down in Article 3 [revised	

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	EED] and defined in Article 2(18) of Regulation (EU) 2018/1999 of the European Parliament and of the Council¹ and the use of energy from renewable sources in the buildings sector constitute important measures needed to reduce the Union's greenhouse gas emissions. Reduced energy consumption and an increased use of energy from renewable sources also have an important part to play in reducing the Union's energy dependency, promoting security of energy supply and technological developments and in creating opportunities for employment and regional development, in particular in islands and rural areas. 1. Regulation (EU) 2018/1999 of the European Parliament and of the Council of 11 December 2018 on the Governance of the Energy Union and Climate Action, amending Regulations (EC) No 663/2009 and (EC) No 715/2009 of the European Parliament and of the Council, Directives 94/22/EC, 98/70/EC, 2009/31/EC, 2009/73/EC, 2010/31/EU, 2012/27/EU and 2013/30/EU of the European Parliament and of the Council, Council Directives 2009/119/EC and (EU) 2015/652 and repealing Regulation (EU) No 525/2013 of the European Parliament and of the Council (OJ L 328, 21.12.2018, p. 1).	<u>buildings, accounting for around 42% of energy consumption, in line with the energy efficiency first principle as laid down in Article 3 [revised EED] and defined in Article 2(18) of Regulation (EU) 2018/1999 of the European Parliament and of the Council¹ used for space heating in the residential sector. Oil is the second most important fossil fuel for heating, accounting for 14% and coal accounts for around 3%. Therefore, reduction of energy consumption, in line with the energy efficiency first principle, implemented in accordance with the Commission Recommendation (EU) 2021/1749¹</u> and the use of energy from renewable sources in the buildings sector constitute important measures needed to reduce ~~the Union's~~ greenhouse gas emissions <u>and energy poverty in the Union.</u>– Reduced energy consumption and an increased use of energy from renewable sources, <u>especially solar energy</u>, also have ~~an important part~~ <u>a key role</u> to play in– reducing the Union's energy dependency <u>on fossil fuel overall and on imports especially</u>, promoting security of energy	EED] and defined in Article 2(18) of Regulation (EU) 2018/1999 of the European Parliament and of the Council¹– and the use of energy from renewable sources in the buildings sector constitute important measures needed to reduce the Union's– greenhouse gas emissions.– Reduced energy consumption and an increased use of energy from renewable sources also have an important part to play in– reducing the Union's energy dependency,– promoting security of energy supply–~~and~~– and technological developments and in creating opportunities for employment and regional development, in particular in islands and– rural areas. 1. Regulation (EU) 2018/1999 of the European Parliament and of the Council of 11 December 2018 on the Governance of the Energy Union and Climate Action, amending Regulations (EC) No 663/2009 and (EC) No 715/2009 of the European Parliament and of the Council, Directives 94/22/EC, 98/70/EC, 2009/31/EC, 2009/73/EC, 2010/31/EU, 2012/27/EU and 2013/30/EU of the European Parliament and of the Council, Council Directives 2009/119/EC and (EU) 2015/652 and repealing Regulation (EU) No 525/2013 of the European Parliament and of the	

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		supply ~~and~~ <u>in line with to the objectives set out in the REPowerEU plan, integrating the energy system, contributing to system efficiency, fostering</u> technological developments and in creating opportunities for employment and regional development, in particular in islands, ~~and~~ rural areas <u>and off grid communities</u>. 1. ~~Regulation (EU) 2018/1999 of the European Parliament and of the Council of 11 December 2018 on the Governance of the Commission Recommendation (EU) 2021/1749 of 28 September 2021 on Energy Union and Climate Action, amending Regulations (EC) No 663/2009 and (EC) No 715/2009 of the European Parliament and of the Council, Directives 94/22/EC, 98/70/EC, 2009/31/EC, 2009/73/EC, 2010/31/EU, 2012/27/EU and 2013/30/EU of the European Parliament and of the Council, Council Directives 2009/119/EC and (EU) 2015/652 and repealing Regulation (EU) No 525/2013 of the European Parliament and of the Council (OJ L 328, 21.12.2018, p. 1)~~ <u>Efficiency First: from principles to practice — Guidelines and examples for its implementation in decision-making in the energy sector and beyond (OJ L 350, 4.10.2021, p. 9).</u>	Council (OJ L 328, 21.12.2018, p. 1).	
Recital 6a				

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16a		<u>(6a) The improvement of energy efficiency and energy performance of buildings through deep renovation has enormous social, economic and environmental benefits. Moreover, energy efficiency is the safest and most cost-efficient method by which to decrease the Union's dependence on energy imports and to mitigate the negative impact of high energy prices. Investments in energy efficiency should be high priority at both private and public level.</u>		
Recital 6a				
16b		<u>(6b) In order to ensure that all citizens benefit from the improved energy performance of buildings and the associated living quality, environmental, economic and health benefits, a proper regulatory, financial and advisory framework should be put in place to support building renovations. There should be a special focus on vulnerable and middle-income households, as these often live in worst-performing buildings, both</u>		

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		<u>in urban and rural areas.</u>		
Recital 6b				
16c		<u>(6c) The introduction of minimum energy performance standards, accompanied by social safeguards and financial guarantees, are intended to improve the quality of life of the most vulnerable households and the poorest citizens.</u>		EP: alignment with what agreed, language can be adapted
Recital 6c				
16d		<u>(6d) In rural areas across the Union, there is potential for renewable energy generation that helps to reduce greenhouse gas emissions and that is cost-effective in powering and heating off-grid areas, while reducing import dependency and infrastructure lock-in, and that contributes to climate mitigation and improves air quality.</u>		
Recital 7				
17	(7) Buildings are responsible for	(7) Buildings <u>and building</u>	(7) Buildings are responsible for	

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	greenhouse gas emissions before, during and after their operational lifetime. The 2050 vision for a decarbonised building stock goes beyond the current focus on operational greenhouse gas emissions. The whole life-cycle emissions of buildings should therefore progressively be taken into account, starting with new buildings. Buildings are a significant material bank, being repositories for resources over many decades, and the design options largely influence the whole life-cycle emissions both for new buildings and renovations. The whole life-cycle performance of buildings should be taken into account not only in new construction, but also in renovations through the inclusion of policies for the reduction of whole life-cycle greenhouse gas emissions in Member States' building renovation plans.	<u>elements and materials</u> are responsible for greenhouse gas emissions before, during and after their operational lifetime. The ~~2050 vision for a decarbonised building stock goes beyond the current focus on operational greenhouse gas emissions. The whole life-cycle emissions of~~ <u>whole life-cycle emissions of buildings should therefore progressively be taken into account in line with a Union methodology to be established by the Commission, starting with new, then renovated buildings, for which Member States should therefore progressively be taken into account, starting with new buildings</u> <u>establish whole life-cycle greenhouse gas emission reduction targets in accordance with that Union methodology.</u> Buildings are a significant material bank, being repositories for resources over many decades, and the design options largely influence the whole life-cycle emissions both for new buildings and renovations. The whole life-cycle performance of buildings should be taken into account not only in new construction, but also in renovations through the inclusion	greenhouse gas emissions before, during and after their operational lifetime. The 2050 vision for a decarbonised building stock goes beyond the current focus on operational greenhouse gas emissions. The whole life-cycle emissions of buildings should therefore progressively be taken into account, starting with new buildings. Buildings are a significant material bank, being repositories for resources over many decades, and the design options largely influence the whole life-cycle emissions both for new buildings and renovations. The whole life-cycle performance of buildings should be taken into account not only in new construction, but also in renovations through the inclusion of policies for the reduction of whole life-cycle greenhouse gas emissions in Member States' building renovation plans.	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		of policies ~~for the~~ <u>and</u> reduction <u>targets</u> of whole life-cycle greenhouse gas emissions in Member States' building renovation plans.		
Recital 7a				
17a		<u>(7a) A link should be made with the principles of the circular economy and the leading role of the New European Bauhaus initiative, which aims to promote greater circularity in the built environment, by promoting renovation and adaptive re-use over demolition and new build, as appropriate.</u>		
Recital 7b				
17b		<u>(7b) The introduction of requirements on whole life-cycle emissions will encourage industrial innovation and value creation, such as through an increase in the use of circular and natural materials.</u>		
Recital 7c				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
17c		<u>(7c) It is crucial to promote and include the use of more sustainable construction materials, in particular bio- and geo-sourced materials, as well as simple passive low-tech and locally tested building techniques to support and promote the use of and research into material technologies that contribute to the best possible insulation and structural support of buildings. In view of the climate crisis and the increased probability of summer heat waves, special consideration should be given to heat protection for buildings.</u>		
Recital 8				
18	(8) Minimizing the whole life-cycle greenhouse gas emissions of buildings requires resource efficiency and circularity. This can also be combined with turning parts of the building stock into a temporary carbon sink.	(8) Minimizing the whole life-cycle greenhouse gas emissions of buildings requires resource efficiency, <u>sufficiency</u>, ~~and~~ circularity. ~~This can also be combined with~~ <u>and</u> turning parts of the building stock into a ~~temporary~~ carbon sink.	(8) Minimizing the whole life-cycle greenhouse gas emissions of buildings requires resource efficiency and circularity. This can also be combined with turning parts of the building stock into a temporary carbon sink.	
Recital 8a				

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18a		<u>(8a) The fact that buildings are responsible for greenhouse gas emissions even before their operational lifetime is the consequence of the carbon already embedded within all building materials. An increase in the use of sustainably and locally sourced nature-based building materials, in line with the principles of the New European Bauhaus initiative and the internal market, has the potential to substitute for more carbon intensive materials and to store carbon in the built environment via the use of wood-based materials.</u>		
Recital 8b				
18b		<u>(8b) Sufficiency policies are measures and daily practices that avoid the demand for energy, materials, land, water, and other natural resources over the life-cycle of buildings and goods while contributing to delivering wellbeing for all within planetary boundaries. Circularity principles avoid the linear use of materials</u>		

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		<u>and goods by applying some of the sufficiency principles at the level of product and construction materials. Measures to use and extend the lifetime of secondary materials, are essential to ensure that the Union building sector contributes its fair share to the achievement of the climate neutrality objective.</u>		
Recital 8a				
18c		<u>(8c) The integration of green infrastructure, such as living roofs and walls in urban planning and infrastructure design, can be an effective tool for climate adaptation and to reduce the detrimental impacts of climate change in urban areas. Member States should encourage the installation of vegetated surfaces which help retain and detain rainwater, thus reducing urban runoff and improving storm water management. Green infrastructure also reduces the “urban heat island effect”, cooling buildings and their surroundings during summer and heat wave events.</u>		EP - important "urban heat island effect", linked to cost-optimality/climate elements

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
Recital 9				
19	(9) The global warming potential over the whole life-cycle indicates the building's overall contribution to emissions that lead to climate change. It brings together greenhouse gas emissions embodied in construction products with direct and indirect emissions from the use stage. A requirement to calculate the life-cycle global warming potential of new buildings therefore constitutes a first step towards increased consideration of the whole life-cycle performance of buildings and a circular economy.	(9) The global warming potential <u>(GWP)</u> over the whole life-cycle indicates the building's overall contribution to emissions that lead to climate change. It brings together greenhouse gas emissions embodied in construction products with direct and indirect emissions from the use stage. A requirement to calculate the life-cycle ~~global warming potential~~ <u>GWP</u> of new buildings therefore constitutes a first step towards increased consideration of the whole life-cycle performance of buildings and a circular economy. <u>This calculation should be based on a harmonised framework at Union level. The Commission should provide a clear definition of the life-cycle approach. Member States should adopt a roadmap on a reduction of the life-cycle GWP of buildings</u>	(9) The global warming potential over the whole life-cycle indicates the building's overall contribution to emissions that lead to climate change. It brings together greenhouse gas emissions embodied in construction products with direct and indirect emissions from the use stage. A requirement to calculate the life-cycle global warming potential of new buildings therefore constitutes a first step towards increased consideration of the whole life-cycle performance of buildings and a circular economy.	
Recital 9a				
19a		<u>(9a) In line with the energy</u>		

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>efficiency first principle and in order to achieve higher levels of sufficiency and resource efficiency, Member States should minimise the number of unoccupied buildings. They should encourage the deep renovation and exploitation of such buildings, through special administrative and financial measures, if cost effective, and construction, reconstruction and modification of the building which leads to lower life-cycle GWP within the lifetime of a building. In addition, a significant share of any new buildings should be carried out on brownfield sites.</u>		
Recital 9b				
19b		<u>(9b) The circular economy rules for construction materials are set out in Regulation (EU) No 305/2011 of the European Parliament and of the Council¹ together with a framework set out in Directive 2008/98/EC of the European Parliament and of the Council². Definitions, methodologies and best approaches should be provided</u>		

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>and consolidated in upcoming revision of those legislative acts to ensure a clear, consistent regulatory framework for construction materials.</u> <u>1. Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 laying down harmonised conditions for the marketing of construction products and repealing Council Directive 89/106/EEC (OJ L 88, 4.4.2011, p. 5).</u> <u>2. Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives (OJ L 312, 22.11.2008, p. 3).</u>		
Recital 10				
20	(10) Buildings are responsible for about half of primary fine particulate matter (PM2.5) emissions in the EU that cause premature death and illness. Improving energy performance of buildings can and should reduce pollutant emissions at the same time, in line with Directive (EU) 2016/2284 of the European Parliament and the Council¹. ¹. Directive (EU) 2016/2284 of the	(10) Buildings are responsible for about half of primary fine particulate matter (PM2.5) emissions in the EU that cause premature death and illness. Improving energy performance <u>and the use of nature-based solutions and sustainable materials in</u> buildings can and should reduce pollutant emissions at the same time, in line with Directive (EU) 2016/2284 of the European Parliament and the	(10) Buildings are responsible for about half of primary fine particulate matter (PM2.5) emissions in the EU that cause premature death and illness. Improving energy performance of buildings can and should reduce pollutant emissions at the same time, in line with Directive (EU) 2016/2284 of the European Parliament and the Council¹. ¹. Directive (EU) 2016/2284 of the	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	European Parliament and of the Council of 14 December 2016 on the reduction of national emissions of certain atmospheric pollutants, amending Directive 2003/35/EC and repealing Directive 2001/81/EC (OJ L 344, 17.12.2016, p.1).	Council ¹ . 1. Directive (EU) 2016/2284 of the European Parliament and of the Council of 14 December 2016 on the reduction of national emissions of certain atmospheric pollutants, amending Directive 2003/35/EC and repealing Directive 2001/81/EC (OJ L 344, 17.12.2016, p.1).	European Parliament and of the Council of 14 December 2016 on the reduction of national emissions of certain atmospheric pollutants, amending Directive 2003/35/EC and repealing Directive 2001/81/EC (OJ L 344, 17.12.2016, p.1).	
Recital 10a				
20a		<u>(10a) Management of energy demand is an important tool which enables the Union to influence the global energy market and thus the security of energy supply in the short, medium and long term.</u>		
Recital 11				
21	(11) Measures to improve further the energy performance of buildings should take into account climatic conditions, including adaptation to climate change, local conditions as well as indoor climate environment and cost-effectiveness. Those measures should not affect other requirements concerning buildings	(11) Measures to improve further the energy performance of buildings should take into account climatic—conditions,—including adaptation to climate change <u>through green infrastructures</u> , local conditions as well as indoor ~~climate environment and cost-effectiveness~~ <u>environmental quality, sufficiency and circularity</u>	(11) Measures to improve further the energy performance of buildings should take into account climatic— conditions,— including adaptation to climate change, local conditions as well as indoor climate environment and cost-effectiveness.— Those— measures should not affect other requirements concerning buildings	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	such as accessibility , fire safety and seismic safety and the intended use of the building.	<u>and energy savings, thus promoting more sustainable, inclusive and innovative ways of living in order to adapt to new needs.</u> ~~Those~~ <u>Such</u> measures should ~~not affect~~ <u>be implemented in a way that maximises the co-benefits of</u> other requirements <u>and objectives</u> concerning buildings such as accessibility–, fire safety and seismic–, <u>heating and electrical installation</u> safety and the intended use of the building. <u>Those co-benefits should be monetised in order to realistically determine the cost-optimality of further energy performance improvements. Moreover, they should ensure the improvement of the situation of vulnerable households and people living in social housing.</u>	such as accessibility–, fire safety and seismic– safety and the intended use of the building.	
Recital 11a				
21a		<u>(11a) Member States should ensure that energy performance certificates accurately reflect the climate performance of buildings.</u>		
Recital 12				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
22	(12) The energy performance of buildings should be calculated on the basis of a methodology, which may be differentiated at national and regional level. That includes, in addition to thermal characteristics, other factors that play an increasingly important role such as heating and air-conditioning installations, application of energy from renewable sources, building automation and control systems, smart solutions, passive heating and cooling elements, shading, indoor air-quality, adequate natural light and design of the building. The methodology for calculating energy performance should be based not only on the season in which heating or air-conditioning is required, but should cover the annual energy performance of a building. That methodology should take into account existing European standards. The methodology should ensure the representation of actual operating conditions and enable the use of metered energy to verify correctness and for comparability, and the methodology should be	(12) The energy performance of buildings should be calculated on the basis of a methodology, which may be ~~differentiated~~<u>supplemented</u> at national and regional <u>and local</u> level. That includes, in addition to thermal characteristics, other factors that play an increasingly important role such as heating and air-conditioning installations, application of energy from renewable sources, ~~building~~ automation and control systems, <u>heat recovery from wastewater, ventilation and cooling, energy recuperation, hydronic balancing,</u> smart solutions, ~~passive heating and cooling elements, shading,~~ indoor ~~air-quality~~<u>environmental quality</u>, adequate natural light and design of the building. The methodology for calculating energy performance should be based not only on the season in which heating ~~or~~ air-conditioning is required, but should cover the annual energy performance of a building. That methodology should take into account existing European standards. ~~The~~ methodology should ensure the representation of actual operating	(12) The energy performance of buildings should be calculated on the basis of a methodology, which may be differentiated at national and regional level. That includes, in addition to thermal characteristics, other factors that play an increasingly important role such as heating and air-conditioning installations, ~~application~~<u>use</u> of energy from renewable sources, ~~building~~ automation and control systems, smart solutions, ~~passive heating and cooling elements, shading,~~ indoor air-quality, adequate natural light and design of the building. The methodology for calculating energy performance should be based not only on the season in which heating ~~or~~ air-conditioning is required, but should cover the annual energy performance of a building. That methodology should take into account existing European standards. ~~The~~ methodology should ensure the representation of actual operating conditions and enable the use of metered energy to verify correctness and for comparability, and the methodology should be	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	based on hourly or sub-hourly time-steps. In order to encourage the use of renewable energy on-site, and in addition to the common general framework, Member States should take the necessary measures so that the benefits of maximising the use of renewable energy on-site, including for other-uses (such as electric vehicle charging points), are recognised and accounted for in the calculation methodology.	conditions and enable the use of metered energy to verify correctness and for comparability, and the methodology should be based on hourly or sub-hourly time-steps. <u><i>The methodology should also enable the on-site, remote and desktop validation of the assumptions behind the calculations, including thermal performance, materiality, system efficiency, and the configuration of controls, in the delivered building.</i></u> In order to encourage the use of renewable energy on-site, <u><i>including roof solar panels in line with the European Solar Rooftops initiative,</i></u> and in addition to the common general framework, Member States should take the necessary measures so that the benefits of maximising the use of renewable energy on-site, including for other-uses (such as electric vehicle charging points), are recognised and accounted for in the calculation methodology, <u><i>taking into account current and future grid capacity.</i></u>	based on monthly , hourly or sub-hourly time-steps. In order to encourage the use of renewable energy on-site, and in addition to the common general framework, Member States should take the necessary measures so that the benefits of maximising the use of renewable energy on-site, including for other-uses (such as electric vehicle charging points), are recognised and accounted for in the calculation methodology.	
Recital 13				
23				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	(13) Member States should set minimum requirements for the energy performance of buildings and building elements with a view to achieving the cost-optimal balance between the investments involved and the energy costs saved throughout the lifecycle of the building, without prejudice to the right of Member States to set minimum requirements which are more energy efficient than cost-optimal energy efficiency levels. Provision should be made for the possibility for Member States to review regularly their minimum energy performance requirements for buildings in the light of technical progress.	(13) Member States should set minimum requirements for the energy performance of buildings and building elements with a view to achieving the cost-optimal balance between the investments involved and the energy costs saved throughout the lifecycle of the building, without prejudice to the right of Member States to set minimum requirements which are more energy efficient than cost-optimal energy efficiency levels. Provision should be made for the possibility for Member States to review regularly their minimum energy performance requirements for buildings in the light of technical progress.	(13) Member States— should— set minimum requirements for the energy performance of buildings and building elements— with a view to achieving the cost-optimal balance between the investments involved and the energy costs saved throughout the lifecycle of the building, without prejudice to the right of Member States to set minimum requirements which are more energy efficient than cost-optimal energy efficiency levels. Provision should be made for the possibility for Member States to review regularly their minimum energy performance requirements for buildings in the light of technical progress.	
Recital 14				
24	(14) Two-thirds of the energy used for heating and cooling of buildings still comes from fossil fuels. In order to decarbonise the building sector, it is of particular importance to phase out fossil fuel in heating and cooling. Therefore, Member States should indicate their national policies and measures to phase out fossil fuels	(14) Two-thirds of the energy used for heating and cooling of buildings still comes from fossil fuels. In order to ~~decarbonise the building sector~~ <u>reach zero-emissions</u> , it is ~~of particular importance~~ <u>particularly urgent</u> to phase out fossil fuel in heating and cooling. Therefore, Member States should indicate their national	(14) Two-thirds of the energy used for heating and cooling of buildings still comes from fossil fuels. In order to decarbonise the building sector, it is of particular importance to phase out fossil fuel in heating and cooling. Therefore, Member States should indicate their national policies and measures to phase out fossil fuels	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	in heating and cooling in their building renovation plans, and no financial incentives should be given for the installation of fossil fuel boilers under the next Multiannual Financial Framework as of 2027, with the exception of those selected for investment, before 2027, under the European Regional Development Fund and on the Cohesion Fund. A clear legal basis for the ban of heat generators based on their greenhouse gas emissions or the type of fuel used should support national phase-out policies and measures.	policies and measures to phase out fossil fuels in heating and cooling in their building renovation plans, and no financial incentives should be given for the installation of fossil fuel boilers ~~under the next Multiannual Financial Framework as of 2027, with the exception of those selected for investment, before 2027, under the European Regional Development Fund and on the Cohesion Fund. A clear legal basis for the ban of heat generators~~ <u>from the entry into force of this Directive. Member States should introduce measures to ensure that the use of fossil fuel heating systems in new buildings and buildings undergoing major renovation, deep renovation, or renovation of the heating system is not authorised from the date of transposition of this Directive and phase out the use of fossil fuel based on their greenhouse gas emissions or the type of fuel used should support national phase-out policies and measures heating systems from all buildings by 2035 and if not feasible as demonstrated to the Commission, by 2040 at the latest. This will also play a key role in decreasing the</u>	in heating and cooling in their building renovation plans, and no financial incentives should be given for the installation of fossil fuel boilers under the next Multiannual Financial Framework as of ~~2027~~2025 , with the exception of those selected for investment, before ~~2027~~2025 , under the European Regional Development Fund and on the Cohesion Fund. A clear legal basis for the ban of heat generators based on their greenhouse gas emissions or the type of fuel used should support national phase-out policies and measures.	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u><i>Union's dependence on imports from third countries, lower citizens' energy bills and vulnerability to price fluctuations and halt excess air pollution limit values.</i></u>		
Recital 14a				
24a		<u><i>(14a) The renovation of heating systems involves the replacement or refurbishment of the heating generator, and it may also involve other elements of the heating system, such as pumping equipment, insulation of pipework, controls or terminal units, such as radiators or fan coils. Despite their impact on the overall efficiency of the system, the replacement or refurbishment of individual elements without involving the heat generator, should not be considered as a renovation of the heating system, since these elements are independent of the energy source used. The renovation of heating system represents an opportunity to support the decarbonisation of heating across the Union.</i></u>		

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
Recital 14b				
24b		<u>(14b) Efficient use of waste heat from domestic hot water systems represents significant energy saving opportunity. Hot water preparation is the main source of energy consumption for new buildings and normally this heat is wasted and not reused. Knowing that most of the hot water consumed comes from showers, harvesting heat from shower drains in buildings could be a simple and cost-effective way to save final energy consumption and related CO₂ and methane emissions of domestic hot water production.</u>		
Recital 14c				
24c		<u>(14c) To achieve a cost-efficient decarbonisation of the heating sector, Member States should ensure a level playing field among available technologies and support multi-vector solutions, by taking into consideration security of supply, cost-effectiveness and flexibility.</u>		

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
Recital 15				
25	(15) Energy performance requirements for technical building systems should apply to whole systems, as installed in buildings, and not to the performance of standalone components, which fall under the scope of product-specific regulations under Directive 2009/125/EC. When setting energy performance requirements for technical building systems, Member States should use, where available and appropriate, harmonised instruments, in particular testing and calculation methods and energy efficiency classes developed under measures implementing Directive 2009/125/EC of the European Parliament and of the Council¹ and Regulation (EU) 2017/1369 of the European Parliament and of the Council², with a view to ensuring coherence with related initiatives and minimise, to the extent possible, potential fragmentation of the market. 1. Directive 2009/125/EC of the European Parliament and of the Council of 21 October 2009 establishing a framework for	(15) Energy performance requirements for technical building systems should apply to whole systems, as installed in buildings, and not to the performance of standalone components, which fall under the scope of product-specific regulations under Directive 2009/125/EC <u>of the European Parliament and of the Council</u>¹. When setting energy performance requirements for technical building systems, Member States should use, where available and appropriate, harmonised instruments, in particular testing and calculation methods and energy efficiency classes developed under measures implementing Directive 2009/125/EC ~~of the European Parliament and of the Council~~¹ ~~and~~ <u>and</u> Regulation (EU) 2017/1369 of the European Parliament and of the Council², with a view to ensuring coherence with related initiatives and minimise, to the extent possible, potential fragmentation of the market.	(15) Energy performance requirements for technical building systems should apply to whole systems, as installed in buildings, and not to the performance of standalone components, which fall under the scope of product-specific regulations under Directive 2009/125/EC.– When setting energy performance requirements for technical building systems, Member States should use, where available and appropriate, harmonised instruments, in particular testing and calculation methods and energy efficiency classes developed under measures implementing Directive 2009/125/EC of the European Parliament and of the Council¹ and Regulation (EU) 2017/1369 of the European Parliament and of the Council², with a view to ensuring coherence with related initiatives and minimise, to the extent possible, potential fragmentation of the market. 1. Directive 2009/125/EC of the European Parliament and of the Council of 21 October 2009 establishing a framework for	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	the setting of ecodesign requirements for energy-related products (OJ L 285, 31.10.2009, p. 10). 2. Regulation (EU) 2017/1369 of the European Parliament and of the Council of 4 July 2017 setting a framework for energy labelling and repealing Directive 2010/30/EU (OJ L 198, 28.7.2017, p. 1).	1. Directive 2009/125/EC of the European Parliament and of the Council of 21 October 2009 establishing a framework for the setting of ecodesign requirements for energy-related products (OJ L 285, 31.10.2009, p. 10). 2. Regulation (EU) 2017/1369 of the European Parliament and of the Council of 4 July 2017 setting a framework for energy labelling and repealing Directive 2010/30/EU (OJ L 198, 28.7.2017, p. 1).	the setting of ecodesign requirements for energy-related products (OJ L 285, 31.10.2009, p. 10). 2. Regulation (EU) 2017/1369 of the European Parliament and of the Council of 4 July 2017 setting a framework for energy labelling and repealing Directive 2010/30/EU (OJ L 198, 28.7.2017, p. 1).	
Recital 16				
26	(16) This Directive is without prejudice to Articles 107 and 108 of the Treaty on the Functioning of the European Union (TFEU). The term ‘incentive’ used in this Directive should not therefore be interpreted as constituting State aid.	(16) This Directive is without prejudice to Articles 107 and 108 of the Treaty on the Functioning of the European Union (TFEU). The term ‘incentive’ used in this Directive should not therefore be interpreted as constituting State aid.	(16) This Directive is without prejudice to Articles 107 and 108 of the Treaty on the Functioning of the European Union (TFEU). The term ‘incentive’ used in this Directive should not therefore be interpreted as constituting State aid.	
Recital 17				
27	(17) The Commission should lay down a comparative methodology framework for calculating cost-optimal levels of minimum energy performance requirements. A review of this framework should enable the calculation of both energy and emission performance	(17) The Commission should lay down a comparative methodology framework for calculating cost-optimal levels of minimum energy performance requirements. – A review of ~~this~~ <u>that</u> framework should enable the calculation of both energy and emission	(17) The Commission should lay down a comparative methodology framework for calculating cost-optimal levels of minimum energy performance requirements. – A review of this framework should enable the calculation of both energy and emission performance	yellow part from doc on fossil ok

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	and should take into account environmental and health externalities, as well as the ETS extension and carbon prices. Member States should use that framework to compare the results with the minimum energy performance requirements which they have adopted. Should significant discrepancies, i.e. exceeding 15 %, exist between the calculated cost-optimal levels of minimum energy performance requirements and the minimum energy performance requirements in force, Member States should justify the difference or plan appropriate steps to reduce the discrepancy. The estimated economic lifecycle of a building or building element should be determined by Member States, taking into account current practices and experience in defining typical economic lifecycles. The results of that comparison and the data used to reach those results should be regularly reported to the Commission. Those reports should enable the Commission to assess and report on the progress of Member States in reaching cost-	performance and should take into account <u>monetisable</u> environmental, <u>social</u> and health externalities, ~~as well as the ETS extension and carbon prices.~~ Member States should use ~~that~~ <u>that</u> framework to compare the results with the minimum energy performance requirements which they have adopted. Should significant discrepancies, i.e. exceeding 15 %, exist between the calculated cost-optimal levels of minimum energy performance requirements and the minimum energy performance requirements in force, Member States should justify the difference or plan appropriate steps to reduce the discrepancy. The estimated economic lifecycle of a building or building element should be determined by Member States, taking into account current practices and experience in defining typical economic lifecycles. The results of ~~that~~ <u>that</u> comparison and the data used to reach ~~those~~ results should be regularly reported to the Commission. ~~Those~~ reports should enable the Commission to assess and report on the progress of	and should take into account environmental and health externalities, as well as the ETS extension and carbon prices. Member States should use ~~that~~ that framework to compare the results with the minimum energy performance requirements which they have adopted. Should significant discrepancies, i.e. exceeding 15 %, exist between the calculated cost-optimal levels of minimum energy performance requirements and the minimum energy performance requirements in force, Member States should justify the difference or plan appropriate steps to reduce the discrepancy. The estimated economic lifecycle of a building or building element should be determined by Member States, taking into account current practices and experience in defining typical economic lifecycles. The results of ~~that~~ that comparison and the data used to reach ~~those~~ results should be regularly reported to the Commission. ~~Those~~ reports should enable the Commission to assess and report on the progress of Member States in reaching cost-	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	optimal levels of minimum energy performance requirements.	Member States in reaching cost-optimal levels of minimum energy performance requirements. <u>In applying the comparative methodology, Member States should take into account that energy efficiency measures at building level do not include measures that imply the use of fossil fuels in new buildings, while considering a range of options, such as the supply of renewable energy on-site, including in particular heat pumps and solar technologies, via renewable energy self consumption, joint self consumption, energy sharing or the supply of renewable energy provided from an energy community, renewable and waste energy from an efficient district heating and cooling system. The discount rate used for the calculation of the cost-optimal levels of energy performance, both for the macroeconomic and financial perspective, should not exceed an annual rate of 3%. The optimisation method and the macroeconomic calculation of global costs should include the environmental and health externalities of energy use, and</u>	optimal levels of minimum energy performance requirements.	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u><i>economy-wide macroeconomic benefits in terms of, for instance, job creation and GDP.</i></u>		
Recital 18				
28	(18) Major renovations of existing buildings, regardless of their size, provide an opportunity to take cost-effective measures to enhance energy performance. For reasons of cost-effectiveness, it should be possible to limit the minimum energy performance requirements to the renovated parts that are most relevant for the energy performance of the building. Member States should be able to choose to define a ‘major renovation’ either in terms of a percentage of the surface of the building envelope or in terms of the value of the building. If a Member State decides to define a major renovation in terms of the value of the building, values such as the actuarial value, or the current value based on the cost of reconstruction, excluding the value of the land upon which the building is situated, could be used.	(18) Major renovations of existing buildings, regardless of their size, provide an opportunity to take cost-effective measures to enhance energy performance. For reasons of cost-effectiveness, it should be possible to limit the minimum energy performance requirements to the renovated parts that are most relevant for the energy performance of the building, <u><i>while encompassing heating and cooling systems.</i></u> Member States should be able to choose to define a ‘major renovation’ either in terms of a percentage of the surface of the building envelope or in terms of the value of the building. If a Member State decides to define a major renovation in terms of the value of the building, values such as the actuarial value, or the current value based on the cost of reconstruction, excluding the value of the land upon which the building is situated, could be used.	(18) Major renovations of existing buildings, regardless of their size, provide an opportunity to take cost-effective measures to enhance energy performance. For reasons of cost-effectiveness, it should be possible to limit the minimum energy performance requirements to the renovated parts that are most relevant for the energy performance of the building. Member States should be able to choose to define a ‘major renovation’ either in terms of a percentage of the surface of the building envelope or in terms of the value of the building. If a Member State decides to define a major renovation in terms of the value of the building, values such as the actuarial value, or the current value based on the cost of reconstruction, excluding the value of the land upon which the building is situated, could be used.	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
Recital 18a				
28a		<u>(18a) To ensure decent housing for all, it is necessary to define vulnerable areas or neighbourhoods associated with energy poverty in a way that allows for more accurate detection of less developed micro-areas, both rural and urban, encompassed within more developed areas. That would contribute to the identification and location of the most vulnerable social sectors and those suffering from energy poverty, and households that are exposed to high energy cost and lack the means to renovate the buildings they occupy, thus helping to fight against social inequalities that may arise from the application of the different climate action measures. Moreover, inefficient housing is a systemic cause of energy poverty, with 50 million people in the Union living in energy poverty, unable to adequately light, heat or cool their homes, and over 20% of poor households in the Union live in a</u>		

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>dwelling that has mould, damp or rot.</u>		
Recital 19				
29	(19) The enhanced climate and energy ambition of the Union requires a new vision for buildings: the zero-emission building, the very low energy demand of which is fully covered by energy from renewable sources where technically feasible. All new buildings should be zero-emission buildings, and all existing buildings should be transformed into zero-emission buildings by 2050.	(19) The enhanced climate and energy ambition of the Union requires a new vision for buildings: the zero-emission building, the very low energy demand of which is fully covered by energy from renewable sources where technically feasible. All new buildings should be zero-emission buildings, and all existing buildings should be transformed into zero-emission buildings by 2050. <u>Member States should take into account energy transition timing and social costs when they establish any target deadlines.</u>	(19) The enhanced climate and energy ambition of the Union requires a new vision for buildings: the zero-emission building, ~~the~~ with very low energy demand of which ~~is fully covered by energy from renewable sources where technically feasible,~~ zero on-site carbon emissions from fossil fuels and zero or a very low amount of operational greenhouse gas emissions. All new buildings should be zero-emission buildings by 2030 , and all existing buildings should be transformed into zero-emission buildings by 2050.	
Recital 19a				
29a			(19a) When an existing building is altered, it is not considered to be a new building.	
Recital 20				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
30	(20) Different options are available to cover the energy needs of an efficient building by energy from renewable sources: on-site renewables such as solar thermal, solar photovoltaics, heat pumps and biomass, renewable energy provided by renewable energy communities or citizen energy communities, and district heating and cooling based on renewables or waste heat.	(20) Different options are available to cover the energy needs of an efficient building by energy from renewable sources: on-site renewables such as solar thermal, <u>geothermal</u> , solar photovoltaics, heat pumps <u>hydroelectric power</u> and biomass, renewable energy provided by renewable energy communities or citizen energy communities, and district heating and cooling based on renewables or waste heat <u>recovery from waste water, sanitary hot water or air and renewable energy supplied from the energy grids</u> .	(20) Different options are available to cover the energy needs of an efficient building by energy from renewable sources: on-site renewables such as solar thermal, solar photovoltaics, heat pumps and biomass, renewable energy provided by renewable energy communities or citizen energy communities, and district heating and cooling based on renewables or waste heat.	
Recital 20a				
30a		<u>(20a) With the increased electrification of heating and increase of renewable energy generation, energy efficiency in buildings is required to avoid creating excess pressure on grid capacity and oversizing generation capacity to manage peaks in electricity demand. Energy efficiency in buildings will support the grid and reduce generation capacity needs. This</u>		

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>includes dealing with the seasonality of heating demand, which in many Member States is the main part of the energy system peak demand.</u>		
Recital 20b				
30b		<u>(20b) The Commission should assess the grid capacity that is necessary for integration of renewable energy and electrical heating solutions and identify remaining barriers to facilitate the development of renewable self-consumption, in particular those in vulnerable households.</u>		
Recital 20a				
30c				<u>(20a) Zero Emission Buildings can contribute to demand side flexibility for instance through demand management, electrical storage, thermal storage and distributed renewable generation to support a more reliable, sustainable and efficient energy system.</u> Tech. follow-up to 12 Oct Trilogue

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
Recital 21				
31	(21) The necessary decarbonisation of the Union building stock requires energy renovation at a large scale: almost 75% of that building stock is inefficient according to current building standards, and 85-95% of the buildings that exist today will still be standing in 2050. However, the weighted annual energy renovation rate is persistently low at around 1%. At the current pace, the decarbonisation of the building sector would require centuries. Triggering and supporting building renovation, including a shift towards emission-free heating systems, is therefore a key goal of this Directive.	(21) The necessary decarbonisation of the Union building stock requires energy renovation at a large scale: almost 75% of that building stock is inefficient according to current building standards, and 85-95% of the buildings that exist today will still be standing in 2050. However, the weighted annual energy renovation rate is persistently low at around 1%. At the current pace, the decarbonisation of the building sector would require centuries. Triggering and supporting building renovation <u>to at least triple the current renovation rate</u>, including a shift towards emission-free heating systems, is therefore a key goal of this Directive. <u>Supporting renovations at district level, including through industrial or serial type renovations, offers benefits by stimulating the volume and depth of building renovations and will lead to a quicker and cheaper decarbonisation of the building stock.</u>	(21) The necessary decarbonisation of the Union building stock requires energy renovation at a large scale: almost 75% of that building stock is inefficient according to current building standards, and 85-95% of the buildings that exist today will still be standing in 2050. However, the weighted annual energy renovation rate is persistently low at around 1%. At the current pace, the decarbonisation of the building sector would require centuries. Triggering and supporting building renovation, including a shift towards emission-free heating systems, is therefore a key goal of this Directive.	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
Recital 22				
32	(22) Minimum energy performance standards are the essential regulatory tool to trigger renovation of existing buildings on a large scale, as they tackle the key barriers to renovation such as split incentives and co-ownership structures, which cannot be overcome by economic incentives. The introduction of minimum energy performance standards should lead to a gradual phase-out of the worst-performing buildings and a continuous improvement of the national building stock, contributing to the long-term goal of a decarbonised building stock by 2050.	(22) Minimum energy performance standards are the essential regulatory tool to trigger renovation of existing buildings on a large scale, as they tackle the key barriers to renovation such as split incentives and co-ownership structures, which cannot be overcome by economic incentives. The introduction of minimum energy performance standards should lead to a gradual phase-out of the worst-performing buildings and a continuous improvement of the national building stock, contributing to the long-term goal of a decarbonised building stock by 2050.	(22) Minimum energy performance standards are the essential regulatory tool to trigger renovation of existing buildings on a large scale, as they tackle the key barriers to renovation such as split incentives and co-ownership structures, which cannot be overcome by economic incentives. The introduction of minimum energy performance standards should lead to a gradual phase-out of the worst-performing buildings and a continuous improvement of the national building stock, contributing to the long-term goal of a decarbonised building stock by 2050.	
Recital 23				
33	(23) Minimum energy performance standards set at Union level should focus on the renovation of the buildings with the highest potential in terms of decarbonisation, energy poverty alleviation and extended social and economic benefits, in particular on the very worst-performing	(23) Minimum energy performance standards set at Union level should focus on the renovation of the buildings with the highest potential in terms of decarbonisation, energy poverty alleviation and extended social and economic benefits, in particular on the very worst-performing	(23) Minimum energy performance standards for non-residential buildings should be set at Union level and should focus on the renovation of the worst-performing buildings, which have ~~with the highest potential in terms of decarbonisation, energy poverty alleviation and extended social and~~	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	buildings, which need to be renovated as a priority.	buildings, which need to be renovated as a priority.	economic benefits, in particular on the very worst performing buildings, which and therefore need to be renovated as a priority.	
Recital 23a				
33a		<u>(23a) The Commission should publish a summary report on the situation and progress of the Union building stock at local, regional and national level, in particular regarding the worst-performing buildings in order to focus efforts and investments appropriately.</u>		
Recital 23a				
33b			(23a) For residential buildings, Member States should have the flexibility to design minimum energy performance standards at the national level, adapted to national conditions and based on a national trajectory with intermediate milestones for the average energy performance of the residential building stock. Having different ownership structures, there is a need to	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
			allow for a separate treatment of single-family houses, when establishing minimum energy performance standards in the residential sector so that Member States are able to choose the best approach to focus on this sector.	
Recital 24				
34	(24) As regards the rest of the national building stock, Member States are free to decide whether they wish to introduce minimum energy performance standards, designed at national level and adapted to national conditions. When reviewing this Directive, the Commission should assess whether further binding minimum energy performance standards need to be introduced in order to achieve a decarbonised building stock by 2050.	(24) ~~As regards the rest of the national building stock, Member States are free to decide whether they wish to introduce minimum energy performance standards, designed at national level and adapted to national conditions~~ <u>Minimum energy performance standards should create a pathway, supported by financial mechanisms, for the progressive increase of energy performance classes of buildings, in particular with regards to rural and isolated areas.</u> When reviewing this Directive, the Commission should assess whether further binding minimum energy performance standards need to be introduced in order to achieve a decarbonised building stock by	(24) As regards the rest of the national building stock, Member States are free to decide whether they wish to introduce minimum energy performance standards, designed at national level and adapted to national conditions. When reviewing this Directive, the Commission should assess whether further binding minimum energy performance standards need to be introduced in order to achieve a decarbonised building stock by 2050.	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		2050.		
Recital 24a				
34a		<u>(24a) This Directive should be consistent with the basic principles of the property and tenancy law of the Member States.</u>		
Recital 25				
35	(25) The introduction of minimum energy performance standards should be accompanied by an enabling framework including technical assistance and financial measures. Minimum energy performance standards set at national level do not amount to “Union standards” within the meaning of State aid rules, while Union-wide minimum energy performance standards might be considered constituting such “Union standards”. In line with revised State aid rules, Member States may grant State aid to building renovation to comply with the Union-wide energy performance standards, namely to achieve a certain energy	(25) The introduction of minimum energy performance standards should be accompanied by an enabling framework including technical assistance and financial measures <u>as well as policies that aim to enhance the skills of workers in the construction and renovation sector</u> . Minimum energy performance standards set at national level do not amount to “Union standards” within the meaning of State aid rules, while Union-wide minimum energy performance standards might be considered constituting such “Union standards”. In line with revised State aid rules, Member States may grant State aid to building renovation to comply with	(25) The introduction of minimum energy performance standards should be accompanied by an enabling framework including technical assistance and financial measures. Minimum energy performance standards set at national level do not amount to “Union standards” within the meaning of State aid rules, while Union-wide minimum energy performance standards might be considered constituting such “Union standards”. In line with revised State aid rules, Member States may grant State aid to building renovation to comply with the Union-wide energy performance standards, namely to achieve a certain energy	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	performance class, until those Union-wide standards become mandatory. Once the standards are mandatory, Member States may continue to grant State aid for the renovation of buildings and building units falling under the Union-wide energy performance standards as long as the building renovation aims at a higher standard than the specified minimum energy performance class.	the Union-wide energy performance standards, namely to achieve a certain energy performance class, until those Union-wide standards become mandatory. Once the standards are mandatory, Member States may continue to grant State aid for the renovation of buildings and building units falling under the Union-wide energy performance standards as long as the building renovation aims at a higher standard than the specified minimum energy performance class.	performance class, until those Union-wide standards become mandatory. Once the standards are mandatory, Member States may continue to grant State aid for the renovation of buildings and building units falling under the Union-wide energy performance standards as long as the building renovation aims at a higher standard than the specified minimum energy performance class.	
Recital 26				
36	(26) The EU Taxonomy classifies environmentally sustainable economic activities across the economy, including for the building sector. Under the EU Taxonomy Climate Delegated Act, building renovation is considered a sustainable activity where it achieves at least 30% energy savings, complies with minimum energy performance requirements for major renovation of existing buildings, or consists of individual	(26) The EU Taxonomy classifies environmentally sustainable economic activities across the economy, including for the building sector. Under the EU Taxonomy Climate Delegated Act, building renovation is considered a sustainable activity where it achieves at least 30% energy savings, complies with minimum energy performance requirements for major renovation of existing buildings, or consists of individual	(26) The EU Taxonomy classifies environmentally sustainable economic activities across the economy, including for the building sector. Under the EU Taxonomy Climate Delegated Act, building renovation is considered a sustainable activity where it achieves at least 30% energy savings, complies with minimum energy performance requirements for major renovation of existing buildings, or consists of individual	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	measures related to the energy performance of buildings, such as the installation, maintenance or repair of energy efficiency equipment or of instruments and devices for measuring, regulating and controlling the energy performance of buildings, where such individual measures comply with the criteria set out. Building renovation to comply with Union-wide minimum energy performance standards is typically in line with the EU Taxonomy criteria related to building renovation activities.	measures related to the energy performance of buildings, such as the installation, maintenance or repair of energy efficiency equipment or of instruments and devices for measuring, regulating and controlling the energy performance of buildings, where such individual measures comply with the criteria set out. Building renovation to comply with Union-wide minimum energy performance standards is typically in line with the EU Taxonomy criteria related to building renovation activities.	measures related to the energy performance of buildings, such as the installation, maintenance or repair of energy efficiency equipment or of instruments and devices for measuring, regulating and controlling the energy performance of buildings, where such individual measures comply with the criteria set out. Building renovation to comply with Union-wide minimum energy performance standards is typically in line with the EU Taxonomy criteria related to building renovation activities.	
Recital 27				
37	(27) The Union-wide minimum energy performance standards should be based on harmonised energy performance classes. By defining the lowest energy performance class G as the worst-performing 15% of each Member State's national building stock, the harmonisation of energy performance classes ensures similar efforts by all Member States, while the definition of the best energy performance class A	(27) The Union-wide minimum energy performance standards should be based on harmonised energy performance classes. By defining the lowest energy performance class G as the worst-performing 15% of each Member State's national building stock, the harmonisation of energy performance classes ensures similar efforts by all Member States, while the definition of the best energy performance class A	<i>deleted</i>	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	ensures the convergence of the harmonised energy performance class scale towards the common vision of zero-emission buildings.	ensures the convergence of the harmonised energy performance class scale towards the common vision of zero-emission buildings.		
<i>Recital 28</i>				
38	(28) Minimum energy performance requirements for existing buildings and building elements were already contained in the predecessors of this Directive and should continue to apply. While the newly introduced minimum energy performance standards set a floor for the minimum energy performance of existing buildings and ensure that renovation of inefficient buildings takes place, minimum energy performance requirements for existing buildings and building elements ensure the necessary depth of renovation when a renovation takes place.	(28) Minimum energy performance requirements for existing buildings and building elements were already contained in the predecessors of this Directive and should continue to apply. While the newly introduced minimum energy performance standards set a floor for the minimum energy performance of existing buildings and ensure that renovation of inefficient buildings takes place, minimum energy performance requirements for existing buildings and building elements ensure the necessary depth of renovation when a renovation takes place.	(28) Minimum energy performance requirements for existing buildings and building elements were already contained in the predecessors of this Directive and should continue to apply. While the newly introduced minimum energy performance standards set a floor for the minimum energy performance of existing buildings and ensure that renovation of inefficient buildings takes place, minimum energy performance requirements for existing buildings and building elements ensure the necessary depth of renovation when a renovation takes place.	
<i>Recital 28a</i>				
38a	(28a) There is an urgent need to reduce the dependence on fossil fuels in buildings and to accelerate	(28a) There is an urgent need to reduce the dependence on fossil fuels in buildings and to accelerate	(28a) There is an urgent need to reduce the dependence on fossil fuels in buildings and to accelerate	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	efforts to decarbonise and electrify their energy consumption. In order to enable the cost-effective installation of solar technologies at a later stage, all new buildings should be "solar ready", that is, designed to optimise the solar generation potential on the basis of the site's solar irradiance, enabling the fruitful installation of solar technologies without costly structural interventions. In addition, Member States should ensure the deployment of suitable solar installations on new buildings, both residential and non-residential, and on existing non-residential buildings. Large scale deployment of solar energy on buildings would make a major contribution to shielding more effectively consumers from increasing and volatile prices of fossil fuels, reduce the exposure of vulnerable citizens to high energy costs and result in wider environmental, economic and social benefits. In order to efficiently exploit the potential of solar installations on buildings, Member States should define criteria for the implementation of, and possible exemptions from, the	efforts to decarbonise and electrify their energy consumption. In order to enable the cost-effective installation of solar technologies at a later stage, all new buildings should be ~~"solar ready"~~, that is, designed to optimise the solar generation potential on the basis of the site's solar irradiance, enabling the ~~fruitful~~ installation of solar technologies without costly structural interventions. In addition, Member States should ensure the deployment of suitable solar installations on new buildings, both residential and non-residential, and on existing non-residential buildings. ~~Large scale~~ <u>Large-scale</u> deployment of solar energy on buildings would ~~make a major contribution~~ <u>greatly contribute</u> to shielding more effectively consumers from increasing and volatile prices of fossil fuels, reduce the exposure of vulnerable ~~citizens~~ <u>households</u> to high energy costs and result in wider environmental, economic and social benefits. In order to efficiently exploit the potential of solar installations on buildings, Member States should define criteria for the implementation of,	efforts to decarbonise and electrify their energy consumption. In order to enable the cost-effective installation of solar technologies at a later stage, all new buildings should be "solar ready", that is, designed to optimise the solar generation potential on the basis of the site's solar irradiance, enabling the fruitful installation of solar technologies without costly structural interventions. In addition, Member States should ensure the deployment of suitable solar installations on new buildings, both residential and non-residential, and on existing non-residential buildings. Large scale deployment of solar energy on buildings would make a major contribution to shielding more effectively consumers from increasing and volatile prices of fossil fuels, reduce the exposure of vulnerable citizens to high energy costs and result in wider environmental, economic and social benefits. In order to efficiently exploit the potential of solar installations on buildings, Member States should define criteria for the implementation of, and possible exemptions from, the	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	deployment of solar installations on buildings in line with the assessed technical and economic potential of the solar energy installations and the characteristics of the buildings covered by this obligation. Recital 25, Commission proposal of 18.5.2022, COM(2022) 222 final	and possible exemptions from, the deployment of solar installations on buildings in line with the assessed technical and economic potential of the solar energy installations and the characteristics of the buildings covered by this obligation.	deployment of solar installations on buildings in line with the assessed technical and economic potential of the solar energy installations and the characteristics of the buildings covered by this obligation, also taking into account the principle of technology neutrality and the combination of solar installations with other roof uses, such as green roofs or other building services installations. As the obligation to deploy solar installations on individual buildings depends on the criteria specified by Member States, the provisions on solar energy on buildings do not qualify as a "Union standard" within the meaning of State aid rules.	
Recital 28a				
G 38b				<u>(28b) It should be possible for Member States to encourage, through information, appropriate administrative procedures or other measures set out in their national building renovation plans, the deployment of suitable solar energy installations in</u>

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				<u>combination with the renovation of the building envelope, with the replacement of technical building systems, with the installation of recharging infrastructure for electric vehicles, of heat pumps or of building automation and control systems.</u> Trilogue 12 October
Recital 28c				
38c			(28c) Member States should be responsible for the classification of buildings as residential and non-residential, including mixed-use buildings, in accordance with this Directive.	
Recital 28b				
38d		<u>(28b) This Directive should take full account of the communication of the Commission of 18 May 2022 entitled “EU Solar Energy Strategy” and in particular its European Solar Rooftops initiative. Solar photovoltaics and solar thermal technologies should be rolled-out rapidly to benefit</u>		

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>both the climate and the finances of citizens and businesses.</u> <u>Member States should establish robust support frameworks for rooftop systems, including in combination with energy storage and heat-pumps, based on predictable payback times that should be shorter than 10 years.</u> <u>The Member States should implement the measures as a priority, using available Union funding, in particular the new REPowerEU chapters of their Recovery and Resilience Plans.</u> <u>The Commission should monitor progress in the implementation of the European Solar Rooftops initiative on an annual basis, with the European Parliament, the Member States and the sector's stakeholders.</u>		
Recital 28b				
38e				<u>(28b) The electrification of buildings, such as through the deployment of heat pumps, solar installations, batteries and recharging infrastructure, brings along changed risks with regard to the fire safety of buildings,</u>

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				<u>which need to be addressed by Member States. As regards fire safety in car parks, the Commission should publish non-binding guidance for Member States.</u> Trilogue 12 October
Recital 29				
39	(29) To achieve a highly energy efficient and decarbonised building stock and the transformation of existing buildings into zero-emission buildings by 2050, Member States should establish national building renovation plans, which replace the long-term renovation strategies and become an even stronger, fully operational planning tool for Member States, with a stronger focus on financing and ensuring that appropriately skilled workers are available for carrying out building renovations. In their building renovation plans, Member States should set their own national building renovation targets. In line with Article 21(b)(7) of Regulation (EU) 2018/1999 and with the enabling	(29) To achieve a highly energy efficient and decarbonised building stock and the transformation of existing buildings into zero-emission buildings by 2050, Member States should establish national building renovation plans, which replace the long-term renovation strategies and become an even stronger, fully operational planning tool for Member States, with a stronger focus on financing and ensuring that appropriately skilled workers are available for carrying out building renovations, <u>as well as on tackling energy poverty, ensuring electrical and fire safety and improving the energy performance of worst-performing buildings.</u> In their building renovation plans, Member	(29) To achieve a highly energy efficient and decarbonised building stock and the transformation of existing buildings into zero-emission buildings by 2050, Member States should establish national building renovation plans, which replace the long-term renovation strategies and become an even stronger, fully operational planning tool for Member States, with a stronger focus on financing and ensuring that appropriately skilled workers are available for carrying out building renovations. In their building renovation plans, Member States should set their own national building renovation targets. In line with Article 21(b)(7) of Regulation (EU) 2018/1999 and with the enabling	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	conditions set under Regulation (EU) 2021/60 of the European Parliament and of the Council¹, Member States should provide an outline of financing measures, as well as an outline of the investment needs and the administrative resources for the implementation of their building renovation plans. 1. Regulation (EU) 2021/1060 of the European Parliament and of the Council of 24 June 2021 laying down common provisions on the European Regional Development Fund, the European Social Fund Plus, the Cohesion Fund, the Just Transition Fund and the European Maritime, Fisheries and Aquaculture Fund and financial rules for those and for the Asylum, Migration and Integration Fund, the Internal Security Fund and the Instrument for Financial Support for Border Management and Visa Policy (OJ L 231, 30.6.2021, p. 159).	States should set their own national building renovation targets. In line with Article 21(b)(7) of Regulation (EU) 2018/1999 and with the enabling conditions set under Regulation (EU) 2021/60 of the European Parliament and of the Council¹, Member States should provide an outline of financing measures, as well as an outline of the investment needs and the administrative resources for the implementation of their building renovation plans. <u><i>Member States should consider using Union funding and financing mechanisms, in particular, the Resilience and Recovery Facility established by Regulation (EU) 2021/241 of the European Parliament and of the Council² structural and cohesion funds and the Social Climate Fund established by Regulation (EU) .../... of the European Parliament and of the Council [regulation of the European Parliament and of the Council establishing a Social Climate Fund as proposed by COM(2021)0568³, to fund the implementation of their building renovation plans.</i></u>	conditions set under Regulation (EU) 2021/60 of the European Parliament and of the Council¹, Member States should provide an outline of financing measures, as well as an outline of the investment needs and the administrative resources for the implementation of their building renovation plans. 1. Regulation (EU) 2021/1060 of the European Parliament and of the Council of 24 June 2021 laying down common provisions on the European Regional Development Fund, the European Social Fund Plus, the Cohesion Fund, the Just Transition Fund and the European Maritime, Fisheries and Aquaculture Fund and financial rules for those and for the Asylum, Migration and Integration Fund, the Internal Security Fund and the Instrument for Financial Support for Border Management and Visa Policy (OJ L 231, 30.6.2021, p. 159).	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		1. Regulation (EU) 2021/1060 of the European Parliament and of the Council of 24 June 2021 laying down common provisions on the European Regional Development Fund, the European Social Fund Plus, the Cohesion Fund, the Just Transition Fund and the European Maritime, Fisheries and Aquaculture Fund and financial rules for those and for the Asylum, Migration and Integration Fund, the Internal Security Fund and the Instrument for Financial Support for Border Management and Visa Policy (OJ L 231, 30.6.2021, p. 159). <u>2. Regulation (EU) 2021/241 of the European Parliament and of the Council of 12 February 2021 establishing the Recovery and Resilience Facility (OJ L 57, 18.2.2021, p. 17).</u> <u>3. Regulation (EU).../... [Regulation of the European Parliament and of the Council establishing a Social Climate Fund as proposed by COM(2021)0568].</u>		
Recital 29a				
39a		<u>(29a) In order to ensure that the Union's workforce is fully prepared to actively work towards the achievement of the Union climate objectives, Member States should aim to lower gender disparity in the construction and building sector, including through their national energy and climate plans.</u>		<u>(29a) In order to ensure that the Union's workforce is fully prepared to actively work towards the achievement of the Union climate objectives, Member States should encourage under-represented groups to train and work in the construction and building sector.</u>

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				Tech. follow-up to 12 Oct Trilogue
Recital 30				
40	(30) The national building renovation plans should be based on a harmonised template in order to ensure comparability of plans. In order to ensure the required ambition, the Commission should assess the draft plans and issue recommendations to Member States.	(30) The national building renovation plans should be based on a harmonised template in order to ensure comparability of plans. In order to ensure the required ambition, the Commission should assess the draft plans and issue recommendations to Member States.	(30) The national building renovation plans should be based on a harmonised template in order to ensure comparability of plans. In order to ensure the required ambition, the Commission should assess the draft plans and issue recommendations to Member States.	
Recital 31				
41	(31) The national building renovation plans should be closely linked with the integrated national energy and climate plans under Regulation (EU) 2018/1999, and progress in achieving the national targets and the contribution of the building renovation plans to national and Union targets should be reported as part of the biennial reporting under Regulation (EU) 2018/1999. Considering the urgency to scale up renovation based on solid national plans, the date for the submission of the first	(31) The national building renovation plans should be closely linked with the integrated national energy and climate plans under Regulation (EU) 2018/1999, and progress in achieving the national targets and the contribution of the building renovation plans to national and Union targets should be reported as part of the biennial reporting under Regulation (EU) 2018/1999. Considering the urgency to scale up renovation based on solid national plans, the date for the submission of the first	(31) The national building renovation plans should be closely linked with the integrated national energy and climate plans under Regulation (EU) 2018/1999, and progress in achieving the national targets and the contribution of the building renovation plans to national and Union targets should be reported as part of the biennial reporting under Regulation (EU) 2018/1999. Considering the urgency to scale up renovation based on solid national plans, the date for the submission of the first	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	national building renovation plan should be set as early as possible.	national building renovation plan should be set as early as possible.	national building renovation plan should be set as early as possible.	
Recital 32				
42	(32) Staged renovation can be a solution to address the issues of high upfront costs and hassle for the inhabitants that may occur when renovating ‘in one go’. However, such staged renovation needs to be carefully planned in order to avoid that one renovation step precludes necessary subsequent steps. Renovation passports provide a clear roadmap for staged renovation, helping owners and investors plan the best timing and scope for interventions. Therefore, renovation passports should be made available as a voluntary tool to building owners across all Member States.	(32) Staged <u>deep</u> renovation can be a solution to address ~~the issues of~~ high upfront costs and hassle for the inhabitants that may occur when renovating ‘in one go’ <u>and can allow for less disruptive and more cost-efficient renovation measures</u>. However, such staged <u>deep</u> renovation needs to be carefully planned in order to avoid that one renovation step precludes necessary subsequent steps. <u>One-step deep renovation can be more cost-effective and result in lower carbon budget options to achieve a fully decarbonised and zero-emitting Union building stock. One-step deep and staged deep renovations are both valid options for deep renovations as differing factors need consideration, when determining most suitable solutions for decarbonisation, such as cost-effectiveness, resulting carbon budget, building use, renovation time, existing condition of the building, extent of</u>	(32) Staged renovation can be a solution to address the issues of high upfront costs and hassle for the inhabitants that may occur when renovating ‘in one go’. However, such staged renovation needs to be carefully planned in order to avoid that one renovation step precludes necessary subsequent steps. Renovation passports provide a clear roadmap for staged renovation, helping owners and investors plan the best timing and scope for interventions. Therefore, renovation passports should be made available as a voluntary tool to building owners across all Member States.	(32) <u>A</u> staged <u>deep</u> renovation can be a solution to address ~~the issues of~~ high upfront costs and hassle for the inhabitants that may occur when renovating ‘in one go’ <u>and can allow for less disruptive and more financially feasible renovation measures</u>. However, such staged <u>deep</u> renovation needs to be carefully planned in order to avoid that one renovation step precludes necessary subsequent steps. <u>One-step deep renovation can be more cost-effective and result in less emissions linked to the renovation than staged renovation</u>. Renovation passports provide a clear roadmap for staged ~~renovation~~ <u>deep renovations</u>, helping owners and investors plan the best timing and scope for interventions. Therefore, renovation passports should be <u>encouraged and</u> made available as a voluntary tool to building owners across all Member States. <u>Member States should ensure that</u>

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>renovations and primary energy supply of a building.</u> Renovation passports provide a clear roadmap for staged <u>deep</u> renovation, helping owners and investors plan the best timing and scope for interventions. Therefore, renovation passports should be <u>encouraged and</u> made available as a voluntary tool to building owners across all Member States. <u>Member States should ensure that renovation passports do not create disproportionate burdens for the parties involved and are accompanied by adequate financial support for vulnerable households, in particular where the dwelling is their only residential property.</u>		<u>renovation passports do not create a disproportionate burden [and are accompanied by adequate financial support for vulnerable households].</u> bracketed provision
Recital 32a				
G 42a				<u>(32aa) There are some synergies between renovation passports and energy performance certificates, in particular as regards the assessment of the current performance of the building and the recommendations for its improvement. In order to reap those synergies and reduce costs for building owners, Member</u>

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				<u>States should be able to allow the renovation passport and the energy performance certificate to be drawn up jointly by the same expert and issued together, in which case the renovation passport should substitute the recommendations in the energy performance certificate. It should nonetheless always remain possible to obtain an energy performance certificate without a renovation passport.</u> Compromise following 6 June trilogue
Recital 32b				
42b		<u>(32a) Long-term contracts are an important instrument to stimulate staged renovation. Member States should introduce mechanisms that allow the establishment of long-term contracts over the various stages of staged renovation. Where new and more effective incentives become available during the various stages of the renovation, access to those new incentives should be ensured by allowing beneficiaries to switch to new incentives.</u>		<u>(32a) Long-term contracts are an important instrument to stimulate staged renovation. Member States may introduce mechanisms that allow the establishment of long-term contracts over the various stages of staged renovation. Where new and more effective incentives become available during the various stages of the renovation, access to those new incentives may be ensured by allowing beneficiaries to switch to new incentives.</u>

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				Trilogue 12 October
Recital 33				
43	(33) The concept of ‘deep renovation’ has not yet been defined in Union legislation. With a view to achieving the long-term vision for buildings, deep renovation should be defined as a renovation that transforms buildings into zero-emission buildings; in a first step, as a renovation that transforms buildings into nearly zero-energy buildings. This definition serves the purpose of increasing the energy performance of buildings. A deep renovation for energy performance purposes is a prime opportunity to address other aspects such as living conditions of vulnerable households, increasing climate resilience, resilience against disaster risks including seismic resilience, fire safety, the removal of hazardous substances including asbestos, and accessibility for persons with disabilities.	(33) The concept of ‘deep renovation’ has not yet been defined in Union ~~legislation~~<u>law</u>. With a view to achieving the long-term vision for buildings, deep renovation should be defined as a renovation that transforms buildings into zero-emission buildings; in a first step, as a renovation that transforms buildings into nearly zero-energy buildings. This definition serves the purpose of increasing the energy performance of buildings. A deep renovation for energy performance purposes is a prime opportunity to address other aspects such as <u>indoor environmental quality</u>, living conditions of vulnerable households, <u>sufficiency and circularity</u>, increasing climate resilience, <u>improving environmental and health standards</u> resilience against disaster risks including seismic resilience, fire <u>and electrical</u>	(33) The concept of ‘deep renovation’ has not yet been defined in Union legislation. With a view to achieving the long-term vision for buildings, deep renovation should be defined as a renovation that transforms buildings into zero-emission buildings; in a first step, as a renovation that transforms buildings into nearly zero-energy buildings. This definition serves the purpose of increasing the energy performance of buildings. A deep renovation for energy performance purposes ~~is~~may also be a prime opportunity to address other aspects such as living conditions of vulnerable households, increasing climate resilience, resilience against disaster risks including seismic resilience, fire safety, the removal of hazardous substances including asbestos, and accessibility for persons with disabilities.	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		safety, the removal of hazardous substances including asbestos, and accessibility for persons with disabilities, <u>and enhancing carbon sinks, such as vegetated surfaces.</u>		
Recital 33a				
43a		<u>(33a) A deep renovations standard, if accompanied by adequate support and information, including technical assistance and training, can be a way to achieve higher emissions reduction. Local policymakers play an enabling role in designing the energy renovation market through local regulations, driving phase-out of inefficient heating and cooling systems, managing public procurement processes, and developing public-private partnerships. Renovations must be carried out to a high standard to effectively reduce emissions and avoid performance gaps that can make the targets harder to reach in the medium term.</u>		
Recital 34				
44				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	(34) In order to foster deep renovation, which is one of the goals of the Renovation Wave strategy, Member States should give enhanced financial and administrative support to deep renovation.	(34) In order to foster deep <u>and staged deep</u> renovation, which is one of the goals of the Renovation Wave strategy, Member States should ~~give enhanced~~ <u>reserve the highest support level of</u> financial and administrative support to <u>the deep renovation of worst-performing buildings with a single dwelling</u> .	(34) In order to foster deep renovation, which is one of the goals of the Renovation Wave strategy, Member States should give enhanced financial and administrative support to deep renovation.	
Recital 35				
45	(35) Member States should support energy performance upgrades of existing buildings that contribute to achieving a healthy indoor environment, including through the removal of asbestos and other harmful substances, preventing the illegal removal of harmful substances, and facilitating compliance with existing legislative acts such as Directives 2009/148/EU¹ and (EU) 2016/2284² of the European Parliament and of the Council. ¹. Directive 2009/148/EC of the European Parliament and of the Council of 30 November 2009 on the protection of workers from the risks related to exposure to asbestos at work (OJ L 330, 16.12.2009,	(35) Member States should support energy performance upgrades of existing buildings that contribute to achieving ~~a~~ <u>environmental quality</u>, including ~~through~~ <u>healthy and affordable living space</u>, the removal of asbestos and other harmful substances, preventing the illegal removal of harmful substances, and facilitating compliance with existing legislative acts such as Directives 2009/148/EU¹ and (EU) 2016/2284² of the European Parliament and of the Council. ¹. Directive 2009/148/EC of the European Parliament and of the Council of 30	(35) Member States should support energy performance upgrades of existing buildings that contribute to achieving a healthy indoor environment, including through the removal of asbestos and other harmful substances, preventing the illegal removal of harmful substances, and facilitating compliance with existing legislative acts such as Directives 2009/148/EU¹ and (EU) 2016/2284² of the European Parliament and of the Council. ¹. Directive 2009/148/EC of the European Parliament and of the Council of 30 November 2009 on the protection of workers from the risks related to exposure to asbestos at work (OJ L 330, 16.12.2009,	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	p. 28). 2. Directive (EU) 2016/2284 of the European Parliament and of the Council of 14 December 2016 on the reduction of national emissions of certain atmospheric pollutants, amending Directive 2003/35/EC and repealing Directive 2001/81/EC (OJ L 344, 17.12.2016, p. 1).	November 2009 on the protection of workers from the risks related to exposure to asbestos at work (OJ L 330, 16.12.2009, p. 28). 2. Directive (EU) 2016/2284 of the European Parliament and of the Council of 14 December 2016 on the reduction of national emissions of certain atmospheric pollutants, amending Directive 2003/35/EC and repealing Directive 2001/81/EC (OJ L 344, 17.12.2016, p. 1).	p. 28). 2. Directive (EU) 2016/2284 of the European Parliament and of the Council of 14 December 2016 on the reduction of national emissions of certain atmospheric pollutants, amending Directive 2003/35/EC and repealing Directive 2001/81/EC (OJ L 344, 17.12.2016, p. 1).	
Recital 35a				
45a		<u><i>(35a) Integrated district or neighbourhood approaches allow for overall renovation concepts for buildings that are spatially related such as housing blocks. Such approaches to renovations offer multiple solutions at a larger scale. Integrated renovation plans can adopt a more holistic approach, which addresses the broader community ecosystem, such as transport needs and appropriate sustainable energy sources, including on-site and nearby renewables or district heating and cooling. Such plans allow for increased cost effectiveness of the works required, enhance connections between modes of transport and</i></u>		

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>take account of existing infrastructure for the purpose of system optimisation as well as the preservation of cultural heritage. Therefore, this Directive should promote the wider use of integrated, participative and district-related approaches, which allow for synergies and potential energy savings that would remain untapped if the focus were exclusively on individual buildings. Integrated renovation plans can also lead to benefits such as improved air quality, a reduction in district emissions, and a large-scale alleviation of energy poverty. Districts should be established by local authorities, in accordance with local needs.</u>		
Recital 35b				
45b		<u>(35b) In order to support the multiplication and replicability of successful building renovation projects, in line with the New European Bauhaus initiative, in particular with its sustainability goal, Member States should put in place national industrial policies for the large-scale production of</u>		

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>locally adaptable prefabricated building elements for building renovation that provide different functions, including aesthetics, insulation and energy generation and insulation and green infrastructures. They should also promote biodiversity, water management, accessibility and mobility.</u>		
Recital 35c				
45c		<u>(35c) Member States should develop national electrical inspections regimes in light of the fact that a high percentage of the domestic and accidental domestic fires have an electrical source and in order to ensure that electrical installations are safe and ready for new uses aiming to achieve zero-emissions buildings.</u>		
Recital 35d				
45d		<u>(35d) Consideration of the water-energy nexus is particularly important to address the interdependent energy and water use and the increasing pressure</u>		

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>on both resources. The effective management and reuse of water can make a significant contribution to energy savings, yielding climate, but also economic and social, benefits.</u>		
Recital 36				
46	(36) Electric vehicles are expected to play a crucial role in the decarbonisation and efficiency of the electricity system, namely through the provision of flexibility, balancing and storage services, especially through aggregation. This potential of electric vehicles to integrate with the electricity system and contribute to system efficiency and further absorption of renewable electricity should be fully exploited. Charging in relation to buildings is particularly important, since this is where electric vehicles park regularly and for long periods of time. Slow charging is economical and the installation of recharging points in private spaces can provide energy storage to the related building and integration of smart charging services and system integration	(36) Electric vehicles are expected to play a crucial role in the decarbonisation and efficiency of the electricity system, namely through the provision of flexibility, balancing and storage services, especially through <u>the development of smart charging and</u> aggregation. This potential of electric vehicles to integrate with the electricity system and contribute to system efficiency and further absorption of renewable electricity should be fully exploited <u>including through the installation of a public charging infrastructure in parking spaces.</u> Charging in relation to buildings is particularly important, since this is where electric vehicles park regularly and for long periods of time. Slow <u>smart and bidirectional</u> charging is economical and the	(36) Electric vehicles are expected to play a crucial role in the decarbonisation and efficiency of the electricity system, namely through the provision of flexibility, balancing and storage services, especially through aggregation. This potential of electric vehicles to integrate with the electricity system and contribute to system efficiency and further absorption of renewable electricity should be fully exploited. Charging in relation to buildings is particularly important, since this is where electric vehicles park regularly and for long periods of time. Slow charging is economical and the installation of recharging points in private spaces can provide energy storage to the related building and integration of smart charging services and system integration	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	services in general.	installation of recharging points in private spaces can provide energy storage to the related building. <u>Combined with data provided by smart meters and data produced by the vehicle, charging infrastructure for electric vehicles could also provide flexibility solutions</u> and integration of smart <u>and bidirectional</u> charging services and system integration services in general. <u>Electric vehicles capable of bidirectional charging add to the capacity of buildings and the electricity system to balance power supply and demand, especially during peak hours and at lower cost, and empower users to actively providing such services against adequate remuneration.</u>	services in general.	
Recital 37				
47	(37) Combined with an increased share of renewable electricity production, electric vehicles produce fewer greenhouse gas emissions. Electric vehicles constitute an important component of a clean energy transition based on energy efficiency measures, alternative fuels, renewable energy	(37) Combined with an increased share of renewable electricity production, electric vehicles produce fewer greenhouse gas emissions. Electric vehicles constitute an important component of a clean energy transition based on energy efficiency measures, alternative fuels, renewable energy	(37) Combined with an increased share of renewable electricity production, electric vehicles produce ~~fewer~~ less greenhouse gas emissions. Electric vehicles constitute an important component of a clean energy transition based on energy efficiency measures, alternative fuels, renewable energy	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	and innovative solutions for the management of energy flexibility. Building codes can be effectively used to introduce targeted requirements to support the deployment of recharging infrastructure in car parks of residential and non-residential buildings. Member States should remove barriers such as split incentives and administrative complications which individual owners encounter when trying to install a recharging point on their parking space.	and innovative solutions for the management of energy flexibility. Building codes can be effectively used to introduce targeted requirements to support the deployment of recharging infrastructure in car parks of residential and non-residential buildings. Member States should remove barriers such as <u>grid connection and capacity bottlenecks</u> , split incentives and administrative complications which individual owners encounter when trying to install a recharging point on their parking space.	and innovative solutions for the management of energy flexibility. Building codes can be effectively used to introduce targeted requirements to support the deployment of recharging infrastructure in car parks of residential and non-residential buildings. Member States should aim to remove barriers such as split incentives and administrative complications which individual owners encounter when trying to install a recharging point on their parking space.	
Recital 38				
48	(38) Pre-cabling provides the right conditions for the rapid deployment of recharging points if and where they are needed. Readily available infrastructure will decrease the costs of installation of recharging points for individual owners and ensure that electric vehicle users have access to recharging points. Establishing requirements for electromobility at Union level concerning the pre-equipping of parking spaces and	(38) Pre-cabling provides the right conditions for the rapid deployment of recharging points if and where they are needed. Readily available infrastructure will decrease the costs of installation of recharging points for individual owners and ensure that electric vehicle users have access to recharging points. Establishing requirements for electromobility at Union level concerning the pre-equipping of parking spaces and	(38) Pre-cabling ~~provides~~ and ducting provide the right conditions for the rapid deployment of recharging points if and where they are needed. Readily available infrastructure will decrease the costs of installation of recharging points for individual owners and ensure that electric vehicle users have access to recharging points. Establishing requirements for electromobility at Union level concerning the pre-	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	the installation of recharging points is an effective way to promote electric vehicles in the near future while enabling further development at a reduced cost in the medium to long term. Where technically feasible, Member States should ensure the accessibility of recharging points for persons with disabilities.	the installation of recharging points is an effective way to promote electric vehicles in the near future while enabling further development at a reduced cost in the medium to long term. ~~Where technically feasible,~~ Member States should ensure the accessibility of recharging points for persons with disabilities.	equipping of parking spaces and the installation of recharging points is an effective way to promote electric vehicles in the near future while enabling further development at a reduced cost in the medium to long term. Where technically feasible, Member States should ensure the accessibility of recharging points for persons with disabilities.	
Recital 39				
49	(39) Smart charging and bidirectional charging enable the energy system integration of buildings. Recharging points where electric vehicles typically park for extended periods of time, such as where people park for reasons of residence or employment, are highly relevant to energy system integration, therefore smart charging functionalities need to be ensured. In situations where bidirectional charging would assist further penetration of renewable electricity by electric vehicle fleets in transport and the electricity system in general, such functionality should also be made	(39) Smart charging and bidirectional charging enable the energy system integration of buildings. Recharging points where electric vehicles typically park for extended periods of time, such as where people park for reasons of residence or employment, are highly relevant to energy system integration, therefore smart charging functionalities need to be ensured. ~~In situations where~~ <u>As</u> bidirectional charging ~~would assist~~ <u>assists the</u> further penetration of renewable electricity by electric vehicle fleets in transport and the electricity system in general <u>and is instrumental to peak shaving, thus</u>	(39) Smart charging and bidirectional charging enable the energy system integration of buildings. Recharging points where electric vehicles typically park for extended periods of time, such as where people park for reasons of residence or employment, are highly relevant to energy system integration, therefore smart charging functionalities need to be ensured. In situations where bidirectional charging would assist further penetration of renewable electricity by electric vehicle fleets in transport and the electricity system in general, such functionality should also be made	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	available.	<u>lowering the need for power supply at peak hours and hence overall system costs</u> , such functionality should also be made available, <u>not least as it empowers owners of electric vehicles to make such functions available to play and active part in the energy system against adequate remuneration, in line with their right to generate, share, store or sell self-produced energy.</u>	available.	
Recital 40				
50	(40) Promoting green mobility is a key part of the European Green Deal and buildings can play an important role in providing the necessary infrastructure, not only for recharging of electric vehicles but also for bicycles. A shift to soft mobility such as cycling can significantly reduce greenhouse gas emissions from transport. As set out in the 2030 Climate Target Plan, increasing the modal shares of clean and efficient private and public transport, such as cycling, will drastically lower pollution from transport and bring major benefits to individual citizens and	(40) Promoting green mobility is a key part of the European Green Deal and buildings can play an important role in providing the necessary infrastructure, not only for recharging of electric vehicles but also for bicycles. A shift to ~~soft~~ <u>active</u> mobility such as cycling can significantly reduce greenhouse gas emissions from transport. <u>With the increase in the sale of electrically power-assisted bicycles and other L-category vehicle types and in order to facilitate the installation of recharging points at a later stage, pre-cabling for those vehicles</u>	(40) Promoting green mobility is a key part of the European Green Deal and buildings can play an important role in providing the necessary infrastructure, not only for recharging of electric vehicles but also for bicycles. A shift to soft mobility such as cycling can significantly reduce greenhouse gas emissions from transport. As set out in the 2030 Climate Target Plan, increasing the modal shares of clean and efficient private and public transport, such as cycling, will drastically lower pollution from transport and bring major benefits to individual citizens and	(40) Promoting green mobility is a key part of the European Green Deal and buildings can play an important role in providing the necessary infrastructure, not only for recharging of electric vehicles but also for bicycles. A shift to ~~soft~~ <u>active</u> mobility such as cycling can significantly reduce greenhouse gas emissions from transport. <u>With the increase in the sale of electrically power-assisted bicycles and other L-category vehicle types and in order to facilitate the installation of recharging points at a later stage, pre-cabling for those vehicles</u>

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	communities. The lack of bike parking spaces is a major barrier to the uptake of cycling, both in residential and non-residential buildings. Building codes can effectively support the transition to cleaner mobility by establishing requirements for a minimum number of bicycle parking spaces.	<u><i>should be required in new residential buildings and, where technically and economically feasible, pre-cabling or ducting should be required in residential buildings undergoing major renovation.</i></u> As set out in the 2030 Climate Target Plan, increasing the modal shares of clean and efficient private and public transport, such as cycling, will drastically lower pollution from transport and bring major benefits to individual citizens and communities. The lack of bike parking spaces is a major barrier to the uptake of cycling, both in residential and non-residential buildings. <u><i>Union requirements and national building codes can effectively support the transition to cleaner mobility by establishing requirements for a minimum number of bicycle parking spaces, and building bicycle parking spaces and related infrastructure in areas where bicycles are less used can lead to an increase in their use. The requirement to provide bicycle parking spaces should not be dependent on, or necessarily be linked to, the availability and supply of car</i></u>	communities. The lack of bike parking spaces is a major barrier to the uptake of cycling, both in residential and non-residential buildings. Building codes can effectively support the transition to cleaner mobility by establishing requirements for a minimum number of bicycle parking spaces.	<u><i>should be required in new residential buildings and, where technically and economically feasible, pre-cabling or ducting should be required in residential buildings undergoing major renovation.</i></u> As set out in the 2030 Climate Target Plan, increasing the modal shares of clean and efficient private and public transport, such as cycling, will drastically lower pollution from transport and bring major benefits to individual citizens and communities. The lack of bike parking spaces is a major barrier to the uptake of cycling, both in residential and non-residential buildings. <u><i>Union requirements and national building codes can effectively support the transition to cleaner mobility by establishing requirements for a minimum number of bicycle parking spaces, and building bicycle parking spaces and related infrastructure in areas where bicycles are less used can lead to an increase in their use. The requirement to provide bicycle parking spaces should not be dependent on, or necessarily be linked to, the availability and supply of car</i></u>

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u><i>parking spaces, which may be unavailable in certain circumstances. Minimum car parking requirements in building codes should be replaced with maximum car parking requirements, particularly in those areas that are already well served by public transport and active mobility options. Member States should support local authorities in developing and implementing sustainable urban mobility plans with a particular focus on the integration of housing policies with sustainable mobility and urban planning, thereby ensuring and prioritising accessibility of all new major urban developments by active mobility and public transport.</i></u>		<u><i>parking spaces, which may be unavailable in certain circumstances. Member States should allow for the increase of bicycle parking in residential buildings where there are no car parking spaces by installing at least two bicycle parking spaces for every dwelling.</i></u> Trilogue 12 October
Recital 40a				
50a		<u><i>(40a) Technical support will also be needed to build the capacity of local authorities through trainings and workshops, for instance on designing procurements considering whole life-cycle data and to carry out the whole-life carbon monitoring.</i></u>		

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
Recital 40b				
50b		<u>(40b) When implementing the electromobility requirements in this Directive, Member States should particularly consider the economic situation of vulnerable households and vulnerable microenterprises and small enterprises and should be able to adjust the installation of the relevant infrastructure accordingly.</u>		
Recital 41				
51	(41) The agendas of the Digital Single Market and the Energy Union should be aligned and should serve common goals. The digitalisation of the energy system is quickly changing the energy landscape, from the integration of renewables to smart grids and smart-ready buildings. In order to digitalise the building sector, the Union's connectivity targets and ambitions for the deployment of high-capacity communication networks are important for smart	(41) The agendas of the Digital Single Market and the Energy Union should be aligned and should serve common goals. The digitalisation of the energy system is quickly changing the energy landscape, from the integration of renewables to smart grids and smart-ready buildings. In order to digitalise the building sector, the Union's connectivity targets and ambitions for the deployment of high-capacity communication networks are important for smart	(41) The agendas of the Digital Single Market and the Energy Union should be aligned and should serve common goals. The digitalisation of the energy system is quickly changing the energy landscape, from the integration of renewables to smart grids and smart-ready buildings. In order to digitalise the building sector, the Union's connectivity targets and ambitions for the deployment of high-capacity communication networks are important for smart	add from 230a

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	homes and well-connected communities. Targeted incentives should be provided to promote smart-ready systems and digital solutions in the built environment. This would offer new opportunities for energy savings, by providing consumers with more accurate information about their consumption patterns, and by enabling the system operator to manage the grid more effectively.	homes and well-connected communities. Targeted incentives should be provided to promote smart-ready systems and digital solutions in the built environment. This would offer new opportunities for energy savings, by providing consumers with more accurate information about their consumption patterns, and by enabling the system operator to manage the grid more effectively.	homes and well-connected communities. Targeted incentives should be provided to promote smart-ready systems and digital solutions in the built environment. This would offer new opportunities for energy savings, by providing consumers with more accurate information about their consumption patterns, and by enabling the system operator to manage the grid more effectively.	
Recital 42				
52	(42) In order to facilitate a competitive and innovative market for smart building services that contributes to efficient energy use and integration of renewable energy in buildings and support investments in renovation, Member States should ensure direct access to building systems' data by interested parties. To avoid excessive administrative costs for third parties, Member States shall facilitate the full interoperability of services and of the data exchange within the Union.	(42) In order to facilitate a competitive and innovative market for smart building services that contributes to efficient energy use and integration of renewable energy in buildings and support investments in renovation, Member States should ensure direct access to building systems' data by interested parties. To avoid excessive administrative costs for third parties, Member States shall facilitate the full interoperability of services and of the data exchange within the Union.	(42) In order to facilitate a competitive and innovative market for smart building services that contributes to efficient energy use and integration of renewable energy in buildings and support investments in renovation, Member States should ensure direct access to building systems' data by interested parties. To avoid excessive administrative costs for third parties, Member States shall facilitate the full interoperability of services and of the data exchange within the Union.	
Recital 43				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
53	(43) The smart readiness indicator should be used to measure the capacity of buildings to use information and communication technologies and electronic systems to adapt the operation of buildings to the needs of the occupants and the grid and to improve the energy efficiency and overall performance of buildings. The smart readiness indicator should raise awareness amongst building owners and occupants of the value behind building automation and electronic monitoring of technical building systems and should give confidence to occupants about the actual savings of those new enhanced-functionalities. The smart readiness indicator is particularly beneficial for large buildings with high energy demand. For other buildings, the scheme for rating the smart readiness of buildings should be optional for Member States.	(43) The smart readiness indicator should be used to measure the capacity of buildings to use information and communication technologies and electronic systems to adapt the operation of buildings to the needs of the occupants and the grid and to improve the energy efficiency and overall performance of buildings. The smart readiness indicator should raise awareness amongst building owners and occupants of the value behind building automation and electronic monitoring of technical building systems and should give confidence to occupants about the actual savings of those new enhanced-functionalities. The smart readiness indicator is particularly beneficial for large buildings with high energy demand. For other buildings, the scheme for rating the smart readiness of buildings should be optional for Member States.	(43) The smart readiness indicator should be used to measure the capacity of buildings to use information and communication technologies and electronic systems to adapt the operation of buildings to the needs of the occupants and the grid and to improve the energy efficiency and overall performance of buildings. The smart readiness indicator should raise awareness amongst building owners and occupants of the value behind building automation and electronic monitoring of technical building systems and should give confidence to occupants about the actual savings of those new enhanced-functionalities. The smart readiness indicator is particularly beneficial for large buildings with high energy demand. For other buildings, the scheme for rating the smart readiness of buildings should be optional for Member States.	
Recital 43a				
53a				<u>(43a) A digital building twin is</u>

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				<u>an interactive and dynamic simulation that reflects the real-time status and behaviour of a physical building. By incorporating real-time data from sensors, smart meters and other sources, a digital building twin provides a holistic view of the building's performance, including energy consumption, temperature, humidity, occupancy levels, and more and can be used to monitor and manage the building's energy consumption. Where a digital building twin is available, it should be taken into account, in particular for the smart readiness indicator.</u> Compromise following 6 June trilogue
Recital 44				
54	(44) Access to sufficient funding is crucial to meet the 2030 and 2050 energy efficiency targets. Union financial instruments and other measures have been put into place or adapted with the aim of supporting the energy performance of buildings . The most recent initiatives to increase	(44) Access to sufficient <u>grants</u> <u>and</u> funding is crucial to meet the 2030 and 2050 energy efficiency targets <u>as well as to reduce the number of people living in energy poverty</u>. Union financial instruments and other measures have been—put into place or adapted with the aim of	(44) Access to sufficient funding is crucial to meet the 2030 and 2050 energy efficiency targets. Union financial instruments and other measures— have been— put into place or adapted with the aim of— supporting the energy performance of buildings— .– The most recent initiatives to increase	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	the availability of financing at Union level include, inter alia, the ‘Renovate’ flagship component of the Recovery and Resilience Facility established by Regulation (EU) 2041/241 of the European Parliament and the Council¹ and the Social Climate Fund established by Regulation (EU) .../.... Several other key EU programmes can support energy renovation under the 2021-2027 Multiannual Financial Framework, including the cohesion policy funds and the InvestEU Fund established by Regulation (EU) 2021/523 of the European Parliament and of the Council². Through Framework Programmes for research and innovation, the Union invests in grants or loans to push the best technology and improve the energy performance of buildings, including through partnerships with industry and Member States such as the Clean Energy Transition and Built4People European Partnerships. 1. Regulation (EU) 2021/241 of the European Parliament and of the Council of 12 February 2021 establishing the Recovery and Resilience Facility (OJ L 57, 18.2.2021)	supporting the energy performance of buildings—<u>and eliminating energy poverty</u>.—The most recent initiatives to increase the availability of financing at Union level include, inter alia, the ‘Renovate’ flagship component of the Recovery and Resilience Facility established by Regulation (EU) 2041/241 of the European Parliament and the Council¹ and the Social Climate Fund established by Regulation (EU) .../.... <u>and the REPowerEU plan</u>. Several other key EU programmes can support energy renovation under the 2021-2027 Multiannual Financial Framework, including the cohesion policy funds and the InvestEU Fund established by Regulation (EU) 2021/523 of the European Parliament and of the Council². Through Framework Programmes for research and innovation, the Union invests in grants or loans to push the best technology and improve the energy performance of buildings, including through partnerships with industry and Member States such as the Clean Energy Transition and Built4People European Partnerships. <u>In</u>	the availability of financing at Union level include, inter alia, the ‘Renovate’ flagship component of the Recovery and Resilience Facility established by Regulation (EU) 2041/241 of the European Parliament and the Council¹ and the Social Climate Fund established by Regulation (EU) .../.... Several other key EU programmes can support energy renovation under the 2021-2027 Multiannual Financial Framework, including the cohesion policy funds and the InvestEU Fund established by Regulation (EU) 2021/523 of the European Parliament and of the Council². Through Framework Programmes for research and innovation, the Union invests in grants or loans to push the best technology and improve the energy performance of buildings, including through partnerships with industry and Member States such as the Clean Energy Transition and Built4People European Partnerships. 1. Regulation (EU) 2021/241 of the European Parliament and of the Council of 12 February 2021 establishing the Recovery and Resilience Facility (OJ L 57, 18.2.2021)	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	2. Regulation (EU) 2021/523 of the European Parliament and of the Council of 24 March 2021 establishing the InvestEU Programme and amending Regulation (EU) 2015/1017 (OJ L 107, 26.3.2021, p. 30).	<u>accordance with Regulation (EU) 2021/1119, the Commission should establish sector-specific energy transition partnerships within the building sector by bringing together key stakeholders.</u> 1. Regulation (EU) 2021/241 of the European Parliament and of the Council of 12 February 2021 establishing the Recovery and Resilience Facility (OJ L 57, 18.2.2021) 2. Regulation (EU) 2021/523 of the European Parliament and of the Council of 24 March 2021 establishing the InvestEU Programme and amending Regulation (EU) 2015/1017 (OJ L 107, 26.3.2021, p. 30).	2. Regulation (EU) 2021/523 of the European Parliament and of the Council of 24 March 2021 establishing the InvestEU Programme and amending Regulation (EU) 2015/1017 (OJ L 107, 26.3.2021, p. 30).	
Recital 45				
55	(45) Union financial instruments should be used to give practical effect to the objectives of this Directive, without however substituting national measures. In particular, due to the scale of the renovation effort needed, they should be used for providing appropriate and innovative means of financing to catalyse investment in energy performance of buildings . They could play an important role in the development	(45) Union financial instruments should be used to give practical effect to the objectives of this Directive, without however substituting national measures. In particular, due to the scale of the renovation effort needed, they should be used for providing appropriate and innovative means of financing to catalyse investment in energy performance of buildings . They could play an important role in the development	(45) Union financial instruments should be used to give practical effect to the objectives of this Directive, without however substituting national measures. In particular,— due to the scale of the renovation effort needed,— they should be used for providing appropriate and innovative means of financing to catalyse investment in energy— performance of buildings— . They could play an important role in the development	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	of national, regional and local energy efficiency funds, instruments, or mechanisms, which deliver such financing possibilities to private property owners, to small and medium-sized enterprises and to energy efficiency service companies.	of national, regional and local energy efficiency funds, instruments, or mechanisms, which deliver such financing possibilities to private property owners, to small and medium-sized enterprises and to energy efficiency service companies.	of national, regional and local energy efficiency funds, instruments, or mechanisms, which deliver such financing possibilities to private property owners, to small and medium-sized enterprises and to energy efficiency service companies.	
Recital 46				
56	(46) Financial mechanisms, incentives and the mobilisation of financial institutions for energy renovations in buildings should play a central role in national building renovation plans and be actively promoted by Member States. Such measures should include encouraging energy efficient mortgages for certified energy efficient building renovations, promoting investments for public authorities in an energy efficient building stock, for example by public-private partnerships or energy performance contracts or reducing the perceived risk of the investments.	(46) Financial mechanisms, <u>Union grants and subsidies</u> , incentives and the mobilisation of financial institutions for energy renovations in buildings, <u>tailored to the needs of different building owners and tenants</u> , should play a central role in national building renovation plans and be actively promoted by Member States. Such measures should ~~include~~ ~~encouraging~~ <u>promote</u> energy efficient mortgages <u>with social safeguards</u> for certified energy efficient building renovations, ~~promoting~~ <u>foster</u> investments for public authorities in an energy efficient building stock, for example by public-private partnerships or energy performance contracts or reducing the perceived	(46) Financial mechanisms, incentives and the mobilisation of financial institutions for energy renovations in buildings should play a central role in national building renovation plans and be actively promoted by Member States. Such measures should include encouraging energy efficient mortgages for certified energy efficient building renovations, promoting investments for public ~~authorities~~ <u>bodies</u> in an energy efficient building stock, for example by public-private partnerships or energy performance contracts or reducing the perceived risk of the investments.	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		risk of the investments. <u>Financial schemes should provide an important premium for deep renovations, especially of the worst-performing buildings, in order to make them financially attractive and be designed to allow accessibility for groups having difficulties to obtain regular financing.</u>		
Recital 46a				
56a		<u>(46a) Member States should provide guarantees to financial institutions in order to promote targeted financial products, grants and subsidies, to enhance the energy performance of buildings housing vulnerable households, as well as to owners in worst-performing multi-dwelling buildings and buildings in rural areas, and other groups having difficulty to access finances or get traditional mortgages. Member States should ensure that those groups benefit from cost neutral renovation schemes, for instance through fully subsidised renovation schemes, or blends between grants and energy</u>		

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>performance contracting and on-bill schemes. It is necessary to provide for a special renovation instrument, the "EU Renovation Loan", at Union level, to provide homeowners with access to Union, long-term borrowing costs for deep renovation.</u>		
Recital 46b				
56b		<u>(46b) Financing plays a key role in achieving the Union 2030 energy and climate targets. To reduce the investment gap as well as to improve financing and to increase energy efficiency and the roll-out of renewable energy sources in buildings, a more cost-effective use of existing financing options is needed, as well as developing and introducing innovative financing mechanisms to support investments in building renovations and to assist homeowners as part of national initiatives. Financial mechanisms, incentives and the mobilisation of private investments from financial institutions for energy efficiency renovations in buildings should have a central role in national</u>		

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>building renovation plans. Financial institutions should increase dissemination of information on their financial products to inform buildings owners, tenants and users about financial services to enhance energy performance. Financial institutions, including credit institutions and other financial market participants that invest in real estate-backed products, as well regulatory authorities should have access to information concerning the energy performance of buildings. Such institutions should be subject to the mortgage portfolio standards.</u>		
Recital 46a				
56c		<u>(46c) Green mortgage loans and green retail loans can significantly contribute to transforming the economy and reducing carbon emissions. Member States should adjust the applicable legislation and develop supporting measures to facilitate the uptake of green mortgage loans and green retail loans as well as systematic data collection.</u>		EP: keep

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
Recital 46d				
56d		<u>(46d) Member States should prioritise the allocation of part of the European Social Fund to the technical training of workers in energy efficiency for the construction and renovation sectors. Member States should establish registries of their construction value-chain professionals, detailing the availability of skills and skilled professionals on the market. Those registries should be publicly accessible and updated regularly.</u>		
Recital 46e				
56e		<u>(46e) The benefits of the ‘pay-as-you-save financial scheme’ in the medium-term, following the repayment of the loan, imply a net benefit for the household owners in terms of annual energy cost savings and an increased value of the property.</u>		
Recital 47				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
57	(47) Financing alone will not deliver on the renovation needs. Together with financing, setting up accessible and transparent advisory tools and assistance instruments such as one-stop-shops that provide integrated energy renovation services or facilitators, as well as implementing other measures and initiatives such as those referred to in the Commission's Smart Finance for Smart Buildings Initiative, is indispensable to provide the right enabling framework and break barriers to renovation.	(47) Financing alone will not deliver on the renovation needs. ~~Together with financing,~~ Setting up accessible and transparent advisory tools and assistance instruments such as ~~one-stop-shops~~ <u>independent one-stop shops</u> that provide <u>free</u> integrated energy renovation services or facilitators <u>and advice</u>, as well as implementing other measures and initiatives such as those referred to in the Commission's Smart Finance for Smart Buildings Initiative, is indispensable to provide the right enabling framework and break barriers to renovation. <u>The central importance of local actors, such as municipal authorities, energy agencies and renewable and citizen energy communities, to delivering national renovation needs should be recognised. Other collaborative measures such as public-private partnerships play an important role and should be actively promoted and supported by Member States. In addition to financing and technical support, Member States should take up neighbourhood and district approaches to building renovation</u>	(47) Financing alone will not deliver on the renovation needs. Together with financing, setting up accessible and transparent advisory tools and assistance instruments such as one-stop-shops that provide integrated energy renovation services or facilitators, as well as implementing other measures and initiatives such as those referred to in the Commission's Smart Finance for Smart Buildings Initiative, is indispensable to provide the right enabling framework and break barriers to renovation.	to align

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>and renewable heating and cooling in their national building renovation plans and actively promoted them. Local initiatives, such as citizen-led renovation programmes at neighbourhood or municipal level, should also be provided with financial and technical support, as such initiatives enhance citizens' engagement in the energy transition, preserve local social patterns, have an economy of scale effect and provide solutions fitting with the local context and needs.</u>		
Recital 47a				
57a		<u>(47a) Access to trusted advice and information increases confidence and eases the process of improving energy efficiency in existing buildings, especially for private citizens. In that regard, one-stop shops could play an important role in connecting potential projects with market actors, including citizens, public authorities and project developers, in particular smaller-scale projects as well as guidance on</u>		

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>permit procedures, promoting access to funding for building renovation, and helping to disseminate information on terms and conditions. Locally operated one-stop-shops could also help ensure coordination of supply and demand. They can help building owners and managers with the renovation projects and help integrate individual projects into the broader strategy of the cities. They can also help prioritise worst-performing buildings by establishing timelines and providing targeted support to different portions of the building stock based on construction years. One-stop shops are also important to encourage citizens to start renovation projects by providing advice and research options, facilitating the search for contractors, helping to navigate through tenders and quotations, and providing support during the renovations. Increased technical assistance is necessary to set up and develop one-stop shops and mobilise the right expertise.</u>		
Recital 48				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
58	(48) Inefficient buildings are often linked to energy poverty and social problems. Vulnerable households are particularly exposed to increasing energy prices as they spend a larger proportion of their budget on energy products. By reducing excessive energy bills, building renovation can lift people out of energy poverty and also prevent it. At the same time, building renovation does not come for free, and it is essential to ensure that the social impact of the costs for building renovation, notably on vulnerable households, is kept in check. The renovation wave should leave no one behind and be seized as an opportunity to improve the situation of vulnerable households, and a fair transition towards climate neutrality should be ensured. Therefore, financial incentives and other policy measures should as a priority target vulnerable households, people affected by energy poverty and people living in social housing, and Member States should take measures to prevent evictions because of renovation. The Commission proposal for a Council	(48) Inefficient buildings are often linked to energy poverty and social problems. Vulnerable households are particularly exposed to increasing energy prices as they spend a larger proportion of their budget on energy products. By reducing excessive energy bills, building renovation can lift people out of energy poverty and also prevent it. At the same time, building renovation does not come for free, and it is essential to ensure that the social impact of the costs for building renovation, ~~notably in~~ <u>particular</u> on vulnerable households, is ~~kept in check~~ <u>limited</u>. The Renovation Wave should leave no one behind and be seized as an opportunity to improve the situation of vulnerable households <u>and people living in social housing</u>, and a fair transition towards climate neutrality should be ensured. Therefore, financial incentives and other policy measures should as a priority target vulnerable households, ~~people affected by energy poverty~~ and people living in social housing, and Member States should ~~take~~ <u>outline in their national building</u>	(48) Inefficient buildings are often linked to energy poverty and social problems. Vulnerable households are particularly exposed to increasing energy prices as they spend a larger proportion of their budget on energy products. By reducing excessive energy bills, building renovation can lift people out of energy poverty and also prevent it. At the same time, building renovation does not come for free, and it is essential to ensure that the social impact of the costs for building renovation, notably on vulnerable households, is kept in check. The renovation wave should leave no one behind and be seized as an opportunity to improve the situation of vulnerable households, and a fair transition towards climate neutrality should be ensured. Therefore, financial incentives and other policy measures should as a priority target vulnerable households, people affected by energy poverty and people living in social housing, and Member States should take measures to prevent evictions because of renovation. The Commission proposal for a Council	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	Recommendation on ensuring a fair transition towards climate neutrality provides a common framework and shared understanding of comprehensive policies and investments needed for ensuring that the transition is fair.	<u>renovation plans</u> measures to <u>be taken to</u> prevent evictions because of renovation, <u>such as rental price breaks and rent caps measures</u> . The Commission proposal for a Council Recommendation on ensuring a fair transition towards climate neutrality provides a common framework and shared understanding of comprehensive policies and investments needed for ensuring that the transition is fair.	Recommendation on ensuring a fair transition towards climate neutrality provides a common framework and shared understanding of comprehensive policies and investments needed for ensuring that the transition is fair.	
Recital 48a				
58a		<u>(48a) Energy poverty affects women disproportionately throughout the Union and therefore Member States should dedicate the necessary support to alleviate energy poverty among women. Member States should make more effort to compile gender-disaggregated data into their national building renovation plans in order to better target policies and measures.</u>	(48a) Micro-enterprises represent the majority of companies active in the building sector with 94% of the total. Together with small enterprises, they amount to 70% of employment in the construction sector. They supply essential services and jobs locally. However, as micro-enterprises typically rely on less than ten employees, they have limited resources to comply with regulatory requirements and rules attached to financial support programmes schemes.	<u>(48a) Micro-enterprises represent the majority of companies active in the building sector with 94% of the total. Together with small enterprises, they amount to 70% of employment in the construction sector. They supply essential services and jobs locally. However, as micro-enterprises typically rely on less than ten employees, they have limited resources to comply with regulatory requirements and rules attached to financial support programmes schemes. Energy communities, citizen-led initiatives</u>

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
			Energy communities, citizen-led initiatives and local authorities and energy agencies, while indispensable for delivering the Renovation Wave, face the same issues of lower administrative, financial and organisational capacities. This should not hamper the essential role of such entities and should be taken into account in the development of support and training programmes, with sufficient visibility and ease of access. Member States may actively support organisations with lower means with dedicated technical, financial and legal assistance.	<u>and local authorities and energy agencies, while indispensable for delivering the Renovation Wave, face the same issues of lower administrative, financial and organisational capacities. This should not hamper the essential role of such entities and should be taken into account in the development of support and training programmes, with sufficient visibility and ease of access. Member States may actively support organisations with lower means with dedicated technical, financial and legal assistance.</u> Tech. follow-up to 12 Oct Trilogue Text Origin: Council Mandate
	Recital 48b			
Y	58b		(48b) Energy performance certificates for buildings have been in use since 2002. However, the use of different scales and formats hinders the comparability between different national schemes. Greater comparability of energy	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
			performance certificates across the Union facilitates the use of energy performance certificates by financial institutions, thereby steering financing towards more energy-performant buildings and building renovation. The EU Green Taxonomy relies on the use of energy performance certificates and accentuates the need to improve their comparability. Introducing a common scale of energy performance classes and a common template should ensure sufficient comparability between energy performance certificates across the Union.	
Recital 48b				
58c			(48c) A number of Member States have recently modified their energy performance certification schemes. In order to avoid disruption, those Member States should have additional time to adapt their schemes.	align
Recital 49				
59				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	(49) In order to ensure that the energy performance of buildings can be taken into account by prospective buyers or tenants early in the process, buildings or building units which are offered for sale or rent should have an energy performance certificate, and the energy performance class and indicator should be stated in all advertisements. The prospective buyer or tenant of a building or building unit should, in the energy performance certificate, be given correct information about the energy performance of the building and practical advice on improving such performance. The energy performance certificate should also provide information on its primary energy consumption, on its renewable energy production and on its operational greenhouse gas emissions.	(49) In order to ensure that the energy performance of buildings can be taken into account by prospective buyers or tenants early in the process, buildings or building units which are offered for sale or rent should have an energy performance certificate, and the energy performance class and indicator should be stated in all advertisements. The prospective buyer <u>or</u> ~~or~~ tenant of a building or building unit should, in the energy performance certificate, be given correct information about the energy performance of the building and practical advice on improving such performance. ~~The energy performance certificate should also provide information on its primary energy~~ <u>and final consumption, on its energy needs,</u> on its renewable energy production ~~and~~ on its ~~operational~~ greenhouse gas ~~emissions,~~ <u>on its indoor environmental quality, as well as recommendations for the improvement of the energy performance and the life-cycle GWP.</u>	(49) In order to ensure that the energy performance of buildings can be taken into account by prospective buyers or tenants early in the process, buildings or building units which are offered for sale or rent should have an energy performance certificate, and the energy performance class and indicator should be stated in all advertisements. ~~The prospective buyer~~ ~~or~~ ~~or~~ tenant of a building or building unit should, in the energy performance certificate, be given correct information about the energy performance of the building and practical advice on improving such performance. ~~The energy performance certificate should also provide information on its primary energy consumption,~~ on its renewable energy production and on its ~~operational~~ greenhouse gas ~~emissions.~~	
Recital 49a				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
59a		<u>(49a) When considering support policies for minimum energy performance standards, special attention should be given to vulnerable households, particularly to those whose security of tenure might be put at risk or those exposed to high energy costs that lack the means to renovate the building they occupy. Member States should provide safeguards at national level, such as social support mechanisms.</u>		
Recital 49b				
59b		<u>(49b) The energy transition represents an opportunity to improve access to better quality housing, provided that renovation costs are balanced as much as possible with energy savings and security of tenure is ensured. It can also help lift households out of energy and transport poverty if subsidies and public funding are made available to those with reduced access to market-price loans. Also, for public housing and rented buildings, participative</u>		

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u><i>models are essential for tenants to work together with the housing companies, landlords and owners associations on the scope and cost of renovations. It can help balancing costs and reinforce security of tenure. Capacity-building opportunities for local housing providers should be created for better uptake of participative models and a more coordinated approach across sectors at national, regional and local level.</i></u>		
Recital 50				
60	(50) The monitoring of the building stock is facilitated by the availability of data collected by digital tools, thereby reducing administrative costs. Therefore, national databases for energy performance of buildings should be set up, and the information contained therein should be transferred to the EU Building Stock Observatory.	(50) The monitoring of the building stock is facilitated by the availability of data collected by digital tools, thereby reducing administrative costs. Therefore, national databases for energy performance of buildings should be set up, and the information contained therein should be transferred to the EU Building Stock Observatory.	(50) The monitoring of the building stock is facilitated by the availability of data collected by digital tools, thereby reducing administrative costs. Therefore, national databases for energy performance of buildings should be set up, and the information contained therein should be transferred to the EU Building Stock Observatory.	
Recital 51				
61				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	(51) Buildings occupied by public authorities and buildings frequently visited by the public should set an example by showing that environmental and energy considerations are being taken into account and therefore those buildings should be subject to energy certification on a regular basis. The dissemination to the public of information on energy performance should be enhanced by clearly displaying those energy performance certificates, in particular in buildings of a certain size which are occupied by public authorities or which are frequently visited by the public, such as town halls, schools, shops and shopping centres, supermarkets, restaurants, theatres, banks and hotels.	(51) Buildings occupied by public authorities and buildings frequently visited by the public should set an example by showing that environmental and energy considerations are being taken into account and therefore those buildings should be subject to energy certification on a regular basis. The dissemination to the public of information on energy performance should be enhanced by clearly displaying those energy performance certificates, in particular in buildings of a certain size which are occupied by public authorities or which are frequently visited by the public, such as town halls, schools, shops and shopping centres, supermarkets, restaurants, theatres, banks and hotels.	(51) Buildings occupied by public ~~authorities~~ bodies and buildings frequently visited by the public should set an example by showing that environmental and energy considerations are being taken into account and therefore those buildings should be subject to energy certification on a regular basis. The dissemination to the public of information on energy performance should be enhanced by clearly displaying— those energy performance certificates, in particular in buildings of a certain size which are occupied by public ~~authorities~~ bodies or which are frequently visited by the public, such as— town halls, schools, shops and shopping centres, supermarkets, restaurants, theatres, banks and hotels.	
Recital 51a				
61a		<u><i>(51a) The Commission should establish technical guidelines for the renovation of historical heritage buildings and historic centres to ensure that ecological ambitions are met and cultural heritage is safeguarded. The</i></u>		

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u><i>establishment of national renovation plans must provide for the structured and permanent consultation of the representative organisations of the subjects operating in the construction sector, including with regard to historic buildings.</i></u>		
Recital 51b				
61b		<u><i>(51b) Existing exemptions for heritage and temporary buildings should be maintained for conservation and heritage buildings while new innovative solutions are developed and tested. An exemption should also be provided for heritage buildings that are in the process of becoming officially protected as well as other buildings requiring due conservation as part of a designated environment or because of their special architectural and historic merit, if that process started before the entry into force of this Directive. Technical assistance is essential to boosting the renovation of public buildings, including financial support for replication and</i></u>		

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>upscaling of pilots and demonstration projects, building on experiences developed with Horizon 2020 funding for smart cities. Member States should review their current national processes to class buildings as heritage and historic buildings to allow granting such status in a timely manner by the date of transposition of this Directive.</u>		
Recital 52				
62	(52) Recent years have seen a rise in the number of air-conditioning systems in European countries. That creates considerable problems at peak load times, increasing the cost of electricity and disrupting the energy balance. Priority should be given to strategies which enhance the thermal performance of buildings during the summer period. To that end, there should be focus on measures which avoid overheating, such as shading and sufficient thermal capacity in the building construction, and further development and application of passive cooling techniques,	(52) Recent years have seen a rise in the number of air-conditioning systems in European countries. ~~That~~ <u>That</u> creates considerable problems at peak load times, increasing the cost of electricity and disrupting the energy balance. Priority should be given to strategies which enhance the thermal performance of buildings during the summer period. To that end, there should be focus on measures which avoid overheating, such as shading and sufficient thermal capacity in the building construction, and further development and application of passive cooling techniques,	(52) Recent years have seen a rise in the number of air-conditioning systems in European countries. ~~That~~ <u>That</u> creates considerable problems at peak load times, increasing the cost of electricity and disrupting the energy balance. Priority should be given to strategies which enhance the thermal performance of buildings during the summer period. To that end, there should be focus on measures which avoid overheating, such as shading and sufficient thermal capacity in the building construction, and further development and application of passive cooling techniques,	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	primarily those that improve indoor climatic conditions and the micro-climate around buildings.	primarily those that improve indoor ~~climatic~~ <u>environment</u> conditions and the micro-climate around buildings.	primarily those that improve indoor climatic conditions and the micro-climate around buildings.	
Recital 53				
63	(53) Regular maintenance and inspection of heating , ventilation and air-conditioning systems by qualified personnel contributes to maintaining their correct adjustment in accordance with the product specification and in that way ensures optimal performance from an environmental, safety and energy point of view. An independent assessment of the entire heating , ventilation and air-conditioning system should occur at regular intervals during its lifecycle in particular before its replacement or upgrading. In order to minimise the administrative burden on building owners and tenants, Member States should endeavour to combine inspections and certifications as far as possible.	(53) Regular maintenance and inspection of heating–, <u>electrical installations, fire extinction</u> , ventilation– and air-conditioning systems by qualified personnel contributes to maintaining their correct adjustment in accordance with the product specification and in that way ensures optimal performance from an environmental, safety and energy point of view. An independent assessment of the entire heating–, <u>electrical installations, fire extinction</u> , ventilation– and air-conditioning system should occur at regular intervals during its lifecycle in particular before its replacement or upgrading. In order to minimise the administrative burden on building owners and tenants, Member States should endeavour to combine inspections and certifications as far as possible.	(53) Regular maintenance and inspection of heating–, ventilation and air-conditioning systems by qualified personnel contributes to maintaining their correct adjustment in accordance with the product specification and in that way ensures optimal performance from an environmental, safety and energy point of view. An independent assessment of the entire heating–, ventilation– and air-conditioning system should occur at regular intervals during its lifecycle in particular before its replacement or upgrading. In order to minimise the administrative burden on building owners and tenants, Member States should endeavour to combine inspections and certifications as far as possible.	(53) Regular maintenance and inspection of heating–, ventilation and air-conditioning systems by qualified personnel contributes to maintaining their correct adjustment in accordance with the product specification and in that way ensures optimal performance from an environmental, safety and energy point of view. An independent assessment of the entire heating–, ventilation– and air-conditioning system should occur at regular intervals during its lifecycle in particular before its replacement or upgrading. <u>Inspections should address the parts of the systems that are accessible either directly or indirectly through available non-destructive methods.</u> In order to minimise the administrative burden on building owners and tenants, Member States should endeavour to combine inspections and

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				certifications as far as possible. <u>Where a ventilation system is installed, its sizing and its capabilities to optimize its performance under typical or average operating conditions relevant for the specific and current use of the building should also be assessed.</u> Compromise following 6 June trilogue
Recital 53a				
63a				<u>(53a) Where the system to be inspected is based on fossil fuels, the inspection should include a basic assessment of the feasibility to reduce the on-site use of fossil fuels, for example by integrating renewable energy, changing energy source, or replacing or adjusting the existing systems. In order to reduce the burden on users, this assessment should not be repeated if such recommendations are already documented, in the context of an energy performance certificate, building renovation passports, energy audit, recommendations from the manufacturer or other</u>

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				<u>means of providing advice in an equivalent official documents or if the replacement of the system is already planned.</u> Compromise following 6 June trilogue
Recital 53b				
63b				<u>(53b) Some heating systems involve a high risk of carbon monoxide intoxication, depending on the type of heating generator (boiler, heat pump), the type of fuel (coal, oil, biomass, gas) or the location of the heating generator (such as within living spaces or in spaces not properly ventilated). Inspections of such systems provide a good opportunity for managing those risks.</u> linked to line 381 trilogue 31 August
Recital 54				
64	(54) A common approach to the energy performance certification of buildings , renovation passports,	(54) A common approach to the energy performance certification of buildings–, renovation passports,	(54) A common approach to the energy performance certification of buildings–, renovation passports,	(54) A common approach to the energy performance certification of buildings–, renovation passports,

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	smart readiness indicators and the inspection of heating and air-conditioning systems, carried out by qualified or certified experts, whose independence is to be guaranteed on the basis of objective criteria, contribute to a level playing field as regards efforts made in Member States to energy saving in the buildings sector and will introduce transparency for prospective owners or users with regard to energy performance in the Union property market. In order to ensure the quality of energy performance certificates, renovation passports, smart readiness indicators and of the inspection of heating and air-conditioning systems throughout the Union, an independent control mechanism should be established in each Member State.	smart readiness indicators ~~and~~ <u>and</u> the inspection of heating <u>ventilation, air-conditioning systems, electrical installations</u> and air-conditioning systems, carried out by qualified or certified ~~—~~ experts, whose independence is to be guaranteed on the basis of objective criteria, contribute to a level playing field as regards efforts made in Member States to energy saving in the buildings sector and will introduce transparency for prospective owners or users with regard to energy performance in the Union property market. In order to ensure the quality of energy performance certificates ~~—~~ , renovation passports, smart readiness indicators ~~—~~ and of the inspection of <u>the thermal characteristics of the building controls</u> systems throughout the Union, an independent control mechanism should be established in each Member State.	smart readiness indicators ~~and~~ and the inspection of heating and air-conditioning systems, carried out by qualified or ~~—~~ certified experts, whose independence is to be guaranteed on the basis of objective criteria, ~~—~~ contribute to a level playing field as regards efforts made in Member States to energy saving in the buildings sector and will introduce transparency for prospective owners or users with regard to energy performance in the Union property market. In order to ensure the quality of energy performance certificates ~~—~~ , renovation passports, smart readiness indicators ~~—~~ and of the inspection of heating and air-conditioning systems throughout the Union, an independent control mechanism should be established in each Member State.	smart readiness indicators and ~~—to~~ the inspection of heating and air-conditioning systems, carried out by qualified ~~or~~ ~~—and/or~~ certified <u>accredited</u> experts, whose independence is to be guaranteed on the basis of objective criteria, <u>will</u> contribute to a level playing field as regards efforts made in Member States to energy saving in the buildings sector and will introduce transparency for prospective owners or users with regard to energy performance in the Union property market. <u>Experts should benefit from using test equipment certified in accordance with EN and ISO standards.</u> In order to ensure the quality of energy performance certificates ~~—~~ , renovation passports, smart readiness indicators ~~—~~ and of the inspection of heating and air-conditioning systems throughout the Union, an independent control mechanism should be established in each Member State. Trilogue 12 October
	Recital 54a			
Y	64a			Y

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
			(54a) A sufficient number of reliable professionals competent in the field of energy renovation should be available to ensure sufficient capacity to carry out quality renovation works at the required scale. Member States should therefore where appropriate and feasible put in place certification schemes for integrated renovation works, which require expertise in multiple building elements or systems such as building insulation, electricity and heating systems and the installation of solar panels; professionals involved may include designers, general contractors, specialist contractors and installers.	
Recital 55				
65	(55) Since local and regional authorities are critical for the successful implementation of this Directive, they should be consulted and involved, as and when appropriate in accordance with applicable national legislation, on planning issues, the development of programmes to provide	(55) Since local and regional authorities are critical for the successful implementation of this Directive, they should be consulted and involved, as and when appropriate in accordance with applicable national legislation, on planning issues, the development of programmes to provide	(55) Since local and regional authorities are critical for the successful implementation of this Directive, they should be consulted and involved, as and when appropriate in accordance with applicable national legislation, on planning issues, the development of programmes to provide	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	information, training and awareness-raising, and on the implementation of this Directive at national or regional level. Such consultations may also serve to promote the provision of adequate guidance to local planners and building inspectors to carry out the necessary tasks. Furthermore, Member States should enable and encourage architects and planners to properly consider the optimal combination of improvements in energy efficiency, use of energy from renewable sources and use of district heating and cooling when planning, designing, building and renovating industrial or residential areas.	information, training and awareness-raising, and on the implementation of this Directive at national or regional level. Such consultations may also serve to promote the provision of adequate guidance to local planners and building inspectors to carry out the necessary tasks. Furthermore, Member States should enable and encourage architects and planners to properly consider the optimal combination of improvements in energy efficiency, use of energy from renewable sources and use of district heating and cooling when planning, designing, building and renovating industrial or residential areas <u>including via use of 3D based modelling and simulation technologies. In addition, the public consultation on the national building renovation plans should involve other socio-economic partners socio-economic partners including trade unions and housing cooperatives, building owners, landowners and construction industry, entities working with vulnerable households and homeless people, and other civil society partners such as tenants organisations and</u>	information, training and awareness-raising, and on the implementation of this Directive at national or regional level. Such consultations may also serve to promote the provision of adequate guidance to local planners and building inspectors to carry out the necessary tasks. Furthermore, Member States should enable and encourage architects and planners to properly consider the optimal combination of improvements in energy efficiency, use of energy from renewable sources and use of district heating and cooling when planning, designing, building and renovating industrial or residential areas.	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>consumer organisations and establish multi-level dialogues.</u>		
Recital 56				
66	(56) Installers and builders are critical for the successful implementation of this Directive. Therefore, an adequate number of installers and builders should, through training and other measures, have the appropriate level of competence for the installation and integration of the energy efficient and renewable energy technology required.	(56) Installers and builders are critical for the successful implementation of this Directive. Therefore, an adequate number of installers and builders should, through training and other measures, have the appropriate level of competence for the installation and integration of the energy efficient and renewable energy technology required.	(56) Installers and builders are critical for the successful implementation of this Directive. Therefore, an adequate number of installers and builders should, through training and other measures, have the appropriate level of competence for the installation and integration of the energy efficient and renewable energy technology required.	
Recital 57				
67	(57) In order to further the aim of improving the energy performance of buildings, the power to adopt acts in accordance with Article 290 TFEU should be delegated to the Commission in respect of the adaptation to technical progress of certain parts of the general framework set out in Annex I, in respect of the establishment of a methodology framework for calculating cost-optimal levels of	(57) In order to further the aim of improving the energy performance of buildings, the power— to adopt acts in accordance with Article 290 TFEU— should be delegated to the Commission— in respect of the adaptation to technical progress of certain parts of the general framework set out in Annex I <u>by 31 December 2026,</u> — in respect of <u>the details related to</u> the establishment of a methodology framework for	(57) In order to further the aim of improving the energy performance of buildings, the power— to adopt acts in accordance with Article 290 TFEU— should be delegated to the Commission— in respect of the adaptation to technical progress of certain parts of the general framework set out in Annex I,— in respect of the establishment of a methodology framework for calculating cost-optimal levels of	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	minimum energy performance requirements , in respect of adapting the thresholds for zero-emission buildings and the calculation methodology for life-cycle Global Warming Potential, in respect of the establishment of a common European framework for renovation passports and in respect of a Union scheme for rating the smart readiness of buildings . It is of particular importance that the Commission carry out appropriate consultations during its preparatory work, including at expert level , and that those consultations be conducted in accordance with the principles laid down in the Interinstitutional Agreement of 13 April 2016 on Better Law-Making¹. In particular, to ensure equal participation in the preparation of delegated acts, the European Parliament and the Council receive all documents at the same time as Member States' experts, and their experts systematically have access to meetings of Commission expert groups dealing with the preparation of delegated acts . ¹. OJ L 123, 12.5.2016, p. 1.	calculating cost-optimal levels of minimum energy performance requirements–, in respect of ~~adapting~~<u>the adaptation of</u> the thresholds for zero-emission buildings and the calculation methodology for life-cycle ~~Global Warming Potential~~<u>GWP, in respect of minimum indoor environmental quality standards</u>, in respect of the establishment of a common European framework for renovation passports and in respect of a Union scheme for rating the smart readiness of buildings–. It is of particular importance that the Commission carry out appropriate consultations during its preparatory work, including at expert level–, and that those consultations be conducted in accordance with the principles laid down in the Interinstitutional Agreement of 13 April 2016 on Better Law-Making¹. In particular, to ensure equal participation in the preparation of delegated acts, the European Parliament and the Council receive all documents at the same time as Member States' experts, and their experts systematically have access to meetings of Commission expert	minimum energy performance requirements–, in respect of adapting the ~~thresholds for zero-emission buildings and the calculation methodology for life-cycle Global Warming Potential~~, in respect of the establishment of a common European framework for renovation passports and provided that the report on smart readiness of building is positive, in respect of a Union scheme for rating the smart readiness of buildings–. It is of particular importance that the Commission carry out appropriate consultations during its preparatory work, including at expert level–, and that those consultations be conducted in accordance with the principles laid down in the Interinstitutional Agreement of 13 April 2016 on Better Law-Making¹. In particular, to ensure equal participation in the preparation of delegated acts, the European Parliament and the Council receive all documents at the same time as Member States' experts, and their experts systematically have access to meetings of Commission expert groups dealing with the preparation of delegated acts–.	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		groups dealing with the preparation of delegated acts—. 1. OJ L 123, 12.5.2016, p. 1.	1. OJ L 123, 12.5.2016, p. 1.	
Recital 58				
68	(58) In order to ensure an effective implementation of the provisions laid down in this Directive, the Commission supports Member States through various tools, such as the Technical Support Instrument¹ providing tailor-made technical expertise to design and implement reforms, including those aimed at increasing the annual energy renovation rate of residential and non-residential buildings by 2030 and to foster deep energy renovations. The technical support relates to, for example, strengthening of administrative capacity, supporting policy development and implementation, and sharing of relevant best practices. 1. Regulation (EU) 2021/240 of the European Parliament and of the Council of 10 February 2021 establishing a Technical Support Instrument (OJ L 57, 18.2.2021, p. 1).	(58) In order to ensure an effective implementation of the provisions laid down in this Directive, the Commission supports Member States through various tools, such as the Technical Support Instrument¹ providing tailor-made technical expertise to design and implement reforms, including those aimed at increasing the annual energy renovation rate of residential and non-residential buildings by 2030 and to foster deep energy renovations. The technical support relates to, for example, strengthening of administrative capacity, supporting policy development and implementation, and sharing of relevant best practices. 1. Regulation (EU) 2021/240 of the European Parliament and of the Council of 10 February 2021 establishing a Technical Support Instrument (OJ L 57, 18.2.2021, p. 1).	(58) In order to ensure an effective implementation of the provisions laid down in this Directive, the Commission supports Member States through various tools, such as the Technical Support Instrument¹ providing tailor-made technical expertise to design and implement reforms, including those aimed at increasing the annual energy renovation rate of residential and non-residential buildings by 2030 and to foster deep energy renovations. The technical support relates to, for example, strengthening of administrative capacity, supporting policy development and implementation, and sharing of relevant best practices. 1. Regulation (EU) 2021/240 of the European Parliament and of the Council of 10 February 2021 establishing a Technical Support Instrument (OJ L 57, 18.2.2021, p. 1).	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
Recital 59				
69	(59) Since the objectives of this Directive, namely enhancing the energy performance of buildings and reducing the greenhouse gas emissions from buildings , cannot be sufficiently achieved by the Member States, due to the complexity of the buildings sector and the inability of the national housing markets to adequately address the challenges of energy efficiency, but can rather, by reason of the scale and the effects of the action, be better achieved at Union level, the Union may adopt measures, in accordance with the principle of subsidiarity as set out in Article 5 of the Treaty on European Union. In accordance with the principle of proportionality as set out in that Article, this Directive does not go beyond what is necessary in order to achieve those objectives .	(59) Since the objectives of this Directive, namely enhancing the energy performance of buildings and reducing the greenhouse gas emissions from buildings , cannot be sufficiently achieved by the Member States, due to the complexity of the buildings sector and the inability of the national housing markets to adequately address the challenges of energy efficiency, but can rather, by reason of the scale and the effects of the action, be better achieved at Union level, the Union may adopt measures, in accordance with the principle of subsidiarity as set out in Article 5 of the Treaty on European Union. In accordance with the principle of proportionality as set out in that Article, this Directive does not go beyond what is necessary in order to achieve those objectives—.	(59) Since the— objectives— of this Directive, namely— enhancing the energy performance of buildings and reducing the greenhouse gas emissions from buildings—, cannot be sufficiently achieved by the Member States, due to the complexity of the buildings sector and the inability of the national housing markets to adequately address the challenges of energy efficiency, ~~but can~~ but can rather, ~~by~~ by reason of the scale and the effects of the action, be better achieved at Union level, the Union may adopt measures, in accordance with the principle of subsidiarity as set out in Article 5 of the Treaty on European Union. In accordance with the principle of proportionality as set out in that Article, this Directive does not go beyond what is necessary in order to achieve— those objectives—.	
Recital 60				
70	(60) The legal basis of this	(60) The legal basis of this	(60) The legal basis of this	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	initiative is Article 194(2) TFEU, which empowers the Union to establish the measures necessary to achieve the objectives of the Union with regard to policy on energy. The proposal contributes to the Union's energy policy objectives as outlined in Article 194(1) TFEU, in particular improving the energy performance of buildings and reducing their greenhouse gas emissions, which contributes to preserve and improve the environment.	initiative is Article 194(2) TFEU, which empowers the Union to establish the measures necessary to achieve the objectives of the Union with regard to policy on energy. The proposal contributes to the Union's energy policy objectives as outlined in Article 194(1) TFEU, in particular improving the energy performance of buildings and reducing their greenhouse gas emissions, which contributes to preserve and improve the environment.	initiative is Article 194(2) TFEU, which empowers the Union to establish the measures necessary to achieve the objectives of the Union with regard to policy on energy. The proposal contributes to the Union's energy policy objectives as outlined in Article 194(1) TFEU, in particular improving the energy performance of buildings and reducing their greenhouse gas emissions, which contributes to preserve and improve the environment.	
Recital 61				
71	(61) In accordance with point 44 of the Interinstitutional Agreement on Better Law-Making, Member States should draw up, for themselves and in the interest of the Union, their own tables, illustrating, as far as possible, the correlation between this Directive and the transposition measures, and make them public. In accordance with the Joint Political Declaration of 28 September 2011 of Member States and the Commission on explanatory documents, Member States have undertaken to	(61) In accordance with point 44 of the Interinstitutional Agreement on Better Law-Making, Member States should draw up, for themselves and in the interest of the Union, their own tables, illustrating, as far as possible, the correlation between this Directive and the transposition measures, and make them public. In accordance with the Joint Political Declaration of 28 September 2011 of Member States and the Commission on explanatory documents, Member States have undertaken to	(61) In accordance with point 44 of the Interinstitutional Agreement on Better Law-Making, Member States— should— draw up, for themselves and in the interest of the Union, their own tables, illustrating, as far as possible, the correlation between this Directive and the transposition measures, and make them public.— In accordance with the Joint Political Declaration of 28 September 2011 of Member States and the Commission on explanatory documents, Member States have undertaken to	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	accompany, in justified cases, the notification of their transposition measures with one or more documents explaining the relationship between the components of a directive and the corresponding parts of national transposition instruments. With regard to this Directive, the legislator considers the transmission of such documents to be justified, in particular following the judgment of the European Court of Justice in Case Commission vs Belgium (case C-543/17).	accompany, in justified cases, the notification of their transposition measures with one or more documents explaining the relationship between the components of a directive and the corresponding parts of national transposition instruments. With regard to this Directive, the legislator considers the transmission of such documents to be justified, in particular following the judgment of the European Court of Justice in Case Commission vs Belgium (case C-543/17).	accompany, in justified cases, the notification of their transposition measures with one or more documents explaining the relationship between the components of a directive and the corresponding parts of national transposition instruments. With regard to this Directive, the legislator considers the transmission of such documents to be justified, in particular following the judgment of the European Court of Justice in Case Commission vs Belgium (case C-543/17).	
Recital 62				
72	(62) The obligation to transpose this Directive into national law should be confined to those provisions which represent a substantive amendment as compared to the earlier Directive . The obligation to transpose the provisions which are unchanged arises under the earlier Directive.	(62) The obligation to transpose this Directive into national law should be confined to those provisions which represent a substantive amendment as compared to the earlier Directive . The obligation to transpose the provisions which are unchanged arises under the earlier Directive.	(62) The obligation to transpose this Directive into national law should be confined to those provisions which represent a substantive— amendment— as compared— to the earlier Directive . The obligation to transpose the provisions which are unchanged arises under— the earlier— Directive.	
Recital 63				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
73	(63) This Directive should be without prejudice to the obligations of the Member States relating to the time-limits for the transposition into national law and the dates of application of the Directives set out in Annex VIII, Part B.	(63) This Directive should be without prejudice to the obligations of the Member States relating to the time-limits for the transposition into national law and the dates of application of the Directives set out in Annex VIII, Part B.	(63) This Directive should be without prejudice to the obligations of the Member States relating to the time-limits for ~~the~~ the transposition into national law and the dates of ~~application of the~~ Directives set out in Annex VIII, Part B.	
Formula				
74	HAVE ADOPTED THIS DIRECTIVE:	HAVE ADOPTED THIS DIRECTIVE:	HAVE ADOPTED THIS DIRECTIVE:	
Article 1				
75	Article 1 Subject matter	Article 1 Subject matter	Article 1 Subject matter	Article 1 Subject matter Text Origin: COM Proposal incl. RePowerEU
Article 1(1)				
76	1. This Directive promotes the improvement of the energy performance of buildings and the reduction of greenhouse gas emissions from buildings within	1. This Directive promotes the improvement of the energy performance of buildings ~~and~~ the reduction of greenhouse gas emissions from buildings ~~within~~	1. This Directive promotes the improvement of the energy performance of buildings ~~and~~ the reduction of greenhouse gas emissions from buildings ~~within~~	1. This Directive promotes the improvement of the energy performance of buildings ~~and~~ the reduction of greenhouse gas emissions from buildings ~~within~~

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	the Union, with a view to achieving a zero-emission building stock by 2050 taking into account outdoor climatic and local conditions, as well as indoor climate requirements and cost-effectiveness.	the Union, ~~–~~ with a view to achieving a zero-emission building stock by 2050 ~~–~~ taking into account <u>the</u> outdoor climatic ~~and~~ <u>conditions, the</u> local conditions, ~~as well as the~~ <u>requirements for</u> indoor ~~climate requirements~~ <u>environmental quality and the contribution of the building stock to demand-side flexibility for the purpose of improving energy system efficiency</u> and cost-effectiveness.	the Union, ~~–~~ with a view to achieving a zero-emission building stock by 2050 ~~–~~ taking into account outdoor climatic and local conditions, as well as indoor climate requirements and cost-effectiveness.	the Union, ~~–~~ with a view to achieving a zero-emission building stock by 2050 ~~–~~ taking into account <u>the</u> outdoor climatic ~~and~~ <u>conditions, the</u> local conditions, ~~as well as the~~ <u>requirements for</u> indoor ~~climate requirements~~ <u>environmental quality</u> and cost-effectiveness. trilogue 31 August
Article 1(2)				
77	2. This Directive lays down requirements as regards:	2. This Directive lays down requirements as regards:	2. This Directive lays down requirements as regards:	2. This Directive lays down requirements as regards: Text Origin: COM Proposal incl. RePowerEU
Article 1(2), point (a)				
78	(a) the common general framework for a methodology for calculating the integrated energy performance of buildings and building units;	(a) the common general framework for a methodology for calculating the integrated energy performance of buildings and building units;	(a) the common general framework for a methodology for calculating the integrated energy performance of buildings and building units;	(a) the common general framework for a methodology for calculating the integrated energy performance of buildings and building units; Text Origin: COM Proposal incl. RePowerEU

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	Article 1(2), point (b)			
79	(b) the application of minimum requirements to the energy performance of new buildings and new building units;	(b) the application of minimum requirements to the energy performance of new buildings and new building units;	(b) the application of minimum requirements to the energy performance of new buildings and new building units;	(b) the application of minimum requirements to the energy performance of new buildings and new building units; Text Origin: COM Proposal incl. RePowerEU
	Article 1(2), point (c)			
80	(c) the application of minimum requirements to the energy performance of:	(c) the application of minimum requirements to the energy performance of:	(c) the application of minimum requirements to the energy performance of:	(c) the application of minimum requirements to the energy performance of: Text Origin: COM Proposal incl. RePowerEU
	Article 1(2), point (c)(i)			
81	(i) existing buildings and building units that are subject to major renovation;	(i) existing buildings ~~and~~ <u>and</u> building units ~~that~~ that are subject to major renovation;	(i) existing buildings ~~and~~ <u>and</u> building units ~~that~~ that are subject to major renovation;	(i) existing buildings ~~and~~ <u>and</u> building units ~~that~~ that are subject to major renovation; Text Origin: Council Mandate
	Article 1(2), point (c)(ii)			
82	(ii) building elements that form	(ii) building elements that form	(ii) building elements that form	(ii) building elements that form

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	part of the building envelope and that have a significant impact on the energy performance of the building envelope when they are retrofitted or replaced;	part of the building envelope and that have a significant impact on the energy performance of the building envelope when they are retrofitted or replaced;	part of the building envelope and that have a significant impact on the energy performance of the building envelope when they are retrofitted or replaced;	part of the building envelope and that have a significant impact on the energy performance of the building envelope when they are retrofitted or replaced; Text Origin: COM Proposal incl. RePowerEU
Article 1(2), point (c)(iii)				
83	(iii) technical building systems whenever they are installed, replaced or upgraded;	(iii) technical building systems whenever they are installed, replaced or upgraded;	(iii) technical building systems whenever they are installed, replaced or upgraded;	(iii) technical building systems whenever they are installed, replaced or upgraded; Text Origin: COM Proposal incl. RePowerEU
Article 1(2), point (d)				
84	(d) the application of minimum energy performance standards to existing buildings and existing building units;	(d) the application of minimum energy performance standards to existing buildings and existing building units, <u>in accordance with Articles 3 and 9</u> ;	(d) the application of minimum energy performance standards to existing buildings and existing building units;	(d) the application of minimum energy performance standards to existing buildings and existing building units, <u>in accordance with Articles 3 and 9</u> ; Text Origin: EP Mandate
Article 1(2), point (da)				
84a		<u>(da) a harmonised framework for</u>		<u>(da) the calculation and</u>

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>assessing the life-cycle global warming potential;</u>		<u>disclosure of the life-cycle Global Warming Potential of buildings.</u> Council text from line 91b Compromise following 6 June trilogue
Article 1(2), point (db)				
84b		<u>(db) solar energy in buildings;</u>		<u>(db) solar energy in buildings;</u> Compromise following 6 June trilogue Text Origin: EP Mandate
Article 1(2), point (dc)				
84c		<u>(dc) the phasing out of fossil fuel use in buildings;</u>		deleted trilogue 31 August
Article 1(2), point (e)				
85	(e) renovation passports;	(e) renovation passports;	(e) renovation passports;	(e) renovation passports; Text Origin: COM Proposal incl. RePowerEU
Article 1(2), point (f)				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
86	(f) national building renovation plans;	(f) national building renovation plans;	(f) national building renovation plans;	(f) national building renovation plans; Text Origin: COM Proposal incl. RePowerEU
Article 1(2), point (g)				
87	(g) sustainable mobility infrastructure in and adjacent to buildings; and	(g) sustainable mobility infrastructure in and adjacent to buildings; and	(g) sustainable mobility infrastructure in and adjacent to buildings; and	(g) sustainable mobility infrastructure in and adjacent to buildings; and Text Origin: COM Proposal incl. RePowerEU
Article 1(2), point (h)				
88	(h) smart buildings;	(h) smart buildings;	(h) smart buildings;	(h) smart buildings; Text Origin: COM Proposal incl. RePowerEU
Article 1(2), point (ha)				
88a		<u>(ha) nature-based solutions that reinforce the good use and adaptation of the public space surrounding the buildings with elements such as wood materials, greens roofs and facades and solutions that are inspired and</u>		deleted Compromise following 6 June trilogue

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>supported by nature, which can simultaneously provide environmental, social and economic benefits and help build resilience;</u>		
Article 1(2), point (i)				
89	(i) energy performance certification of buildings or building units;	(i) energy performance certification of buildings or building units;	(i) energy– performance certification of buildings or building units;	(i) energy performance certification of buildings or building units; Text Origin: COM Proposal incl. RePowerEU
Article 1(2), point (j)				
90	(j) regular inspection of heating , ventilation and air-conditioning systems in buildings;	(j) regular inspection of heating , ventilation and air-conditioning systems in buildings;	(j) regular inspection of heating–, ventilation– and air-conditioning systems in buildings;	(j) regular inspection of heating , ventilation and air-conditioning systems in buildings; Text Origin: COM Proposal incl. RePowerEU
Article 1(2), point (k)				
91	(k) independent control systems for energy performance certificates , renovation passports, smart readiness indicators and inspection reports.	(k) independent control systems for energy performance certificates , renovation passports, smart readiness indicators and inspection reports;	(k) independent control systems for energy performance certificates , renovation passports, smart readiness indicators– and inspection reports;	(k) independent control systems for energy performance certificates , renovation passports, smart readiness indicators and inspection reports.

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				Text Origin: COM Proposal incl. RePowerEU
Article 1(2), point (ka)				
91a		<u>(ka) the indoor environmental quality performance of buildings.</u>		<u>(ka) the indoor environmental quality performance of buildings.</u> trilogue 31 August Text Origin: EP Mandate
Article 1(2), point (kb)				
91b			(ka) the calculation and disclosure of the life-cycle Global Warming Potential of buildings.	<i>deleted</i> Compromise following 6 June trilogue moved to line 84a; line 91b to be deleted
Article 1(3)				
92	3. The requirements laid down in this Directive are minimum requirements and shall not prevent any Member State from maintaining or introducing more stringent measures. Such measures shall be compatible with the TFEU	3. The requirements laid down in this Directive are minimum requirements and shall not prevent any Member State from maintaining or introducing more stringent measures. Such measures shall be compatible with the TFEU	3. The requirements laid down in this Directive are minimum requirements and shall not prevent any Member State from maintaining or introducing more stringent measures, provided that such measures ~~shall be~~ are	3. The requirements laid down in this Directive are minimum requirements and shall not prevent any Member State from maintaining or introducing more stringent measures, <u>provided that</u> such measures ~~shall be~~ <u>are</u>

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	. They shall be notified to the Commission.	. They shall be notified to the Commission.	compatible with the ~~TFEU~~ TFEU . They shall be notified to the Commission.	compatible with the ~~TFEU~~ <u>TFEU</u> . They shall be notified to the Commission. Compromise following 6 June trilogue Text Origin: Council Mandate
Article 2				
93	Article 2 Definitions	Article 2 Definitions	Article 2 Definitions	Article 2 Definitions Text Origin: COM Proposal incl. RePowerEU
Article 2, first paragraph				
94	For the purpose of this Directive, the following definitions apply:	For the purpose of this Directive, the following definitions apply:	For the purpose of this Directive, the following definitions– apply:	For the purpose of this Directive, the following definitions apply: Text Origin: COM Proposal incl. RePowerEU
Article 2, first paragraph, point (1)				
95	1. ‘building’ means a roofed construction having walls, for which energy is used to condition the indoor climate;	1. ‘building’ means a roofed construction having walls, for which energy is used to condition the indoor ~~climate~~ <u>environment</u> ;	1. ‘building’ means a roofed construction having walls, for which energy is used to condition the indoor climate;	1. ‘building’ means a roofed construction having walls, for which energy is used to condition the indoor ~~climate~~ <u>environment</u> ;

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	Article 2, first paragraph, point (2)			
96	2. ‘zero-emission building’ means a building with a very high energy performance, as determined in accordance with Annex I, where the very low amount of energy still required is fully covered by energy from renewable sources generated on-site, from a renewable energy community within the meaning of Directive (EU) 2018/2001 [amended RED] or from a district heating and cooling system, in accordance with the requirements set out in Annex III;	2. ‘zero-emission building’ means a building with a very high energy performance, as determined in accordance with ~~Annex I, where the very low amount of energy still required is fully covered by~~ <u>Annexes I and III, which contributes to the optimisation of the energy from renewable sources generated on-site, from a renewable energy community within the meaning of Directive (EU) 2018/2001 [amended RED] or from a district heating and cooling system, in accordance with the requirements set out in Annex III;</u> <u>system through demand-side flexibility, where any very low residual amount of energy still required is fully covered by energy from:</u>	2. ‘zero-emission building’ means a building with a very high energy performance, as determined in accordance with Annex I, ~~where~~ <u>requiring zero or a</u> very low amount of energy, producing zero on-site carbon emissions from fossil fuels and producing zero or a very low amount of operational greenhouse gas emissions ~~still required is fully covered by energy from renewable sources generated on-site, from a renewable energy community within the meaning of Directive (EU) 2018/2001 [amended RED] or from a district heating and cooling system, in accordance with the requirements set out in Annex III~~ Article 9b;	2. ‘zero-emission building’ means a building with a very high energy performance, as determined in accordance with Annex I, ~~where~~ <u>requiring zero or a</u> very low amount of energy, <u>producing zero on-site carbon emissions from fossil fuels and producing zero or a very low amount of operational greenhouse gas emissions</u> ~~still required is fully covered by energy from renewable sources generated on-site, from a renewable energy community within the meaning of Directive (EU) 2018/2001 [amended RED] or from a district heating and cooling system, in accordance with the requirements set out in Annex III;~~ Article 9b.
	Article 2, first paragraph, point (2a)			
96a		<u>(a) renewable sources generated or stored on-site;</u>		deleted
	Article 2, first paragraph, point (2b)			
96b				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>(b) renewable sources generated nearby off-site and delivered through the grid in accordance with Directive (EU) 2018/2001 [amended RED];</u>		<i>deleted</i>
Article 2, first paragraph, point (2c)				
96c		<u>(c) a renewable energy community within the meaning of Directive (EU) 2018/2001 [amended RED]; or</u>		<i>deleted</i>
Article 2, first paragraph, point (2d)				
96d		<u>(d) renewable energy and waste heat from an efficient district heating and cooling system within the meaning of Directive (EU) .../... [recast EED], in accordance with the requirements set out in Annex III;</u>		<i>deleted</i>
Article 2, first paragraph, point (3)				
97	3. ‘nearly zero-energy building’ means a building with a very high energy performance, as determined in accordance with Annex I , which cannot be lower	3. ‘nearly zero-energy building’ means a building with a very high energy performance, as determined in accordance with Annex I , which cannot be lower	3. ‘nearly zero-energy building’ means a building ~~with~~ with a very high energy performance, as determined in accordance with Annex I–, which cannot be lower	3. ‘nearly zero-energy building’ means a building ~~with~~ with a very high energy performance, as determined in accordance with Annex I–, which cannot be lower

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	than the 2023 cost-optimal level reported by Member States in accordance with Article 6(2) and where the nearly zero or very low amount of energy required is covered to a very significant extent by energy from renewable sources, including energy from renewable sources produced on-site or nearby;	than the 2023 cost-optimal level reported by Member States in accordance with Article 6(2) and where the nearly zero or very low amount of energy required is covered to a very significant extent by energy from renewable sources, including energy from renewable sources produced on-site or nearby;	than the 2023 cost-optimal level reported by Member States in accordance with Article 6(2) and where— the nearly zero or very low amount of energy required— ~~is~~ is covered to a very significant extent by energy from renewable sources, including energy from renewable sources produced on-site or nearby;	than the 2023 cost-optimal level reported by Member States in accordance with Article 6(2) and where— ~~the~~ the nearly zero or very low amount of energy required— ~~is~~ is covered to a very significant extent by energy from renewable sources, including energy from renewable sources produced on-site or nearby;
Article 2, first paragraph, point (3a)				
97a		<u>(3a) ‘worst-performing building’ means a building classified in energy performance classes E, F or G;</u>		<u>(3a) ‘worst-performing buildings’ means buildings which are within the 43% of buildings with the lowest energy performance in the national building stock;</u> Trilogue 12 October
Article 2, first paragraph, point (3b)				
97b		<u>(3b) ‘passive system’ means a design principle or a building element that maintains or improves energy performance or one or more indoor environment parameters with no assistance from an energy source;</u>		<i>deleted</i>
Article 2, first paragraph, point (4)				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
Y	98	4. ‘minimum energy performance standards’ means rules that require existing buildings to meet an energy performance requirement as part of a wide renovation plan for a building stock or at a trigger point on the market (sale or rent), in a period of time or by a specific date, thereby triggering renovation of existing buildings;	4. ‘minimum energy performance standards’ means rules that require existing buildings to meet an energy performance requirement as part of a wide renovation plan for a building stock or at a trigger point on the market (sale , rent, donation or change of purpose within the cadastre or land registry ~~or rent~~), in a period of time or by a specific date, thereby triggering renovation of existing buildings;	
	Article 2, first paragraph, point (4a)			
Y	98a	<u>(4a) ‘energy efficiency first’ means energy efficiency first as defined in Article 2, point (18), of Regulation (EU) 2018/1999;</u>		linked to changes in recital 29, if agreed, can be dropped
	Article 2, first paragraph, point (5)			
G	99	5. ‘public bodies’ means ~~‘contracting authorities’~~ public bodies as defined in Article ~~2(1) of Directive 2014/24/EU of the European Parliament and of the Council~~ ¹ ; <u>2, point (10), of Directive (EU) .../... [recast EED];</u>	5. ‘public bodies’ means ~~‘contracting authorities’~~ as defined in Article 2(1) of Directive 2014/24/EU of the European Parliament and of the Council ¹ public bodies within the meaning of Article. 2(10) of	5. ‘public bodies’ means ~~‘contracting authorities’ as defined in Article 2(1) of Directive 2014/24/EU of the European Parliament and of the Council~~ ¹ public bodies within the meaning of Article. 2(10) of

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		~~1. OJ L 94, 28.3.2014, p. 65.~~	[recast EED] ;” ~~1. OJ L 94, 28.3.2014, p. 65.~~	<u>[recast EED] ;”</u> ~~1. OJ L 94, 28.3.2014, p. 65.~~
Article 2, first paragraph, point (6)				
100	6. ‘technical building system’ means technical equipment for space heating, space cooling, ventilation, domestic hot water, built-in lighting, building automation and control, on-site renewable energy generation and storage , or a combination thereof, including those systems using energy from renewable sources, of a building or building unit;	6. ‘technical building system’ means technical equipment for space heating, space cooling, ventilation, domestic hot water, built-in lighting, building automation and control, <u>electrically operated solar shading, electrical installations, electric-vehicles charging stations, on-site</u> ~~on-site~~ renewable energy—generation and storage—, or a combination thereof, including those systems using energy from renewable sources, of a building or building unit;	6. ‘technical building system’ means technical equipment for space heating, space cooling, ventilation, domestic hot water, built-in lighting, building automation and control, on-site renewable energy— generation— ~~and~~ and energy storage—, or a combination thereof, including those systems using energy from renewable sources, of a building or building unit;	6. ‘technical building system’ means technical equipment for space heating, space cooling, ventilation, domestic hot water, built-in lighting, building automation and control, on-site renewable energy—generation ~~and~~ <u>and energy</u> storage—, or a combination thereof, including those systems using energy from renewable sources, of a building or building unit; trilogue 31 August Text Origin: Council Mandate
Article 2, first paragraph, point (6a)				
100a		<u>(6a) ‘demand-side flexibility’ means the capacity of active customers to react to external signals and adjust their energy generation and consumption, individually or through</u>		<i>deleted</i> Tech. follow-up to 12 Oct Trilogue

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>aggregation, in a dynamic time-dependent way, which may be provided by smart, decentralised energy resources, including demand management, energy storage, and distributed renewable generation, to support a more reliable, sustainable and efficient energy system;</u>		
Article 2, first paragraph, point (6b)				
100b		<u>(6b) 'cooling system' means a combination of passive and active components required to provide a form of indoor air treatment by which the temperature is lowered;</u>		deleted
Article 2, first paragraph, point (6c)				
100c		<u>(6c) 'electrical installation' means a system composed of fixed components, including switchboards, electrical cables, earthing systems, sockets, switches and light fittings, which have the purpose of distributing electrical power within a building to all points of use or transmit electricity generated on-site;</u>		deleted trilogue 31 August

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
<i>Article 2, first paragraph, point (6d)</i>				
100d		<u>(6d) ‘system efficiency’ means the selection of energy-efficient solutions which enable a cost-effective decarbonisation pathway, additional flexibility and the efficient use of resources;</u>		<i>deleted</i>
<i>Article 2, first paragraph, point (6e)</i>				
100e		<u>(6e) ‘ventilation system’ means a combination of components required to provide a renewal of indoor air by outdoor air;</u>		<i>deleted</i>
<i>Article 2, first paragraph, point (7)</i>				
101	7. ‘building automation and control system’ means a system comprising all products, software and engineering services that can support energy efficient, economical and safe operation of technical building systems through automatic controls and by facilitating the manual management of those technical building systems;	7. ‘building automation and control system’ means a system comprising all products, software and engineering services that can support energy efficient, economical and safe operation of technical building systems through automatic controls and by facilitating the manual management of those technical building systems;	7. ‘building automation and control system’ means a system comprising all products, software and engineering services that can support energy efficient, economical and safe operation of technical building systems through automatic controls and by facilitating the manual management of those technical building systems;	7. ‘building automation and control system’ means a system comprising all products, software and engineering services that can support energy efficient, economical and safe operation of technical building systems through automatic controls and by facilitating the manual management of those technical building systems; trilogue 31 August

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				Text Origin: COM Proposal incl. RePowerEU
Article 2, first paragraph, point (8)				
102	8. ‘energy performance of a building’ means the calculated or metered amount of energy needed to meet the energy demand associated with a typical use of the building, which includes, inter alia, energy used for heating, cooling, ventilation, hot water and lighting;	8. ‘energy performance of a building’ means the calculated or metered—amount of energy needed to meet the energy demand associated with a typical use of the building, which includes, inter alia, energy used for heating, cooling, ventilation, hot water, <u>lighting and technical building systems</u> ~~and lighting~~ ;	8. ‘energy performance of a building’ means the calculated or metered— amount of energy needed to meet the energy demand associated with a typical use of the building, which includes, inter alia, energy used for heating, cooling, ventilation, hot water and lighting;	8. ‘energy performance of a building’ means the calculated or metered—amount of energy needed to meet the energy demand associated with a typical use of the building, which includes, inter alia, energy used for heating, cooling, ventilation, <u>domestic</u> hot water and lighting;
Article 2, first paragraph, point (9)				
103	9. ‘primary energy’ means energy from renewable and non-renewable sources which has not undergone any conversion or transformation process;	9. ‘primary energy’ means energy from renewable and non-renewable sources which has not undergone any conversion or transformation process;	9. ‘primary energy’ means energy from renewable and non-renewable sources which has not undergone any conversion or transformation process;	9. ‘primary energy’ means energy from renewable and non-renewable sources which has not undergone any conversion or transformation process; Text Origin: COM Proposal incl. RePowerEU
Article 2, first paragraph, point (9a)				
103a		<u>(9a) ‘final energy’ means energy</u>		

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>from renewable or non-renewable sources that has undergone a conversion or transformation process for the purpose of ensuring that it is ready for consumption and supply to end-users;</u>		<i>deleted</i>
Article 2, first paragraph, point (9b)				
103b		<u>(9b) 'metered' means measured by a relevant device, such as an energy meter, a power meter, a power metering and monitoring device, or an electricity meter;</u>		<u>(9b) 'metered' means measured by a relevant device, such as an energy meter, a power meter, a power metering and monitoring device, or an electricity meter;</u> Text Origin: EP Mandate
Article 2, first paragraph, point (10)				
104	10. 'non-renewable primary energy factor' means non-renewable primary energy for a given energy carrier, including the delivered energy and the calculated energy overheads of delivery to the points of use, divided by the delivered energy;	10. 'non-renewable primary energy factor' means non-renewable primary energy for a given energy carrier, including the delivered energy and the calculated energy overheads of delivery to the points of use, divided by the delivered energy;	10. 'non-renewable primary energy factor' means non-renewable primary energy for a given energy carrier, including the delivered energy and the calculated energy overheads of delivery to the points of use, divided by the delivered energy;	10. 'non-renewable primary energy factor' means non-renewable primary energy for a given energy carrier, including the delivered energy and the calculated energy overheads of delivery to the points of use, divided by the delivered energy; Text Origin: COM Proposal incl. RePowerEU

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
Article 2, first paragraph, point (11)				
G 105	11. ‘renewable primary energy factor’ means renewable primary energy from an on-site, nearby or distant energy source that is delivered via a given energy carrier, including the delivered energy and the calculated energy overheads of delivery to the points of use, divided by the delivered energy;	11. ‘renewable primary energy factor’ means renewable primary energy from an on-site, nearby or distant energy source that is delivered via a given energy carrier, including the delivered energy and the calculated energy overheads of delivery to the points of use, divided by the delivered energy;	11. ‘renewable primary energy factor’ means renewable primary energy from an on-site, nearby or distant energy source that is delivered via a given energy carrier, including the delivered energy and the calculated energy overheads of delivery to the points of use, divided by the delivered energy;	11. ‘renewable primary energy factor’ means renewable primary energy from an on-site, nearby or distant energy source that is delivered via a given energy carrier, including the delivered energy and the calculated energy overheads of delivery to the points of use, divided by the delivered energy;
Article 2, first paragraph, point (12)				
Y 106	12. ‘total primary energy factor’ means the weighted sum of renewable and non-renewable primary energy factors for a given energy carrier;	12. ‘total primary energy factor’ means the weighted sum of renewable and non-renewable primary energy factors for a given energy carrier;	12. ‘total primary energy factor’ means the weighted sum of renewable and non-renewable primary energy factors for a given energy carrier;	
Article 2, first paragraph, point (13)				
G 107	13. ‘energy from renewable sources’ means energy from renewable non-fossil sources, namely wind, solar (solar thermal and solar photovoltaic) , and geothermal energy , ambient energy, tide, wave and other ocean energy, hydropower,	13. ‘energy from renewable sources’ <u>or ‘renewable energy’</u> means energy from renewable non-fossil sources, ~~namely wind, solar (solar thermal and solar photovoltaic) , and geothermal energy~~ <u>as defined in Article 2, ambient energy, tide, wave and</u>	13. ‘energy from renewable sources’ means energy from renewable non-fossil sources, namely wind, solar– (solar thermal and solar photovoltaic)–, ~~and~~ and geothermal– energy–, ambient energy, tide, wave– ~~and~~ and other– ocean energy,	13. ‘energy from renewable sources’ means energy from renewable non-fossil sources, namely wind, solar– (solar thermal and solar photovoltaic)–, ~~and~~ <u>and</u> geothermal– energy–, ambient energy, tide, wave– ~~and~~ <u>and</u> other– ocean energy,

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	biomass, landfill gas, sewage treatment plant gas, and biogas;	~~other ocean energy, hydropower, biomass, landfill gas, sewage treatment plant gas, and biogas~~ <u>point (1), of Directive (EU) 2018/2001;</u>	hydropower, biomass, landfill gas, sewage treatment plant gas, and biogas;	hydropower, biomass, landfill gas, sewage treatment plant gas, and biogas;
Article 2, first paragraph, point (14)				
108	14. 'building envelope' means the integrated elements of a building which separate its interior from the outdoor environment;	14. 'building envelope' means the integrated elements of a building which separate its interior from the outdoor environment;	14. 'building envelope' means the integrated elements of a building which separate its interior from the outdoor environment;	14. 'building envelope' means the integrated elements of a building which separate its interior from the outdoor environment; Text Origin: COM Proposal incl. RePowerEU
Article 2, first paragraph, point (15)				
109	15. 'building unit' means a section, floor or apartment within a building which is designed or altered to be used separately;	15. 'building unit' means a section, floor or apartment within a building which is designed or altered to be used separately;	15. 'building unit' means a section, floor or apartment within a building which is designed or altered to be used separately;	15. 'building unit' means a section, floor or apartment within a building which is designed or altered to be used separately; Text Origin: COM Proposal incl. RePowerEU
Article 2, first paragraph, point (16)				
110	16. 'building element' means a technical building system or an element of the building envelope;	16. 'building element' means a technical building system or an element of the building envelope;	16. 'building element' means a technical building system or an element of the building envelope;	16. 'building element' means a technical building system or an element of the building envelope;

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				Text Origin: COM Proposal incl. RePowerEU
Article 2, first paragraph, point (17)				
G 111	17. ‘dwelling’ means a room or suite of rooms in a permanent building or a structurally separated part of a building which is designed for habitation by one private household all year round;	17. ‘dwelling’ means a <u>physical space consisting of a</u> room or suite of rooms in a permanent building or a structurally separated part of a building which is designed for habitation by one private household <u>to develop their basic life functions</u> all year round;	17. ~~‘dwelling’~~ residential building unit means a room or suite of rooms in a permanent building or a structurally separated part of a building which is designed for habitation by one private household all year round;	17. ~~‘dwelling’~~ residential building or building unit means a room or suite of rooms in a permanent building or a structurally separated part of a building which is designed for habitation by one private household all year round; CHANGE IN ALL TEXT DWELLING INTO RBU+RB
Article 2, first paragraph, point (18)				
Y 112	18. ‘renovation passport’ means a document that provides a tailored roadmap for the renovation of a specific building in several steps that will significantly improve its energy performance;	18. ‘renovation passport’ means a document that provides a tailored roadmap for the <u>deep</u> renovation of a specific building in ~~several~~ <u>maximum number of</u> steps that will ~~significantly improve its energy performance~~ <u>transform the building into a zero emission building by 2050 at the latest</u> ;	18. ‘renovation passport’ means a ~~document that provides a tailored~~ roadmap for the renovation of a specific building in several steps that will significantly improve its energy performance;	to align
Article 2, first paragraph, point (19)				
G 113				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	19. ‘deep renovation’ means a renovation which transforms a building or building unit	19. ‘deep renovation’ means a renovation <u>in line with the energy efficiency first principle and efforts to reduce whole life-cycle greenhouse gas emissions generated during the renovation, which focuses on essential building items, such as wall insulation, roof insulation, low floor insulation, replacement of external joinery, ventilation and heating or heating systems and treatment of thermal bridges, to ensure the necessary comfort of the occupants in summer and winter or a renovation resulting in a reduction of at least 60% primary energy demand for worst-performing buildings for which it is technically and economically not feasible to achieve a zero-emission building standard, and</u> which transforms a building or building unit.	19. ‘deep renovation’ means a renovation which transforms a building or building unit	19. ‘deep renovation’ means a renovation <u>in line with the energy efficiency first principle and which focuses on essential building elements, and</u> which transforms a building or building unit. recital to be added from EP mandate as of "such as..." Trilogue 12 October trilogue 31 August
Article 2, first paragraph, point (19)(a)				
114	(a) before 1 January 2030, into a nearly zero-energy building;	(a) before 1 January ~~2030~~ 2027, into a nearly zero-energy building;	(a) before 1 January 2030, into a nearly zero-energy building;	(a) before 1 January 2030, into a nearly zero-energy building; Trilogue 12 October

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				Text Origin: COM Proposal incl. RePowerEU
Article 2, first paragraph, point (19)(b)				
115	(b) as of 1 January 2030, into a zero-emission building;	(b) ~~as of~~ from 1 January ~~2030~~ 2027, into a zero-emission building;	(b) as of 1 January 2030, into a zero-emission building;	(b) as of 1 January 2030, into a zero-emission building; Trilogue 12 October Text Origin: COM Proposal incl. RePowerEU
Article 2, first paragraph, point (20)				
116	20. ‘staged deep renovation’ means a deep renovation carried out in several steps, following the steps set out in a renovation passport in accordance with Article 10;	20. ‘staged deep renovation’ means a deep renovation carried out in ~~several~~ a maximum number of steps, following the steps set out in a renovation passport in accordance with Article 10, <u>which may include the use of energy performance contracts</u> ;	20. ‘staged deep renovation’ means a deep renovation carried out in several steps, following the steps set out in a renovation passport in accordance with Article 10;	20. ‘staged deep renovation’ means a deep renovation carried out in ~~several~~ a maximum number of steps, following the steps set out in a renovation passport in accordance with Article 10; Text Origin: EP Mandate
Article 2, first paragraph, point (21), first subparagraph				
117	21. ‘major renovation’ means the renovation of a building where:	21. ‘major renovation’ means the renovation of a building where <u>either, depending on the choice of a Member State</u> :	21. ‘major renovation’ means the renovation of a building where:	21. ‘major renovation’ means the renovation of a building where: Text Origin: Council Mandate

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
Article 2, first paragraph, point (21), first subparagraph, point (a)				
118	(a) the total cost of the renovation relating to the building envelope or the technical building systems is higher than 25 % of the value of the building, excluding the value of the land upon which the building is situated; or	(a) the total cost of the renovation relating to the building envelope or the technical building systems is higher than 25 % of the value of the building, excluding the value of the land upon which the building is situated; or	(a) the total cost of the renovation relating to the building envelope or the technical building systems is higher than 25 % of the value of the building, excluding the value of the land upon which the building is situated; or	(a) the total cost of the renovation relating to the building envelope or the technical building systems is higher than 25 % of the value of the building, excluding the value of the land upon which the building is situated; or Text Origin: COM Proposal incl. RePowerEU
Article 2, first paragraph, point (21), first subparagraph, point (b)				
119	(b) more than 25 % of the surface of the building envelope undergoes renovation;	(b) more than 25 % of the surface of the building envelope undergoes renovation;	(b) more than 25 % of the surface of the building envelope undergoes renovation;	(b) more than 25 % of the surface of the building envelope undergoes renovation; Text Origin: COM Proposal incl. RePowerEU
Article 2, first paragraph, point (21), second subparagraph				
120	Member States may choose to apply option (a) or (b).	<i>deleted</i>	——Member States may choose to apply option (a) or (b).	Member States may choose to apply option (a) or (b).
Article 2, first paragraph, point (22)				
121	22. “operational greenhouse gas emissions” means greenhouse gas	22. “operational greenhouse gas emissions” means greenhouse gas	22. “operational greenhouse gas emissions” means greenhouse gas	22. “operational greenhouse gas emissions” means greenhouse gas

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	emissions associated with energy consumption of the technical building systems during use and operation of the building;	emissions associated with energy consumption of the technical building systems during use and operation of the building;	emissions associated with energy consumption of the technical building systems during use and operation of the building;	emissions associated with energy consumption of the technical building systems during use and operation of the building;
Article 2, first paragraph, point (23)				
122	23. ‘whole life-cycle greenhouse gas emissions’ means the combined greenhouse gas emissions associated with the building at all stages of its life-cycle, from the ‘cradle’ (the extraction of the raw materials that are used in the construction of the building) over the material production and processing, and the building’s operation stage, to the ‘grave’ (the deconstruction of the building and reuse, recycling, other recovery and disposal of its materials);	23. ‘whole life-cycle greenhouse gas emissions’ means the combined greenhouse gas emissions associated with the building at all stages of its life-cycle, <u>considering the benefits from reuse and recycling at the end-of-life</u> , from the ‘cradle’ (the extraction of the raw materials that are used in the construction of the building) over the material production and processing, and the building’s operation stage, to the <u>‘grave end of life’</u> (the deconstruction of the building and reuse, recycling, other recovery and disposal of its materials);	23. ‘whole life-cycle greenhouse gas emissions’ means the ~~combined greenhouse gas emissions associated with the building at all stages of its life-cycle, from the ‘cradle’ (the extraction of the raw materials that are used~~ emissions that occur over the life cycle of the buildings, including production of construction products, their transport, construction site activities, use of energy in the ~~construction of the building) over the material production and processing, and the building’s operation stage, to the ‘grave’ (the deconstruction of the building and reuse, recycling, other recovery and~~ and replacement of construction products, as well as demolition, transport and management of waste materials and their final disposal of its materials);	23. ‘whole life-cycle greenhouse gas emissions’ means ~~the combined~~ greenhouse gas emissions ~~associated with the building at all stages of its life-cycle, from the ‘cradle’ (the extraction of the raw materials that are used~~ that occur over the whole life cycle of the buildings, including production of construction products, their transport, construction site activities, use of energy in the ~~construction of the building) over the material production and processing, and the building’s operation stage, to the ‘grave’ (the deconstruction of the building and reuse, recycling, other recovery and~~ and replacement of construction products, as well as demolition, transport and management of waste materials and their final disposal of its materials);

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				to insert re-use and recycling, for confirmation
Article 2, first paragraph, point (24)				
123	24. 'Life-cycle Global Warming Potential (GWP)' means an indicator which quantifies the global warming potential contributions of a building along its full life-cycle;	24. 'life-cycle global warming potential' <u>'or 'life-cycle GWP' (GWP)</u> means an indicator which quantifies the global warming potential contributions of a building along its full life-cycle;	24. 'Life-cycle Global Warming Potential (GWP)' means an indicator which quantifies the global warming potential contributions of a building along its full life-cycle;	24. 'Life-cycle Global Warming Potential (GWP)' means an indicator which quantifies the global warming potential contributions of a building along its full life-cycle; Text Origin: COM Proposal incl. RePowerEU
Article 2, first paragraph, point (25)				
124	25. 'split incentives' means split incentives as defined in Article 2(52) of [recast EED];	25. ~~'split incentives'~~ means split incentives as defined in Article 2(52) of [recast EED];	25. 'split incentives' means split incentives as defined in Article 2(52) of [recast EED];	25. 'split incentives' means split incentives as defined in Article 2(~~52~~ <u>54</u>) of ~~freecast EED~~ <u>Directive (EU) 2023/1791</u> ; Text Origin: COM Proposal incl. RePowerEU
Article 2, first paragraph, point (26)				
125	26. 'energy poverty' means energy poverty as defined in Article 2(49) of [recast EED];	26. 'energy poverty' means energy poverty as defined in Article 2(49) of [recast EED];	26. 'energy poverty' means energy poverty as defined in Article 2(49) of [recast EED];	26. 'energy poverty' means energy poverty as defined in Article 2(~~49~~ <u>52</u>) of ~~freecast EED~~ <u>Directive (EU) 2023/1791</u> ;

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				Text Origin: COM Proposal incl. RePowerEU
Article 2, first paragraph, point (27)				
Y	126	27. 'vulnerable households' means households in energy poverty or households, including lower middle-income ones, that are particularly exposed to high energy costs and lack the means to renovate the building they occupy;	27. 'vulnerable households' means households in <u>or at risk of</u> energy poverty or households, including lower middle-income ones, that are particularly exposed to high energy costs and lack the means to renovate the building they occupy;	27. 'vulnerable households' means households in energy poverty or households, including lower middle-income ones, that are particularly exposed to high energy costs and lack the means to renovate the building they occupy;
Article 2, first paragraph, point (28)				
G	127	28. 'European standard' means a standard adopted by the European Committee for Standardisation, the European Committee for Electrotechnical Standardisation or the European Telecommunications Standards Institute and made available for public use;	28. 'European standard' <u>or 'EN standard'</u> means a standard adopted by the European Committee for Standardisation, the European Committee for Electrotechnical Standardisation or the European Telecommunications Standards Institute and made available for public use;	28. 'European standard' means a standard adopted by the European Committee for Standardisation, the European Committee for Electrotechnical Standardisation or the European Telecommunications Standards Institute and made available for public use;
Article 2, first paragraph, point (29)				
G	128	29. 'energy performance certificate' means a certificate	29. 'energy performance certificate' means a certificate	29. 'energy performance certificate' means a certificate

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	recognised by a Member State or by a legal person designated by it, which indicates the energy performance of a building or building unit, calculated according to a methodology adopted in accordance with Article 4;	recognised by a Member State or by a legal person designated by it, which indicates the energy <u>and climate</u> performance of a building or building unit, calculated according to a methodology adopted in accordance with Article 4;	recognised by a Member State or by a legal person designated by it, which indicates the energy performance of a building or building unit, calculated according to a methodology adopted in accordance with Article 4;	recognised by a Member State or by a legal person designated by it, which indicates the energy performance of a building or building unit, calculated according to a methodology adopted in accordance with Article 4; Text Origin: COM Proposal incl. RePowerEU
Article 2, first paragraph, point (30)				
129	30. ‘cogeneration’ means simultaneous generation in one process of thermal energy and electrical or mechanical energy;	30. ‘cogeneration’ means simultaneous generation in one process of thermal energy and electrical or mechanical energy;	30. ‘cogeneration’ means simultaneous generation in one process of thermal energy and electrical or mechanical energy;	30. ‘cogeneration’ means simultaneous generation in one process of thermal energy and electrical or mechanical energy; Text Origin: COM Proposal incl. RePowerEU
Article 2, first paragraph, point (31), first subparagraph				
130	31. ‘cost-optimal level’ means the energy performance level which leads to the lowest cost during the estimated economic lifecycle, where:	31. ‘cost-optimal level’ means the energy performance level which leads to the lowest cost during the estimated economic lifecycle, <u>established by applying the cost-optimal methodology</u> where:	31. ‘cost-optimal level’ means the energy performance level which leads to the lowest cost during the estimated economic lifecycle, where:	31. ‘cost-optimal level’ means the energy performance level which leads to the lowest cost during the estimated economic lifecycle, where: Text Origin: COM Proposal incl. RePowerEU

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
Article 2, first paragraph, point (31), first subparagraph, point (a)				
131	(a) the lowest cost is determined taking into account:	(a) the lowest cost is determined taking into account:	(a) the lowest cost is determined taking into account:	(a) the lowest cost is determined taking into account: Text Origin: COM Proposal incl. RePowerEU
Article 2, first paragraph, point (31), first subparagraph, point (a)(i)				
132	i) the category and use of building concerned:	i) the category and use of building concerned:	i) the category and use of building concerned:	i) the category and use of building concerned: Text Origin: COM Proposal incl. RePowerEU
Article 2, first paragraph, point (31), first subparagraph, point (a)(ii)				
133	ii) energy-related investment costs based on official forecasts ;	ii) energy-related investment costs based on official forecasts ;	ii) energy-related investment costs based on official forecasts-;	ii) energy-related investment costs based on official forecasts ; Text Origin: COM Proposal incl. RePowerEU
Article 2, first paragraph, point (31), first subparagraph, point (a)(iii)				
134	iii) maintenance and operating costs, including energy costs taking into account the cost of greenhouse gas allowances;	iii) maintenance and operating costs, including energy costs taking into account the cost of greenhouse gas allowances;	iii) maintenance and operating costs, including energy costs taking into account the cost of greenhouse gas allowances;	iii) maintenance and operating costs, including energy costs taking into account the cost of greenhouse gas allowances; Text Origin: COM Proposal

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				incl. RePowerEU
Article 2, first paragraph, point (31), first subparagraph, point (a)(iv)				
135	iv) environmental and health externalities of energy use;	iv) environmental and health externalities of energy use;	iv) environmental and health externalities of energy use;	iv) environmental and health externalities of energy use; Text Origin: COM Proposal incl. RePowerEU
Article 2, first paragraph, point (31), first subparagraph, point (a)(v)				
136	v) earnings from energy produced on-site , where applicable;	v) earnings from energy produced on-site , where applicable;	v) earnings from energy produced ~~on-site~~ on-site, where applicable;	v) earnings from energy produced on-site , where applicable; Text Origin: COM Proposal incl. RePowerEU
Article 2, first paragraph, point (31), first subparagraph, point (a)(vi)				
137	vi) waste management costs, where applicable; and	vi) waste management costs, where applicable; ~~and~~	vi) waste management– costs, where applicable; ~~and~~	vi) waste management costs, where applicable; and Text Origin: COM Proposal incl. RePowerEU
Article 2, first paragraph, point (31), first subparagraph, point (a)(via)				
137a		<u>via) social externalities of building renovations, construction, demolition including</u>		deleted

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>the modification of built areas;</u>		
<i>Article 2, first paragraph, point (31), first subparagraph, point (b)</i>				
138	(b) the estimated economic lifecycle is determined by each Member State and refers to the remaining estimated economic lifecycle of a building where energy performance requirements are set for the building as a whole, or to the estimated economic lifecycle of a building element where energy performance requirements are set for building elements.	(b) the estimated economic lifecycle is determined by each Member State and refers to the remaining estimated economic lifecycle of a building where energy performance requirements are set for the building as a whole, or to the estimated economic lifecycle of a building element where energy performance requirements are set for building elements.	(b) the estimated economic lifecycle is determined by each Member State ~~and~~ and refers to the remaining estimated economic lifecycle of a building where energy performance requirements are set for the building as a whole, or to the estimated economic lifecycle of a building element where energy performance requirements are set for building elements.	(b) the estimated economic lifecycle is determined by each Member State ~~and~~ and refers to the remaining estimated economic lifecycle of a building where energy performance requirements are set for the building as a whole, or to the estimated economic lifecycle of a building element where energy performance requirements are set for building elements. Text Origin: COM Proposal incl. RePowerEU
<i>Article 2, first paragraph, point (31), second subparagraph</i>				
139	The cost-optimal level shall lie within the range of performance levels where the cost benefit analysis calculated over the estimated economic lifecycle is positive;	The cost-optimal level shall lie within the range of performance levels where the cost benefit analysis calculated over the estimated economic lifecycle is positive;	The cost-optimal level shall lie within the range of performance levels where the cost benefit analysis calculated over the estimated economic lifecycle is positive;	The cost-optimal level shall lie within the range of performance levels where the cost benefit analysis calculated over the estimated economic lifecycle is positive; Text Origin: COM Proposal incl. RePowerEU

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	Article 2, first paragraph, point (32)			
G	140	32. 'recharging point' means a recharging point as defined in Article 2(41) of [AFIR];	32. 'recharging point' means a recharging point as defined in Article 2(41) of [AFIR];	32. 'recharging point' means a recharging point as defined in Article 2(~~41~~ 48) of ~~[AFIR];~~ <u>Regulation (EU) 2023/1804</u> Text Origin: COM Proposal incl. RePowerEU
	Article 2, first paragraph, point (32a)			
Y	140a			to get back to
	Article 2, first paragraph, point (32b)			
G	140b			<u>(32b) 'roofed car park' means a roofed construction, with at least three car parking spaces, that does not use energy to condition the indoor climate;</u> Trilogue 12 October

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	Article 2, first paragraph, point (33)			
141	33. ‘micro isolated system’ means any system with consumption less than 500 GWh in the year 2022, where there is no connection with other systems;	33. ‘micro isolated system’ means any system with consumption less than 500 GWh in the year 2022, where there is no connection with other systems;	33. ‘micro isolated system’ means any system with consumption less than 500 GWh in the year 2022, where there is no connection with other systems;	33. ‘micro isolated system’ means any system with consumption less than 500 GWh in the year 2022, where there is no connection with other systems; Text Origin: COM Proposal incl. RePowerEU
	Article 2, first paragraph, point (34)			
142	34. ‘smart charging’ means smart charging as defined in Article 2(14l) of Directive (EU) 2018/2001 [amended RED];	34. ‘smart charging’ means smart charging as defined in Article 2(14l) of Directive (EU) 2018/2001 [amended RED];	34. ‘smart charging’ means smart charging as defined in Article 2(14l) of Directive (EU) 2018/2001 [amended RED];	34. ‘smart ~~charging~~ <u>recharging</u> ’ means smart charging as defined in Article 2(~~14l~~ <u>14m</u>) of Directive (EU) ~~2018/2001 [amended RED];~~ <u>2023/2413</u> there is no reference in the new RED to smart charging, only smart recharging, 14m
	Article 2, first paragraph, point (35)			
143	35. ‘bidirectional charging’ means bidirectional charging as defined in Article 2(14n) of Directive (EU) 2018/2001 [amended RED];	35. ‘bidirectional charging’ means bidirectional charging as defined in Article 2(14n) of Directive (EU) 2018/2001 [amended RED];	35. ‘bidirectional charging’ means bidirectional charging as defined in Article 2(14n) of Directive (EU) 2018/2001 [amended RED];	35. ‘ ~~bidirectional charging~~ <u>bi-directional recharging</u> ’ means bidirectional charging as defined in Article 2(~~14n~~ <u>14o</u>) of Directive (EU) ~~2018/2001 [amended RED];~~

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				~~REDJ~~ : 2023/2413 Text Origin: COM Proposal incl. RePowerEU
Article 2, first paragraph, point (35a)				
G	143a	<u>35a. 'digitally connected recharging point' means a recharging point that can send and receive information in real time, that can communicate bidirectionally with the electricity grid and the electric vehicle, and that can be remotely monitored and controlled, including to start and stop the recharging session and to measure electricity flows;</u>		deleted
Article 2, first paragraph, point (36)				
Y	144	36. 'mortgage portfolio standards' means mechanisms ~~incentivising~~ <u>requiring</u> mortgage lenders, <u>including banks, investors, and other relevant financial institutions, such as final holders of mortgages housed in special purpose vehicles, securitisation companies and other intermediate bodies, to</u>	36. 'mortgage portfolio standards' means mechanisms incentivising mortgage lenders to increase the median energy performance of the portfolio of buildings covered by their mortgages and to encourage potential clients to make their property more energy-performant along the Union's decarbonisation ambition and relevant energy	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	targets in the area of energy consumption in buildings, relying on the definition of sustainable economic activities in the EU Taxonomy;	<u>establish a path</u> to increase the median energy performance of the portfolio of buildings covered by their mortgages <u>towards 2030 and 2050, with a view to ensuring reliable, evidence-based and affordable solutions for</u> ~~and to encourage potential clients to make their property more energy-performant along~~ <u>clients, in line with</u> the Union's decarbonisation ambition and <u>national building renovation plans and</u> relevant energy targets in the area of energy consumption in buildings, relying on the definition of sustainable economic activities in the EU Taxonomy <u>and in line with energy performance certificates and the life-cycle GWP, in accordance with this Directive</u> ;	targets in the area of energy consumption in buildings, relying on the definition of sustainable economic activities in the EU Taxonomy;	
Article 2, first paragraph, point (36a)				
144a		<u>36a. 'pay-as-you-save financial scheme' means a loan scheme dedicated exclusively to energy performance improvements, where the annualised repayments on the loan do not exceed the monetary equivalent of the yearly energy savings, taking into</u>		to get back to

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>account the indexation of the energy cost and loan re-financing;</u>		
Article 2, first paragraph, point (36b)				
144b		<u>36b. 'energy building benchmark' means an information platform to publicly disclose energy performance and yearly consumptions of single and multi-unit buildings over time, compared to similar buildings or to modelled simulations of a reference building built to a specific standard, such as minimum energy performance standards, and using the range of energy performance classes;</u>		<i>deleted</i>
Article 2, first paragraph, point (37)				
145	37. 'digital building logbook' means a common repository for all relevant building data, including data related to energy performance such as energy performance certificates, renovation passports and smart readiness indicators, which facilitates informed decision making and information sharing within the construction sector,	37. 'digital building logbook' means a common repository for all relevant building data, including data related to energy performance such as energy performance certificates, renovation passports and smart readiness indicators, <u>as well as on the life-cycle GWP and indoor environmental quality,</u> which facilitates informed decision	37. 'digital building logbook' means a common repository for all relevant building data, including data related to energy performance such as energy performance certificates, renovation passports and smart readiness indicators, which facilitates informed decision making and information sharing within the construction sector,	37. 'digital building logbook' means a common repository for all relevant building data, including data related to energy performance such as energy performance certificates, renovation passports and smart readiness indicators, <u>as well as on the life-cycle GWP,</u> which facilitates informed decision making and information sharing

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	among building owners and occupants, financial institutions and public authorities;	making and information sharing within the construction sector, among building owners and occupants, financial institutions and public authorities;	among building owners and occupants, financial institutions and public ~~authorities~~ bodies ;	within the construction sector, among building owners and occupants, financial institutions and public ~~authorities~~ bodies ;
Article 2, first paragraph, point (38)				
146	38. 'air-conditioning system' means a combination of the components required to provide a form of indoor air treatment, by which temperature is controlled or can be lowered;	38. 'air-conditioning system' means a combination of the components required to provide a form of indoor air treatment, by which temperature is controlled or can be lowered;	38. 'air-conditioning system' means a combination of the components required to provide a form of indoor air treatment, by which temperature is controlled or can be lowered;	38. 'air-conditioning system' means a combination of the components required to provide a form of indoor air treatment, by which temperature is controlled or can be lowered; Text Origin: COM Proposal incl. RePowerEU
Article 2, first paragraph, point (39)				
147	39. 'heating system' means a combination of the components required to provide a form of indoor air treatment, by which the temperature is increased;	39. 'heating system' means a combination of the components required to provide a form of indoor air treatment, by which the temperature is increased;	39. 'heating system' means a combination of the components required to provide a form of indoor air treatment, by which the temperature is increased;	39. 'heating system' means a combination of the components required to provide a form of indoor air treatment, by which the temperature is increased; Text Origin: COM Proposal incl. RePowerEU
Article 2, first paragraph, point (39a)				
147a				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
			(39a) ‘ventilation system’ means the technical building system which provides outdoor air by natural or mechanical means to a space;	<u>(39a) ‘ventilation system’ means the technical building system which provides outdoor air by natural or mechanical means to a space;</u> Text Origin: Council Mandate
Article 2, first paragraph, point (39b)				
Y	147b		(39b) ‘cooling generator’ means the part of an air-conditioning system that generates useful cooling for uses identified in Annex I;	to get back to - issue cooling/airco generator
Article 2, first paragraph, point (40)				
G	148	40. ‘heat generator’ means the part of a heating system that generates useful heat for uses identified in Annex I, using one or more of the following processes:	40. ‘heat generator’ means the part of a heating system that generates useful heat– for uses identified in Annex I,– using one or more of the following processes:	40. ‘heat generator’ means the part of a heating system that generates useful heat for uses identified in Annex I, using one or more of the following processes: Text Origin: COM Proposal incl. RePowerEU
Article 2, first paragraph, point (40)(a)				
G	149	(a) the combustion of fuels in, for example, a boiler;	(a) the combustion of fuels in, for example, a boiler;	(a) the combustion of fuels in, for example, a boiler;

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				Text Origin: COM Proposal incl. RePowerEU
Article 2, first paragraph, point (40)(b)				
G	150	(b) the Joule effect, taking place in the heating elements of an electric resistance heating system;	(b) the Joule effect, taking place in the heating elements of an electric resistance heating system;	(b) the Joule effect, taking place in the heating elements of an electric resistance heating system; Text Origin: COM Proposal incl. RePowerEU
Article 2, first paragraph, point (40)(c)				
G	151	(c) capturing heat from ambient air, ventilation exhaust air, or a water or ground heat source using a heat pump;	(c) capturing heat from ambient air, ventilation exhaust air, or a water or ground heat source using a heat pump;	(c) capturing heat from ambient air, ventilation exhaust air, or a water or ground heat source using a heat pump; Text Origin: COM Proposal incl. RePowerEU
Article 2, first paragraph, point (40)(ca)				
Y	151a	<u>40a. 'heat pump' means a machine, a device or an installation that transfers heat from a source such as the air, water or the ground, to sinks such as buildings or industrial applications, for the purpose of</u>		check eco-design

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>providing heating, cooling or domestic hot water;</u>		
Article 2, first paragraph, point (41)				
152	41. ‘energy performance contracting’ means energy performance contracting as defined in Article 2, point (29), of Directive (EU) .../... [recast Energy Efficiency Directive];	41. ‘energy performance contracting’ means energy performance contracting as defined in Article 2, point (29), of Directive (EU) .../... [recast Energy Efficiency Directive];	41. ‘energy performance contracting’ means energy performance contracting as defined in Article 2, point (29), of Directive (EU) .../... [recast Energy Efficiency Directive];	41. ‘energy performance contracting’ means energy performance contracting as defined in Article 2, point (29 ~~33~~), of Directive (EU) ~~.../... [recast Energy Efficiency Directive]~~ <u>2023/1791</u> ; Text Origin: COM Proposal incl. RePowerEU
Article 2, first paragraph, point (42)				
153	42. ‘boiler’ means the combined boiler body-burner unit, designed to transmit to fluids the heat released from burning;	42. ‘boiler’ means the combined boiler body-burner unit, designed to transmit to fluids the heat released from burning;	42. ‘boiler’ means the combined boiler body-burner unit, designed to transmit to fluids the heat released from burning;	42. ‘boiler’ means the combined boiler body-burner unit, designed to transmit to fluids the heat released from burning; Text Origin: COM Proposal incl. RePowerEU
Article 2, first paragraph, point (43)				
154	43. ‘effective rated output’ means the maximum calorific output, expressed in kW, specified and	43. ‘effective rated output’ means the maximum calorific output, expressed in kW, specified and	43. ‘effective rated output’ means the maximum calorific output, expressed in kW, specified and	43. ‘effective rated output’ means the maximum calorific output, expressed in kW, specified and

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	guaranteed by the manufacturer as being deliverable during continuous operation while complying with the useful efficiency indicated by the manufacturer;	guaranteed by the manufacturer as being deliverable during continuous operation while complying with the useful efficiency indicated by the manufacturer;	guaranteed by the manufacturer as being deliverable during continuous operation while complying with the useful efficiency indicated by the manufacturer;	guaranteed by the manufacturer as being deliverable during continuous operation while complying with the useful efficiency indicated by the manufacturer; Text Origin: COM Proposal incl. RePowerEU
Article 2, first paragraph, point (44)				
155	44. ‘district heating’ or ‘district cooling’ means the distribution of thermal energy in the form of steam, hot water or chilled liquids, from a central source of production through a network to multiple buildings or sites, for the use of space or process heating or cooling;	44. ‘district heating’ or ‘district cooling’ means the distribution of thermal energy in the form of steam, hot water or chilled liquids, from a central source of production through a network to multiple buildings or sites, for the use of space or process heating or cooling;	44. ‘district heating’ or ‘district cooling’ means the distribution of thermal energy in the form of steam, hot water or chilled liquids, from a central source of production through a network to multiple buildings or sites, for the use of space or process heating or cooling;	44. ‘district heating’ or ‘district cooling’ means the distribution of thermal energy in the form of steam, hot water or chilled liquids, from a central source of production through a network to multiple buildings or sites, for the use of space or process heating or cooling; Text Origin: COM Proposal incl. RePowerEU
Article 2, first paragraph, point (44a)				
155a		<u>44a. ‘integrated district’ means a district selected on the basis of an analysis of building stock, taking into account the area-specific potentials for energy efficiency</u>		deleted

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>measures by means of clear and measurable objectives and that develops renovation road map templates for similar building types, following an adequate analysis of local conditions, with the aim of a rapid, resource-efficient and mutually coordinated transformation of buildings, as well as other aspects, such as the social structure, the economic and environmental conditions and the energy supply infrastructure of buildings;</u>		
Article 2, first paragraph, point (45)				
156	45. ‘useful floor area’ means the area of the floor of a building needed as parameter to quantify specific conditions of use that are expressed per unit of floor area and for the application of the simplifications and the zoning and (re-)allocation rules;	45. ‘useful floor area’ means the area of the floor of a building needed as parameter to quantify specific conditions of use that are expressed per unit of floor area and for the application of the simplifications and the zoning and (re-)allocation rules, <u>taking into account national, European and international standards;</u>	45. ‘useful floor area’ means the floor area used as a reference size for the assessment area of the ~~floor~~ energy performance of a building, calculated as the sum of individual zones within the building envelope, which are needed to quantify the specific conditions of use, such as indoor climate, and needed as parameter to quantify specific conditions of use that are expressed per unit of floor area and for the application of the simplifications and the zoning and (re-)allocation rules;	45. ‘useful floor area’ means the area of the floor of a building needed as parameter to quantify specific conditions of use that are expressed per unit of floor area and for the application of the simplifications and the zoning and (re-)allocation rules; Text Origin: COM Proposal incl. RePowerEU

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	Article 2, first paragraph, point (45a)			
156a		<u>45a. 'waste heat' means unavoidable heat generated as by-product in industrial or power generation installations, or in the tertiary sector, which would be dissipated unused in air or water without access to a district heating or cooling system, where a cogeneration process has been used or will be used or where cogeneration is not feasible;</u>		<i>deleted</i>
	Article 2, first paragraph, point (46)			
157	46. 'reference floor area' means the floor area used as reference size for the assessment of the energy performance of a building, calculated as the sum of the useful floor areas of the spaces within the building envelope specified for the energy performance assessment;	46. 'reference floor area' means the floor area used as reference size for the assessment of the energy performance of a building, calculated as the sum of the useful floor areas of the spaces within the building envelope specified for the energy performance assessment;	<i>deleted</i>	46. 'reference floor area' means the floor area used as reference size for the assessment of the energy performance of a building, calculated as the sum of the useful floor areas of the spaces within the building envelope specified for the energy performance assessment; Text Origin: COM Proposal incl. RePowerEU
	Article 2, first paragraph, point (47)			

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
158	47. ‘assessment boundary’ means the boundary where the delivered and exported energy are measured or calculated;	47. ‘assessment boundary’ means the boundary where the delivered and exported energy are measured or calculated;	47. ‘assessment boundary’ means the boundary where the delivered and exported energy are measured or calculated;	47. ‘assessment boundary’ means the boundary where the delivered and exported energy are measured or calculated; Text Origin: COM Proposal incl. RePowerEU
Article 2, first paragraph, point (48)				
159	48. ‘on-site’ means the premises and the land on which the building is located and the building itself;	48. ‘on-site’ means the premises and the land on which the building is located and the building itself;	48. ‘on-site’ means the premises and the land on which the building is located and the building itself;	48. ‘on-site’ means the premises and the land on which the building is located and the building itself; Text Origin: COM Proposal incl. RePowerEU
Article 2, first paragraph, point (49)				
160	49. ‘energy from renewable sources produced nearby’ means energy from renewable sources produced within a local or district level perimeter of the building assessed, which fulfils all the following conditions:	49. ‘energy from renewable sources produced nearby’ means energy from renewable sources produced within a local or district level perimeter of the building assessed, which fulfils all the following conditions:	49. ‘energy from renewable sources produced nearby’ means energy from renewable sources produced within a local or district level perimeter of the building assessed, which fulfils all the following conditions:	49. ‘energy from renewable sources produced nearby’ means energy from renewable sources produced within a local or district level perimeter of the building assessed, which fulfils all the following conditions: Text Origin: COM Proposal incl. RePowerEU
Article 2, first paragraph, point (49)(a)				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
161	(a) it can only be distributed and used within that local and district level perimeter through a dedicated distribution network;	(a) it can only be distributed and used within that local and district level perimeter through a dedicated distribution network;	(a) it can only be distributed and used within that local and district level perimeter through a dedicated distribution network;	(a) it can only be distributed and used within that local and district level perimeter through a dedicated distribution network; Text Origin: COM Proposal incl. RePowerEU
Article 2, first paragraph, point (49)(b)				
162	(b) it allows for the calculation of a specific primary energy factor valid only for the energy from renewable sources produced within that local or district level perimeter; and	(b) it allows for the calculation of a specific primary energy factor valid only for the energy from renewable sources produced within that local or district level perimeter; and	(b) it allows for the calculation of a specific primary energy factor valid only for the energy from renewable sources produced within that local or district level perimeter; and	(b) it allows for the calculation of a specific primary energy factor valid only for the energy from renewable sources produced within that local or district level perimeter; and Text Origin: COM Proposal incl. RePowerEU
Article 2, first paragraph, point (49)(c)				
163	(c) it can be used on-site of the building assessed through a dedicated connection to the energy production source, that dedicated connection requiring specific equipment for the safe supply and metering of energy for self-use of the building assessed;	(c) it can be used on-site of the building assessed through a dedicated connection to the energy production source, that dedicated connection requiring specific equipment for the safe supply and metering of energy for self-use of the building assessed;	(c) it can be used on-site of the building assessed through a dedicated connection to the energy production source, that dedicated connection requiring specific equipment for the safe supply and metering of energy for self-use of the building assessed;	(c) it can be used on-site of the building assessed through a dedicated connection to the energy production source, that dedicated connection requiring specific equipment for the safe supply and metering of energy for self-use of the building assessed;

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				Text Origin: COM Proposal incl. RePowerEU
Article 2, first paragraph, point (50)				
G 164	50. ‘energy performance of buildings (EPB) services’ means the services, such as heating, cooling, ventilation, domestic hot water and lighting and others for which the energy use is taken into account in the energy performance of buildings;	50. ‘energy performance of buildings (EPB) services’ means the services, such as heating, cooling, ventilation, domestic hot water and lighting and others for which the energy use is taken into account in the energy performance of buildings;	50. ‘energy performance of buildings (EPB) services’ means the services, such as heating, cooling, ventilation, domestic hot water and lighting and others for which the energy use is taken into account in the calculation of the energy performance of buildings;	50. ‘energy performance of buildings (EPB) services’ means the services, such as heating, cooling, ventilation, domestic hot water and lighting and others for which the energy use is taken into account in the <u>calculation of the</u> energy performance of buildings; Text Origin: Council Mandate
Article 2, first paragraph, point (51)				
Y 165	51. ‘energy needs’ means the energy to be delivered to, or extracted from, a conditioned space to maintain the intended space conditions during a given period of time disregarding any technical building system inefficiencies;	51. ‘energy needs’ means the energy to be delivered to, or extracted from, a conditioned space to maintain the intended space conditions during a given period of time, <u>taking into account transmission and ventilation losses and solar and internal gains in accordance with EN standards</u> , disregarding any technical building system inefficiencies;	51. ‘energy needs’ means the energy to be delivered to, or extracted from, a conditioned space to maintain the intended space conditions during a given period of time disregarding any technical building system inefficiencies;	to get back to
Article 2, first paragraph, point (52)				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
166	52. ‘energy use’ means energy input to a technical building system providing a EPB-service intended to satisfy an energy need;	52. ‘energy use’ means energy input to a technical building system providing a EPB-service intended to satisfy an energy need;	52. ‘energy use’ means energy input to a technical building system providing a EPB-service intended to satisfy an energy need;	52. ‘energy use’ means energy input to a technical building system providing a EPB-service intended to satisfy an energy need; Text Origin: COM Proposal incl. RePowerEU
Article 2, first paragraph, point (53)				
167	53. ‘self-used’ means part of on-site or nearby produced renewable energy used by on-site technical systems for EPB services;	53. ‘self-used’ means part of on-site or nearby produced renewable energy used <u>simultaneously</u> by on-site technical systems for EPB services;	53. ‘self-used’ means part of on-site or nearby produced renewable energy used by on-site technical systems for EPB services;	53. ‘self-used’ means part of on-site or nearby produced renewable energy used by on-site technical systems for EPB services; Text Origin: COM Proposal incl. RePowerEU
Article 2, first paragraph, point (54)				
168	54. ‘other on-site uses’ means energy used on-site for uses other than EPB services, and may include appliances, miscellaneous and ancillary loads or electro-mobility charging points;	54. ‘other on-site uses’ means energy used on-site for uses other than EPB services, and may include appliances, miscellaneous and ancillary loads, <u>domestic batteries energy storage systems</u> or electro-mobility charging points;	54. ‘other on-site uses’ means energy used on-site for uses other than EPB services, and may include appliances, miscellaneous and ancillary loads or electro-mobility charging points;	54. ‘other on-site uses’ means energy used on-site for uses other than EPB services, and may include appliances, miscellaneous and ancillary loads or electro-mobility charging points; Text Origin: COM Proposal incl. RePowerEU
Article 2, first paragraph, point (55)				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
169	55. ‘calculation interval’ means the discrete time interval used for the calculation of the energy performance;	55. ‘calculation interval’ means the discrete time interval used for the calculation of the energy performance;	55. ‘calculation interval’ means the discrete time interval used for the calculation of the energy performance;	55. ‘calculation interval’ means the discrete time interval used for the calculation of the energy performance; Text Origin: COM Proposal incl. RePowerEU
Article 2, first paragraph, point (56)				
170	56. ‘delivered energy’ means energy, expressed per energy carrier, supplied to the technical building systems through the assessment boundary, to satisfy the uses taken into account or to produce the exported energy;	56. ‘delivered energy’ means energy, expressed per energy carrier, supplied to the technical building systems through the assessment boundary, to satisfy the uses taken into account or to produce the exported energy;	56. ‘delivered energy’ means energy, expressed per energy carrier, supplied to the technical building systems through the assessment boundary, to satisfy the uses taken into account or to produce the exported energy;	56. ‘delivered energy’ means energy, expressed per energy carrier, supplied to the technical building systems through the assessment boundary, to satisfy the uses taken into account or to produce the exported energy; Text Origin: COM Proposal incl. RePowerEU
Article 2, first paragraph, point (57)				
171	57. ‘exported energy’ means, expressed per energy carrier and per primary energy factor, the proportion of the renewable energy that is exported to the energy grid instead of being used on site for self-use or for other on-site uses.	57. ‘exported energy’ means, expressed per energy carrier and per primary energy factor, the proportion of the renewable energy that is exported to the energy grid instead of being used on site for self-use or for other on-site uses.	57. ‘exported energy’ means, expressed per energy carrier and per primary energy factor, the proportion of the renewable energy that is exported to the energy grid instead of being used on site for self-use or for other on-site uses.	57. ‘exported energy’ means, expressed per energy carrier and per primary energy factor, the proportion of the renewable energy that is exported to the energy grid instead of being used on site for self-use or for other on-site uses.

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				Text Origin: COM Proposal incl. RePowerEU
Article 2, first paragraph, point (57a)				
G	171a	<u>57a. 'secondary material' means material recovered from previous use or from waste which substitutes primary materials as defined in the construction framework standard EN 15643;</u>		deleted
Article 2, first paragraph, point (57b)				
Y	171b	<u>57b. 'bicycle parking space' means a designated space for at least one bicycle, which provides secure and easy storage for a variety of bicycle types and which may be lit and protected from the weather;</u>		<u>57b. 'bicycle parking space' means a designated space for at least one bicycle[, which provides secure and easy storage for a variety of bicycle types and which may be lit and protected from the weather];</u> to get back to
Article 2, first paragraph, point (57c)				
G	171c	<u>57c. 'physically adjacent' means a car park which is intended for the use of residents, visitors, or workers of a building, which is</u>		<u>57c. 'physically adjacent' means a car park which is intended for the use of residents, visitors, or workers of a building, which is</u>

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>located within the property area of the building or which is in the direct vicinity of the building;</u>		<u>located within the property area of the building or which is in the direct vicinity of the building;</u> Text Origin: EP Mandate
	Article 2, first paragraph, point (57d)			
Y	171d	<u>57d. 'circularity' means the reduction of the need for extraction of virgin materials through the reduction of demand for new materials, through repair, reuse, repurposing, and recycling of used materials and through the extension of the lifetime of products and buildings;</u>		check whether it exists in a different piece of legislation
	Article 2, first paragraph, point (57e)			
Y	171e	<u>57e. 'sufficiency' means the minimisation of demand for energy, materials, land, water, and other natural resources over the lifecycle of buildings and goods;</u>		to get back to
	Article 2, first paragraph, point (57f)			
G	171f	<u>57f. 'bill of materials' means a record of the type, source and</u>		deleted

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>quantity of construction products and materials that are used to construct or renovate a building, which affect its thermal performance and technical system efficiency in accordance with Annex I, as well as its fire performance and indoor environmental quality;</u>		
Article 2, first paragraph, point (57g)				
171g		<u>57g. 'indoor environmental quality' means a set of parameters relating to a building, including indoor air quality, thermal comfort, lighting, and acoustic affecting the health and wellbeing of its occupants;</u>		<u>(57g) 'indoor environmental quality' means the result of an assessment inside a building based upon parameters such as relating to the temperature, humidity, ventilation rate and presence of contaminants, influencing the health and wellbeing of its occupants;</u> trilogue 31 August
Article 2, first paragraph, point (57h)				
171h		<u>57h. 'healthy indoor climate' means the indoor environment of a building, which optimises the health, comfort and well-being of occupants in line with specific</u>		deleted trilogue 31 August

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>performance levels, including those related to daylight, indoor air quality and thermal comfort, such as mitigating overheating and enhancing acoustic quality.</u>		
Article 3				
172	Article 3 National building renovation plan	Article 3 ~~-~~ National building renovation plan	Article 3 National building renovation plan	Article 3 National building renovation plan Text Origin: COM Proposal incl. RePowerEU
Article 3(1), first subparagraph				
173	1. Each Member State shall establish a national building renovation plan to ensure the renovation of the national stock of residential and non-residential buildings, both public and private, into a highly energy efficient and decarbonised building stock by 2050, with the objective to transform existing buildings into zero-emission buildings.	1. Each Member State shall establish a national building renovation plan to ensure the renovation of the national stock of residential and non-residential buildings, both public and private, into a highly energy efficient and decarbonised building stock by 2050, with the objective to transform existing buildings into zero-emission buildings.	1. Each Member State shall establish a— national building renovation plan— ~~to~~ to ensure— the renovation of the national stock of residential and non-residential buildings, both public and private, into a highly energy efficient and decarbonised building stock by 2050,— with the objective to transform— existing buildings into zero-emission— buildings.	1. Each Member State shall establish a— national building renovation plan— ~~to~~ <u>to</u> ensure— the renovation of the national stock of residential and non-residential buildings, both public and private, into a highly energy efficient and decarbonised building stock by 2050,— <u>with</u> the objective to transform— existing buildings into zero-emission— buildings.
Article 3(1), second subparagraph				
174				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	Each building renovation plan shall encompass:	Each— building renovation plan <u>shall comply with the energy efficiency first principle and</u> shall encompass:	Each— building renovation plan shall encompass:	Each building renovation plan shall encompass: COM to draft: inclusion of a softer reference to energy efficiency first principle and its importance in a Recital
Article 3(1), second subparagraph, point (a)				
175	(a) an overview of the national building stock for different building types, construction periods and climatic zones , based, as appropriate, on statistical sampling and the national database for energy performance certificates pursuant to Article 19, an overview of market barriers and market failures and an overview of the capacities in the construction, energy efficiency and renewable energy sectors ;	(a) an overview of the national building stock— for different building types, <u>including their share in the building stock, in particular of buildings categorised as officially protected as part of a designated environment or because of their special architectural or historical merit,</u> construction periods and climatic zones— <u>of each Member State,</u> based, as appropriate, on statistical sampling, <u>energy and life-cycle GWP benchmarking and</u> —and— the national database for energy performance certificates pursuant to Article 19, an overview of market barriers and market failures, <u>the share of vulnerable households</u> and an overview of the capacities in the construction, energy efficiency and renewable	(a) an overview of the national building stock— for different building types, construction periods and climatic zones—, based, as appropriate, on statistical sampling and— the national database for energy performance certificates pursuant to Article 19, an overview of market barriers and market failures and an overview of the capacities in the construction, energy efficiency and renewable energy sectors—;	(a) an overview of the national building stock— for different building types, <u>including their share in the building stock,</u> construction periods and climatic zones—, based, as appropriate, on statistical sampling and— the national database for energy performance certificates pursuant to Article 19, an overview of market barriers and market failures and an overview of the capacities in the construction, energy efficiency and renewable energy sectors— <u>the share of vulnerable households based, as appropriate, on statistical sampling;</u> in annex II Ann17 line i) : (e) the creation of one-stop-shops or similar mechanisms pursuant to Article 15a for the provision of technical,

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		energy sectors—, <u>as well as the availability of one-stop shops established pursuant to Article 15a of this Directive and to Article 21(2a) of Directive (EU) .../... [Recast EED];</u>		administrative and financial advice and assistance; COM: protected building stock to go to annex II in the overview part, estimation, mandatory indicator, linked to exemptions in art 9
Article 3(1), second subparagraph, point (aa)				
175a		<u>(aa) an overview of implemented and planned policies, including those pursuant to the Pact for Skills set out in the communication of the Commission of 1 July 2020 entitled “European Skills Agenda for sustainable competitiveness, social fairness and resilience”, to increase the availability of qualified professionals in the construction, efficiency, and renewable energy sectors, investments in the development of the required skills, including upskilling or reskilling and targeted training and education programmes, for both public and private stake holders, on the basis of a quantitative and qualitative assessment using key performance indicators as set out in Annex II,</u>		to be deleted + below wording in Annex II (n) addressing skills gaps and promoting education, targeted training, upskilling and reskilling in the construction, sector and energy efficiency and renewable energy sectors (public or private), with a view to ensuring that there is a sufficient workforce with the appropriate level of skills corresponding to the needs in the building sector, with a special focus on the underrepresented groups, [including those pursuant to the Pact of Skills]

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>to meet the targets, in accordance with this Directive and the resulting market needs for skilled professionals in the construction and renovation sector;</u>		
Article 3(1), second subparagraph, point (b)				
176	(b) a roadmap with nationally established targets and measurable progress indicators, with a view to the 2050 climate neutrality goal, in order to ensure a highly energy efficient and decarbonised national building stock and the transformation of existing buildings into zero-emission buildings by 2050;	(b) a roadmap with nationally established targets and measurable progress indicators, <u>and specific timelines for all existing buildings to achieve higher energy performance classes by 2030, 2040 and 2050,</u> with a view to the 2050 climate neutrality goal, in order to ensure a highly energy efficient and decarbonised national building stock and the transformation of existing buildings into zero-emission buildings by 2050;	(b) a roadmap with nationally established targets and measurable progress indicators, with a view to the 2050 climate neutrality goal, in order to ensure a highly energy efficient and decarbonised national building stock and the transformation of existing buildings into zero-emission buildings by 2050;	(b) a roadmap with nationally established targets and measurable progress indicators, <u>including the reduction of the number people affected by energy poverty,</u> with a view to the 2050 climate neutrality goal, in order to ensure a highly energy efficient and decarbonised national building stock and the transformation of existing buildings into zero-emission buildings by 2050; related to line 178a (to be deleted) flexibility towards the EP addition if it is aligned with the agreements in Article 9 (to be prepared once MEPS discussions are completed)
Article 3(1), second subparagraph, point (c)				
177	(c) an overview of implemented	(c) an overview of implemented	(c) an overview of implemented	(c) an overview of implemented

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	and planned policies and measures, supporting the implementation of the roadmap pursuant to point (b); and	and planned policies and measures; ~~supporting~~ <u>including their duration in consistency with</u> the implementation of the roadmap pursuant to point (b); ~~and of this subparagraph, including those set out in the integrated national energy and climate plans notified to the Commission pursuant to Article 3 of Regulation (EU) 2018/1999, with a particular focus on vulnerable households and people living in social housing;~~	and planned policies and measures, supporting the implementation of the roadmap pursuant to point (b); ~~and when they are not already included in the elements of the national energy and climate plans notified to the Commission pursuant to Article 4, paragraph (b) of Regulation 2018/1999;~~	and planned policies and measures, supporting the implementation of the roadmap pursuant to point (b); ~~and~~ . <u>Where an overview of specific policies and measures is already included in the national energy and climate plans a clear reference to the relevant parts of the national energy and climate plans may be included in the building renovation plan in place of a fully developed overview;</u> COM to draft: recital underlying/clarifying the synergies, everything needs to be covered/complete, if not in NECPs, it has to be complemented
	Article 3(1), second subparagraph, point (d)			
178	(d) an outline of the investment needs for the implementation of the building renovation plan, the financing sources and measures, and the administrative resources for building renovation.	(d) ~~an outline~~ <u>a detailed roadmap up to 2050</u> of the investment needs for the implementation of the building renovation plan, ~~the public and private~~ financing sources and measures, and the administrative resources for building renovation; ~~including those set out in national energy and climate plans notified to the Commission pursuant to Article 3 of Regulation (EU)~~	(d) an outline of the investment needs for the implementation of the building renovation plan, the financing sources and measures, and the administrative resources for building renovation- when they are not already included in the elements of the national energy and climate plans notified to the Commission pursuant to Article 3, paragraph 2, sub-paragraph	(d) an outline of the investment needs for the implementation of the building renovation plan, the financing sources and measures, and the administrative resources for building renovation. <u>Where an outline of specific investment needs is already included in the national energy and climate plans a clear reference to the relevant parts of the national energy and</u>

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		2018/1999;	(c) of Regulation 2018/1999;	climate plans may be included in the building renovation plan in place of a fully developed outline. same recital as for 177
Article 3(1), second subparagraph, point (da)				
Y	178a	(da) a roadmap on the reduction of energy poverty and energy savings achieved among vulnerable households and people living in social housing comprising of nationally established targets and an overview of implemented and planned policies and funding measures supporting the elimination of energy poverty.		deleted linked to inclusion in 176
Article 3(1a)				
G	178b		(e) the operational greenhouse gas emissions and annual primary energy use of a new or renovated zero-emission building thresholds in accordance with Article 9b (1);	1a. the operational greenhouse gas emissions and annual primary energy use of a new or renovated zero-emission building thresholds in accordance with Article 9b (1); Text Origin: Council Mandate
Article 3(1b)				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement	
Y	178c		(f) minimum energy performance standards for non-residential buildings, based on maximum energy performance thresholds, in accordance with in Article 9(1); and	to be streamlined after the political agreement on 9	Y
Article 3(1c)					
Y	178d		(g) minimum energy performance standards for residential buildings and the corresponding national trajectory, including the 2033 and 2040 milestones for average primary energy use in kWh/(m2.y), in accordance with Article 9(2).	to be streamlined after the political agreement on 9	Y
Article 3(1d)					
G	178e		For the first building renovation plan, Member States may refer to their integrated national energy and climate plan notified to the Commission on 30 June 2024 to comply with point (c) and (d) when they consider that it is relevant.	<i>deleted</i>	G

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	<i>Article 3(1), third subparagraph</i>			
179	The roadmap referred to in point (b) shall include national targets for 2030, 2040 and 2050 as regards the annual energy renovation rate, the primary and final energy consumption of the national building stock and its operational greenhouse gas emission reductions; specific timelines for buildings to achieve higher energy performance classes than those pursuant to Article 9(1), by 2040 and 2050, in line with the pathway for transforming the national building stock into zero-emission buildings; an evidence-based estimate of expected energy savings and wider benefits; and estimations for the contribution of the building renovation plan to achieving the Member State's binding national target for greenhouse gas emissions pursuant to Regulation (EU) .../... [revised Effort Sharing Regulation], the Union's energy efficiency targets in accordance with Directive (EU) .../.... [recast EED], the Union's renewable energy targets, including the indicative target for the share of energy from renewable sources in	<u>1a.</u> The roadmap referred to in ~~point (b) shall include national targets for 2030, 2040 and 2050 as regards the annual energy renovation rate, the primary and final energy consumption of the national building stock and its operational greenhouse gas emission reductions; specific timelines for buildings to achieve higher energy performance classes than those pursuant to Article 9(1), by 2040 and 2050, in line with the pathway for transforming the national building stock into zero-emission buildings; an evidence-based estimate of expected energy savings and wider benefits; and estimations for the contribution of the building renovation plan to achieving the Member State's binding national target for greenhouse gas emissions pursuant to Regulation (EU) .../... [revised Effort Sharing Regulation], the Union's energy efficiency targets in accordance with Directive (EU) .../.... [recast EED], the Union's renewable energy targets, including the indicative target for the share of energy from renewable~~	The roadmap referred to in point (b) shall include national targets for 2030, 2040 and 2050 as regards the annual energy renovation rate, the primary and final energy consumption of the national building stock and its operational greenhouse gas emission reductions; specific timelines for buildings to achieve higher energy performance classes than those pursuant to Article 9(1), by 2040 and 2050, in line with the pathway for transforming the national building stock into zero-emission buildings; and an evidence-based estimate of expected energy savings and wider benefits; and estimations for the contribution of the building renovation plan to achieving the Member State's binding national target for greenhouse gas emissions pursuant to Regulation (EU) .../... [revised Effort Sharing Regulation], the Union's energy efficiency targets in accordance with Directive (EU) .../.... [recast EED], the Union's renewable energy targets, including the indicative target for the share of energy from renewable sources in	The roadmap referred to in ~~point (b) shall include national targets for 2030, 2040 and 2050 as regards the annual energy renovation rate, the primary and final energy consumption of the national building stock and its operational greenhouse gas emission reductions; specific timelines for buildings to achieve higher energy performance classes than those pursuant to Article 9(1), by 2040 and 2050, in line with the pathway for transforming the national building stock into zero-emission buildings; an evidence-based estimate of expected energy savings and wider benefits; and estimations for the contribution of the building renovation plan to achieving the Member State's binding national target for greenhouse gas emissions pursuant to Regulation (EU) .../... [revised Effort Sharing Regulation], the Union's energy efficiency targets in accordance with Directive (EU) .../.... [recast EED], the Union's renewable energy targets, including the indicative target for the share of energy from renewable~~

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	the building sector in accordance with Directive (EU) 2018/2001 [amended RED], and the Union's 2030 climate target and 2050 climate neutrality goal in accordance with Regulation (EU) 2021/1119.	~~sources in the building sector in accordance with Directive (EU) 2018/2001 [amended RED], and the Union's 2030 climate target and 2050 climate neutrality goal in accordance with Regulation (EU) 2021/1119.~~ <u>paragraph 1, second subparagraph, point (b), shall include:</u>	the building sector in accordance with Directive (EU) 2018/2001 [amended RED], and the Union's 2030 climate target and 2050 climate neutrality goal in accordance with Regulation (EU) 2021/1119.	~~sources in the building sector in accordance with Directive (EU) 2018/2001 [amended RED], and the Union's 2030 climate target and 2050 climate neutrality goal in accordance with Regulation (EU) 2021/1119.~~ <u>paragraph 1, second subparagraph, point (b), shall include:</u> EP to redraft and streamline the wording from 179a
	Article 3(1e)			
179a		<u>(a) national targets and whole life-cycle emissions for different building typologies to be set following the global stock-taking exercise, for the years 2025, 2030, 2035, 2040, in accordance with the ratchet mechanism set out in the Paris Agreement and a 1,5-degree compliant 2050 whole life-cycle performance roadmap, as well as indicative national targets aiming to achieve the deep renovation of at least 35 million building units by 2030 to support reaching an annual energy renovation rate of 3 % or more for the period till 2050;</u>		<u>I.e. national targets for 2030, 2035, 2040 and 2050 as regards the annual energy renovation rate</u> to be deleted, will be covered in 179

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	Article 3(1f)			
Y	179b	<u>(b) the estimated availability of construction materials, renovation materials, including prefabricated building elements, such as those with insulation, building integrated solar photovoltaics, materials with recycled contents, secondary building materials, and, if any, local sustainable materials, as well as national targets for the circular use of materials, recycled contents and secondary materials in accordance with the Regulation (EU) No 305/2011¹, and sufficiency for every five-year period;</u> <u>1. Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 laying down harmonised conditions for the marketing of construction products and repealing Council Directive 89/106/EEC (OJ L 88, 4.4.2011, p. 5).</u>		<u>If. an overview of the availability of renovation materials, including prefabricated building elements</u> EP will provide a revised wording/Annex II?
	Article 3(1g)			
Y	179c	<u>(c) the primary and final energy consumption of the national</u>		<u>1g. national targets for the primary and final energy</u>

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u><i>building stock and its operational greenhouse gas emission reductions;</i></u>		<u><i>consumption of the national building stock and its operational greenhouse gas emission reductions;</i></u> align with what is already in CONS mandate, to be streamlined after the political agreement on art 9
Article 3(1h)				
Y	179d	<u><i>(d) specific timelines for buildings to achieve higher energy performance classes than those pursuant to Article 9(1), by 2030 and every five years thereafter, in line with the pathway for transforming the national building stock into zero-emission buildings;</i></u>		To be adjusted to be aligned with article 9 (to be prepared once MEPS discussions are completed)
Article 3(1i)				
Y	179e	<u><i>(e) an overview of the cost effective potential, availability and expected production and consumption of renewable energy used for heating and cooling in buildings, disaggregated by technology and fuels;</i></u>		COM to redraft - cross-reference to the heating and cooling assessment carried out pursuant art 26 of EED

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	Article 3(1j)			
Y	179f	<u>(f) national targets on the construction and refurbishment of district level heating and cooling systems in accordance with the comprehensive heating and cooling assessment referred to in Article 23 of Directive (EU) .../... [recast Energy Efficiency Directive];</u>		<u>(f) a reference to the comprehensive heating and cooling assessment carried out pursuant Article 26 of Directive (EU)) including, where they exist, national construction and refurbishment pathways for district level heating and cooling systems</u> check the wording, to return to
	Article 3(1k)			
Y	179g	<u>(g) a pathway with numerical targets for the deployment of solar energy and heat pumps in buildings in accordance with Article 9a;</u>		deleted
	Article 3(1l)			
R	179h	<u>(h) national phase-out plans for fossil fuel use in buildings with a view to a planned phase out by 2035 and if not feasible as demonstrated to the Commission, by 2040 at the latest;</u>		deleted align to the provision in annex II

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
Article 3(1m)				
179i		<u>(i) an evidence-based estimate of expected energy savings, greenhouse gas emission reductions, and wider benefits, including indoor environmental quality, which may be based on an integrated district approach;</u>		<u>g. an evidence-based estimate of expected energy savings, and wider benefits, including indoor environmental quality;</u>
Article 3(1n)				
179j		<u>(j) estimations for the contribution of the building renovation plan to achieving the Member State's binding national target for greenhouse gas emissions pursuant to Regulation (EU).../... [revised Effort Sharing Regulation], the Union's energy efficiency targets in accordance with Directive (EU) .../.... [recast EED], the Union's renewable energy targets, including the target for the share of energy from renewable sources in the building sector in accordance with Directive (EU) 2018/2001 [amended RED], and the Union's 2030 climate target and 2050 climate neutrality goal in accordance with Regulation (EU)</u>		deleted

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		2021/1119;		
<i>Article 3(2)</i>				
180	2. Every five years, each Member State shall prepare and submit to the Commission a draft of its building renovation plan, using the template in Annex II. Each Member State shall submit its draft building renovation plan as part of its draft integrated national energy and climate plan referred to in Article 9 of Regulation (EU) 2018/1999 and, where the Member States submits a draft update, its draft update referred to in Article 14 of that Regulation. By way of derogation from Article 9(1) and Article 14(1) of that Regulation, Member States shall submit the first draft building renovation plan to the Commission by 30 June 2024.	2. Every five years, each Member State shall prepare and submit to the Commission a draft of its building renovation plan, using the template in Annex II. Each Member State shall submit its draft building renovation plan ~~as part of~~ <i>together with</i> its draft integrated national energy and climate plan referred to in Article 9 of Regulation (EU) 2018/1999 and <i>its comprehensive heating and cooling assessment pursuant to Article 23 of Directive (EU).../...[recast EED], and,</i> where the Member States submits a draft update, its draft update referred to in Article 14 of ~~that Regulation~~ <i>Regulation (EU) 2018/1999</i>. By way of derogation from Article 9(1) and Article 14(1) of that Regulation, Member States shall submit the first draft building renovation plan to the Commission by 30 June 2024, <i>and subject to the separate consultation provided for in paragraph 3 of this Article.</i>	2. Every five years, each Member State shall prepare and submit to the Commission a draft of its building renovation plan, using the template in Annex II. Each Member State shall submit its draft building renovation plan as part of its draft integrated national energy and climate plan referred to in Article 9 of Regulation (EU) 2018/1999 and, where the Member States submits a draft update, its draft update referred to in Article 14 of that Regulation. By way of derogation from Article 9(1) and Article 14(1) of that Regulation, Member States shall submit the first draft building renovation plan to the Commission by 30 June 2024 ~~2025~~.	2. Every five years, each Member State shall prepare and submit to the Commission a draft of its building renovation plan, using the template in Annex II. Each Member State shall submit its draft building renovation plan as part of its draft integrated national energy and climate plan referred to in Article 9 of Regulation (EU) 2018/1999 and, where the Member States submits a draft update, its draft update referred to in Article 14 of that Regulation. By way of derogation from Article 9(1) and Article 14(1) of that Regulation, Member States shall submit the first draft building renovation plan to the Commission by ~~30 June 2024~~ <i>31 December 2025</i>.

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
Article 3(3)				
181	3. To support the development of its building renovation plan , each Member State shall carry out a public consultation on its draft building renovation plan prior to submitting it to the Commission. The public consultation shall involve in particular local and regional authorities and other socio-economic partners, including civil society and bodies working with vulnerable households. Each Member State shall annex a summary of the results of its public consultation to its draft building renovation plan .	3. To support the development of its—building renovation plan—, each Member State shall <u>involve regional and local authorities in drafting the building renovation plan to facilitate the inclusion of local actions plans or investments and they shall</u> carry out a public consultation on its—draft building renovation plan—prior to submitting it to the Commission. The public consultation shall involve in particular local and regional authorities and other socio-economic partners; including civil society and bodies working with vulnerable households.— <u>The public consultation shall cover ex-ante and ex-post evaluations of the building renovation plan and include options about the design of the public policies, programmes, incentives, as well as social safeguards, which may include those referred to in Article 15, to ensure the accessibility, convenience and affordability of the renovation solutions.</u> Each Member State shall annex a summary of the results of its public consultation to its—draft building	3. To support the development of its— building renovation plan—, each Member State shall carry out a public consultation on its— draft building renovation plan— prior to submitting it to the Commission. The public consultation shall involve in particular local and regional authorities and other socio-economic partners, including civil society and bodies working with vulnerable households.— Each Member State shall annex a summary of the results of its public consultation to its— draft building renovation plan—. The public consultation may be integrated as part of the public consultation undertaken pursuant to Article 10 of Regulation 2018/1999.	3. To support the development of its—building renovation plan—, each Member State shall carry out a public consultation on its—draft building renovation plan—prior to submitting it to the Commission. The public consultation shall involve in particular local and regional authorities and other socio-economic partners, including civil society and bodies working with vulnerable households.— Each Member State shall annex a summary of the results of its public consultation to its—draft building renovation plan—. <u>The public consultation may be integrated as part of the public consultation undertaken pursuant to Article 10 of Regulation 2018/1999.</u> safeguards in annex II, ann17 pt b) Text Origin: Council Mandate

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		renovation plan— <u><i>Each Member State shall take due account of the stakeholders' views expressed in the ex-ante and ex-post evaluations and explain how these were reflected in its final building renovation plan.</i></u>		
Article 3(4), first subparagraph				
182	4. The Commission shall assess the national draft building renovation plans, in particular whether:	4. The Commission shall assess the national draft building renovation plans, in particular whether:	4. The Commission shall assess the national draft building renovation plans, in particular whether:	4. The Commission shall assess the national draft building renovation plans, in particular whether: Text Origin: COM Proposal incl. RePowerEU
Article 3(4), first subparagraph, point (a)				
183	(a) the level of ambition of the nationally established targets is sufficient and in line with the national commitments on climate and energy laid down in the national integrated energy and climate plans;	(a) the level of ambition of the nationally established targets is sufficient and in line with the national commitments on climate and energy laid down in the national integrated energy and climate plans;	(a) the level of ambition of the nationally established targets is sufficient and in line with the national commitments on climate and energy laid down in the national integrated energy and climate plans;	(a) the level of ambition of the nationally established targets is sufficient and in line with the national commitments on climate and energy laid down in the national integrated energy and climate plans; Text Origin: COM Proposal incl. RePowerEU
Article 3(4), first subparagraph, point (b)				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
184	(b) the policies and measures are sufficient to achieve the nationally established targets;	(b) the policies and measures are sufficient to achieve the nationally established targets;	(b) the policies and measures are sufficient to achieve the nationally established targets;	(b) the policies and measures are sufficient to achieve the nationally established targets; Text Origin: COM Proposal incl. RePowerEU
Article 3(4), first subparagraph, point (c)				
185	(c) the allocation of budgetary and administrative resources is sufficient for the implementation of the plan;	(c) the allocation of budgetary and administrative resources is sufficient for the implementation of the plan;	(c) the allocation of budgetary and administrative resources is sufficient for the implementation of the plan;	(c) the allocation of budgetary and administrative resources is sufficient for the implementation of the plan; Text Origin: COM Proposal incl. RePowerEU
Article 3(4), first subparagraph, point (ca)				
185a		<u>(ca) the conditions for the functioning renovation financing schemes are adequate for the achievement of the national energy poverty mitigation target and for the successful inclusion of energy poor consumers and vulnerable households;</u>		<u>(ca) the financing sources and measures referred to in paragraph 3(1)(d) are in line with the planned reduction of energy poverty referred to in 3(1)(b);</u>
Article 3(4), first subparagraph, point (cb)				
185b				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>(cb) the plan takes into account the objectives of the Directive 2008/50/EC¹ and ensures consistency with applicable legislation and the protection of the environment and human health;</u> <u>1. Directive 2008/50/EC of the European Parliament and of the Council of 21 May 2008 on ambient air quality and cleaner air for Europe (OJ L 152, 11.6.2008, p. 1).</u>		deleted
Article 3(4), first subparagraph, point (cc)				
185c		<u>(cc) the plan prioritises worst-performing buildings used for residential purposes;</u>		<u>(cc) the plan prioritises worst-performing buildings, in accordance with Article 9;</u>
Article 3(4), first subparagraph, point (d)				
186	(d) the public consultation pursuant to paragraph 3 has been sufficiently inclusive; and	(d) the public consultation pursuant to paragraph 3 has been sufficiently inclusive; ~~and~~	(d) the public consultation pursuant to paragraph 3 has been sufficiently inclusive; and	(d) the public consultation pursuant to paragraph 3 has been sufficiently inclusive; and
Article 3(4), first subparagraph, point (e)				
187	(e) the plans comply with the requirements of paragraph 1 and the template in Annex II.	(e) the ~~plans comply~~ <u>plan complies</u> with the requirements of paragraph 1 and the template in Annex II.;	(e) the plans comply with the requirements of paragraph 1 and the template in Annex II.	(e) the plans comply with the requirements of paragraph 1 and the template in Annex II.

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				Text Origin: COM Proposal incl. RePowerEU
Article 3(4), first subparagraph, point (ea)				
187a		<u>(ea) national and local authorities need the technical assistance to facilitate the implementation of these plans;</u>		deleted
Article 3(4), first subparagraph, point (eb)				
187b		<u>(eb) the plan provides for sufficient skilled workers and effective skilling and training initiatives.</u>		deleted already covered Annex II c) n (comment as in 175a)
Article 3(4), second subparagraph				
188	After consulting the Committee established by Article 30, the Commission may issue country-specific recommendations to Member States in accordance with Article 9(2) and Article 34 of Regulation (EU) 2018/1999.	After consulting the Committee established by Article 30, the Commission may issue country-specific recommendations to Member States in accordance with Article 9(2) and Article 34 of Regulation (EU) 2018/1999.	After consulting the experts of the Committee established by Article 30, the Commission may issue country-specific recommendations to Member States in accordance with Article 9(2) and Article 34 of Regulation (EU) 2018/1999.	After consulting the <u>experts of the</u> Committee established by Article 30, the Commission may issue country-specific recommendations to Member States in accordance with Article 9(2) and Article 34 of Regulation (EU) 2018/1999. Text Origin: Council Mandate
Article 3(4), third subparagraph				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
189	With regard to the first draft building renovation plan, the Commission may issue country-specific recommendations to Member States no later than six months after the Member State has submitted that plan.	With regard to the first draft building renovation plan, the Commission may issue country-specific recommendations to Member States no later than six months after the Member State has submitted that plan.	With regard to the first draft building renovation plan, the Commission may issue country-specific recommendations to Member States no later than six months after the Member State has submitted that plan.	With regard to the first draft building renovation plan, the Commission may issue country-specific recommendations to Member States no later than six months after the Member State has submitted that plan. Text Origin: COM Proposal incl. RePowerEU
Article 3(5)				
190	5. Each Member State shall take due account of any recommendations from the Commission in its final building renovation plan. If the Member State concerned does not address a recommendation or a substantial part thereof, it shall provide a justification to the Commission and make public its reasons.	5. <u>At each revision</u> , ~~Each~~ Member State shall take due account of any recommendations from the Commission in its final building renovation plan. If the Member State concerned does not address a recommendation or a substantial part thereof, it shall provide a justification to the Commission and make public its reasons.	5. With regard to the first draft building renovation plan , each Member State shall take due account of any recommendations from the Commission in its final building renovation plan. If the Member State concerned does not address a recommendation or a substantial part thereof, it shall provide a justification to the Commission and make public its reasons.	5. <u>In its final building renovation plan</u> , each Member State shall take due account of any recommendations from the Commission ~~in its final~~ <u>on the draft</u> building renovation plan. If the Member State concerned does not address a recommendation or a substantial part thereof, it shall provide a justification to the Commission and make public its reasons.
Article 3(6)				
191	6. Every five years, each Member State shall submit its building	6. Every five years, each Member State shall submit its building	6. Every five years, each Member State shall submit its building	6. Every five years, each Member State shall submit its building

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	renovation plan to the Commission, using the template in Annex II. Each Member State shall submit its building renovation plan as part of its integrated national energy and climate plan referred to in Article 3 of Regulation (EU) 2018/1999 and, where the Member States submits an update, its update referred to in Article 14 of that Regulation. By way of derogation from Article 3(1) and Article 14(2) of that Regulation, Member States shall submit the first building renovation plan to the Commission by 30 June 2025.	renovation plan to the Commission, using the template in Annex II. Each Member State shall submit its building renovation plan ~~as part of~~ <u>together with</u> its integrated national energy and climate plan referred to in Article 3 of Regulation (EU) 2018/1999 and, where the Member States submits an update, its update referred to in Article 14 of that Regulation. By way of derogation from Article 3(1) and Article 14(2) of that Regulation, Member States shall submit the first <u>draft</u> building renovation plan to the Commission <u>by 30 June 2024 and final building renovation plans</u> by 30 June 2025.	renovation plan to the Commission, using the template in Annex II. Each Member State shall submit its building renovation plan as part of its integrated national energy and climate plan referred to in Article 3 of Regulation (EU) 2018/1999 and, where the Member States submits an update, its update referred to in Article 14 of that Regulation. By way of derogation from Article 3(1) and Article 14(2) of that Regulation, Member States shall submit the first building renovation plan to the Commission by 30 June ~~2025~~ 2026.	renovation plan to the Commission, using the template in Annex II. Each Member State shall submit its building renovation plan as part of its integrated national energy and climate plan referred to in Article 3 of Regulation (EU) 2018/1999 and, where the Member States submits an update, its update referred to in Article 14 of that Regulation. By way of derogation from Article 3(1) and Article 14(2) of that Regulation, Member States shall submit the first building renovation plan to the Commission by ~~30 June 2025~~ <u>31 December 2026</u> .
Article 3(7)				
192	7. Each Member State shall annex the details of the implementation of its most recent long-term renovation strategy or building renovation plan to its next final building renovation plan . Each Member State shall state whether its national targets have been achieved.	7. Each Member State shall annex the details of the implementation of its most recent long-term renovation strategy ~~or~~ building renovation plan ~~to its~~ ~~next~~ final building renovation plan ~~to~~ . Each Member State shall state whether its national targets have been achieved.	7. Each Member State shall annex the details of the implementation of its most recent long-term renovation strategy ~~or~~ building renovation plan ~~to its~~ ~~next~~ final building renovation plan ~~to~~ . Each Member State shall state whether its national targets have been achieved.	7. Each Member State shall annex the details of the implementation of its most recent long-term renovation strategy ~~or~~ building renovation plan ~~to its~~ ~~next~~ final building renovation plan ~~to~~ . Each Member State shall state whether its national targets have been achieved.

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				Text Origin: Council Mandate
Article 3(8)				
193	8. Each Member State shall include in its integrated national energy and climate progress reports, in accordance with Articles 17 and 21 of Regulation (EU) 2018/1999, information on the implementation of the national targets referred to in paragraph 1, point (b) of this Article and the contribution of the building renovation plan to achieving the Member State's binding national target for greenhouse gas emissions pursuant to Regulation (EU) .../... [revised Effort Sharing Regulation], the Union's energy efficiency targets in accordance with Directive (EU) .../... [recast EED], the Union's renewable energy targets, including the indicative target for the share of energy from renewable sources in the building sector in accordance with Directive (EU) 2018/2001 [amended RED], and the Union's 2030 climate target and 2050 climate neutrality goal in accordance with Regulation (EU)	8. Each Member State shall include in its integrated national energy and climate progress reports, in accordance with Articles 17 and 21 of Regulation (EU) 2018/1999, information on the implementation of the national targets referred to in paragraph 1, point (b) of this Article and the contribution of the building renovation plan to achieving the Member State's binding national target for greenhouse gas emissions pursuant to Regulation (EU) .../... [revised Effort Sharing Regulation], the Union's energy efficiency targets in accordance with Directive (EU) .../... [recast EED], the Union's renewable energy targets, including the indicative target for the share of energy from renewable sources in the building sector in accordance with Directive (EU) 2018/2001 [amended RED], and the Union's 2030 climate target and 2050 climate neutrality goal in accordance with Regulation (EU)	8. Each Member State shall include in its integrated national energy and climate progress reports, in accordance with Articles 17 and 21 of Regulation (EU) 2018/1999, information on the implementation of the national targets referred to in paragraph 1, point (b) of this Article and the contribution of the building renovation plan to achieving the Member State's binding national target for greenhouse gas emissions pursuant to Regulation (EU) .../... [revised Effort Sharing Regulation], the Union's energy efficiency targets in accordance with Directive (EU) .../... [recast EED], the Union's renewable energy targets, including the indicative target for the share of energy from renewable sources in the building sector in accordance with Directive (EU) 2018/2001 [amended RED], and the Union's 2030 climate target and 2050 climate neutrality goal in accordance with Regulation (EU)	8. Each Member State shall include in its integrated national energy and climate progress reports, in accordance with Articles 17 and 21 of Regulation (EU) 2018/1999, information on the implementation of the national targets referred to in paragraph 1, point (b) of this Article. <u>In its annual State</u> ~~and the contribution of the building renovation plan to achieving the Member State's binding national target for greenhouse gas emissions pursuant to~~ <u>Energy Union report pursuant to Article 35 of</u> Regulation (EU) .../... ~~[revised Effort Sharing Regulation], the Union's energy efficiency targets in accordance with Directive (EU) .../... [recast EED], the Union's renewable energy targets, including the indicative target for the share of energy from renewable sources~~ <u>2018/1999, the Commission shall include, biennially, an overall progress report on the renovation of the</u>

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	2021/1119.	2021/1119.	2021/1119.	<u>national stock of residential and non-residential buildings, both public and private, in line with the roadmaps set out</u> in the building sector in accordance with ~~Directive (EU) 2018/2001 (amended RED)~~, and the Union's 2030 climate target and 2050 <u>renovation plans, based upon the information submitted by the Member States in their integrated national energy and</u> climate ~~neutrality goal in accordance with Regulation (EU) 2021/1119~~ <u>progress reports</u>. Text Origin: Council Mandate
Article 3(8a)				
193a		<u>Article 3a</u> <u>An integrated district approach to building renovation</u>		Article to be deleted, but reference to be included in annex II
Article 3(8b)				
193b		<u>1. Member States may empower regional and local authorities to identify integrated districts in order to roll-out integrated renovation programmes (IRPs) at</u>		

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u><i>district level. The IRPs shall address social pattern, energy, mobility, green infrastructures, waste and water treatment, and management and other aspects of urban planning to be considered at a district level, and shall take into account local and regional resources, circularity and sufficiency.</i></u>		
Article 3a (2)				
193c		<u><i>2. The IRPs shall take into account the comprehensive heating and cooling assessments referred to in Article 14(1) of Directive 2012/27/EU, the refurbishment or construction of efficient heating and cooling systems as referred to in Article 24 of Directive (EU) .../... [recast EED], and the required infrastructure, as well as installations and infrastructures of renewable energy communities. Member States shall consider at a district level the optimisation of the energy system in accordance with the energy efficiency first principle, while promoting demand-side flexibility.</i></u>		

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
Article 3a (3)				
193d		<u>3. Member States shall implement local level integrated mobility plans and sustainable urban mobility plans that are aligned with IRPs and encompass public transport planning and deployment with other means of active and shared mobility, as well as the related infrastructure for operating, recharging, storing and parking.</u>		
Article 3a (4)				
193e		<u>4. One-stop shops established pursuant to Articles 15a may inform decisions regarding the design of IRPs with a view to revitalising, targeting and supporting communities.</u>		
Article 4				
194	Article 4 Adoption of a methodology for calculating the energy performance of buildings	Article 4 Adoption of a methodology for calculating the energy performance of buildings	Article 4 Adoption of a methodology for calculating the energy performance of buildings	Article 4 Adoption of a methodology for calculating the energy performance of buildings

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				Text Origin: COM Proposal incl. RePowerEU
Article 4, first paragraph				
195	Member States shall apply a methodology for calculating the energy performance of buildings in accordance with the common general framework set out in Annex I.	Member States shall apply a methodology for calculating the energy performance of buildings in accordance with the common general framework set out in Annex I.	Member States shall apply a methodology for calculating the energy performance of buildings in accordance with the common general framework set out in Annex I.	Member States shall apply a methodology for calculating the energy performance of buildings in accordance with the common general framework set out in Annex I. Text Origin: COM Proposal incl. RePowerEU
Article 4, second paragraph				
196	That methodology shall be adopted at national or regional level.	That methodology shall be adopted at national or regional level.	~~That~~ That methodology shall be adopted at national or regional level.	~~That~~ That methodology shall be adopted at national or regional level. <u>The Commission shall issue guidance about the calculation of the energy performance of transparent building elements that form part of the building envelope.</u> Text Origin: Council Mandate
Article 5				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
197	Article 5 Setting of minimum energy performance requirements	Article 5 Setting of minimum energy performance requirements	Article 5 Setting of minimum energy performance requirements	Article 5 Setting of minimum energy performance requirements Text Origin: COM Proposal incl. RePowerEU
Article 5(1), first subparagraph				
198	1. Member States shall take the necessary measures to ensure that minimum energy performance requirements for buildings or building units are set with a view to at least achieving cost-optimal levels. The energy performance shall be calculated in accordance with the methodology referred to in Article 4. Cost-optimal levels shall be calculated in accordance with the comparative methodology framework referred to in Article 6 .	1. Member States shall take the necessary measures to ensure that minimum energy performance requirements for buildings or building units are set with a view to ~~at least~~ achieving cost-optimal levels <u>and higher reference values such as nearly zero-energy building requirements and zero-emission buildings requirements</u> . The energy performance shall be calculated in accordance with the methodology referred to in Article 4. Cost-optimal levels shall be calculated in accordance with the comparative methodology framework referred to in Article 6-.	1. Member States shall take the necessary measures to ensure that minimum energy performance requirements for buildings or building units are set with a view to ~~at least~~ achieving cost-optimal levels. The energy performance shall be calculated in accordance with the methodology referred to in Article 4. Cost-optimal levels shall be calculated in accordance with the comparative methodology framework referred to in Article 6-.	1. Member States shall take the necessary measures to ensure that minimum energy performance requirements for buildings or building units are set with a view to ~~at least~~ achieving cost-optimal levels <u>and, where relevant, more stringent reference values such as nearly zero-energy building requirements and zero-emission buildings requirements</u> . The energy performance shall be calculated in accordance with the methodology referred to in Article 4. Cost-optimal levels shall be calculated in accordance with the comparative methodology framework referred to in Article 6-.
Article 5(1), second subparagraph				
199				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	Member States shall take the necessary measures to ensure that minimum energy performance requirements are set for building elements that form part of the building envelope and that have a significant impact on the energy performance of the building envelope when they are replaced or retrofitted, with a view to achieving at least cost-optimal levels.	Member States shall take the necessary measures to ensure that minimum energy performance requirements ~~are set for building elements that form part of the~~ <u>and renovation obligations are set for all building envelope and that elements that</u> have a significant impact on the energy performance of the building ~~envelope~~ when they are replaced or retrofitted, with a view to achieving ~~at least~~ cost-optimal levels <u>and higher reference values, such as nearly zero-energy building requirements and zero-emission building requirements. The energy performance of building elements shall be calculated in accordance with the methodology referred to in Article 4.</u>	Member States shall take the necessary measures to ensure that minimum energy performance requirements are set for building elements that form part of the building envelope and that have a significant impact on the energy performance of the building envelope when they are replaced or retrofitted, with a view to achieving ~~at least~~ cost-optimal levels.	Member States shall take the necessary measures to ensure that minimum energy performance requirements are set for building elements that form part of the building envelope and that have a significant impact on the energy performance of the building envelope when they are replaced or retrofitted, with a view to achieving ~~at least~~ cost-optimal levels.
Article 5(1), third subparagraph				
200	When setting requirements, Member States may differentiate between new and existing buildings and between different categories of buildings.	When setting requirements, Member States may differentiate between new and existing buildings and between different categories of buildings.	When setting requirements, Member States may differentiate between new and existing buildings and between different categories of buildings.	When setting requirements, Member States may differentiate between new and existing buildings and between different categories of buildings. Text Origin: COM Proposal incl. RePowerEU

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	Article 5(1), fourth subparagraph			
G	201	Those requirements shall take account of ~~general~~ <u>healthy</u> indoor climate conditions, ~~in order to avoid possible negative effects such as inadequate ventilation, as well as local conditions and the designated function and the age of the building.~~ <u>as inadequate ventilation, based on optimal indoor environmental quality</u> as well as local conditions and the designated function and the age of the building.	–Those– requirements shall take account of general indoor climate conditions, in order to avoid possible negative effects such as inadequate ventilation, as well as local conditions and the designated function and the age of the building.	Those requirements shall take account of ~~general~~ <u>optimal</u> indoor ~~climate conditions~~ <u>environmental quality</u> , in order to avoid possible negative effects such as inadequate ventilation, as well as local conditions and the designated function and the age of the building.
	Article 5(1), fifth subparagraph			
G	202	Member States shall review their minimum energy performance requirements at regular intervals which shall not be longer than five years and shall , if necessary, update them in order to reflect technical progress in the building sector , the results of the cost-optimal calculation set out in Article 6, and updated national energy and climate targets and policies .	–Member States shall review their minimum energy performance requirements– at regular intervals which shall not be longer than five years and– shall–, if necessary, update them– in order to reflect technical progress in the building sector–, the results of the cost-optimal calculation set out in Article 6, and updated national energy and climate targets and policies–.	–Member States shall review their minimum energy performance requirements– at regular intervals which shall not be longer than five years and– shall–, if necessary, update them– in order to reflect technical progress in the building sector–, the results of the cost-optimal calculation set out in Article 6, and updated national energy and climate targets and policies–.
	Article 5(1a)			
Y	202a			Y

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>1a. Member States may adopt an intermediate minimum energy performance requirement, including the achievement of a minimum building envelope efficiency level, the maximum energy use per kWh/ m2 /y, the readiness to operate low temperature heating, heat pumps or flexible electric space heating, and minimum demand response capacity.</u>		COM to split - art 5 with provisions on envelope and in Art 11 technical building system references. Demand response capacity to be deleted.
Article 5(2)				
203	2. Member States may decide to adapt the requirements referred to in paragraph 1 to buildings officially protected as part of a designated environment or because of their special architectural or historical merit, in so far as compliance with certain minimum energy performance requirements would unacceptably alter their character or appearance.	2. Member States may decide <u>not to set or not to apply</u> ~~to adapt~~ the requirements referred to in paragraph 1 to buildings officially protected as part of a designated environment or because of their special architectural or historical merit, in so far as compliance with certain minimum energy performance requirements would unacceptably alter their character or appearance. <u>Member States shall ensure that the renovation of monuments is carried out in accordance with national conservation rules, international conservation standards and the</u>	2. Member States may decide to adapt the requirements referred to in paragraph 1 to buildings officially protected at national, regional or local level , as part of a designated environment or because of their special architectural or historical merit, in so far as compliance with ~~certain minimum energy performance~~ the requirements would unacceptably alter their character or appearance.	2. Member States may decide to adapt the requirements referred to in paragraph 1 to buildings officially protected <u>at national, regional or local level</u> , as part of a designated environment or because of their special architectural or historical merit, in so far as compliance with certain ~~minimum energy performance~~ requirements would unacceptably alter their character or appearance. + COM to prepare a clarifying recital on monuments

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>original architecture of the monuments concerned.</u>		
Article 5(3)				
G 204	3. Member States may decide not to set or apply the requirements referred to in paragraph 1 to the following categories of buildings:	3. Member States may decide not to set or apply the requirements referred to in paragraph 1 to the following categories of buildings:	3. Member States may decide not to set or apply the requirements referred to in paragraph 1 to the following categories of buildings:	3. Member States may decide not to set or apply the requirements referred to in paragraph 1 to the following categories of buildings: Text Origin: COM Proposal incl. RePowerEU
Article 5(3), point (-a)				
Y 204a			(-a) buildings owned by the armed forces or central government and serving national defence purposes, apart from single living quarters or office buildings for the armed forces and other staff employed by national defence authorities;	to be discussed with Article 9 and aligned with the EED wording
Article 5(3), point (a)				
G 205	(a) buildings used as places of worship and for religious activities;	(a) buildings used as places of worship and for religious activities;	(a) buildings used as places of worship and for religious activities;	(a) buildings used as places of worship and for religious activities; Text Origin: COM Proposal incl. RePowerEU

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	Article 5(3), point (b)			
Y	206	(b) temporary buildings with a time of use of two years or less, industrial sites, workshops, <u>depots</u> and non-residential ~~agricultural~~ <u>service</u> buildings with <u>very</u> low energy <u>and heating or cooling</u> demand, <u>infrastructural supply stations, such as transformer stations, substations, pressure control plants, railway constructions, as well as</u> ~~and~~ non-residential agricultural buildings which are in use by a sector covered by a national sectoral agreement on energy performance;	(b) temporary buildings with a time of use of two years or less, industrial sites, workshops and non-residential agricultural buildings with low energy demand and non-residential agricultural buildings which are in use by a sector covered by a national sectoral agreement on energy performance;	to get back to when Article 9 is discussed, together with 255
	Article 5(3), point (c)			
G	207	(c) residential buildings which are used or intended to be used for either less than four months of the year or, alternatively, for a limited annual time of use and with an expected energy consumption of less than 25 % of what would be the result of all-year use;	(c) residential buildings which are used or intended to be used for either less than four months of the year or, alternatively, for a limited annual time of use and with an expected energy consumption of less than 25 % of what would be the result of all-year use;	(c) residential buildings which are used or intended to be used for either less than four months of the year or, alternatively, for a limited annual time of use and with an expected energy consumption of less than 25 % of what would be the result of all-year use; Text Origin: COM Proposal

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				incl. RePowerEU
Article 5(3), point (d)				
208	(d) stand-alone buildings with a total useful floor area of less than 50 m².	(d) stand-alone buildings with a total useful floor area of less than 50 m².	(d) stand-alone buildings with a total useful floor area of less than 50 m².	(d) stand-alone buildings with a total useful floor area of less than 50 m². Text Origin: COM Proposal incl. RePowerEU
Article 6				
209	Article 6 Calculation of cost-optimal levels of minimum energy performance requirements	Article 6 Calculation of cost-optimal levels of minimum energy performance requirements	Article 6 Calculation of cost-optimal levels of minimum energy performance requirements	Article 6 Calculation of cost-optimal levels of minimum energy performance requirements Text Origin: COM Proposal incl. RePowerEU
Article 6(1), first subparagraph				
210	1. The Commission is empowered to adopt delegated acts in accordance with Article 29 concerning a comparative methodology framework for calculating cost-optimal levels of minimum energy performance requirements for buildings and	1. The Commission— ~~is~~ empowered to— ~~adopt—~~ delegated acts in accordance with Article 29 ~~concerning—~~ <u>supplementing this Directive by establishing</u> a comparative methodology framework for calculating cost-optimal levels of minimum energy	1. The Commission— is empowered to— adopt— delegated acts in accordance with Article 29 to supplement this Directive concerning— a comparative methodology framework for calculating cost-optimal levels of minimum energy performance	1. The Commission— ~~is~~ empowered to— ~~adopt—~~ delegated acts in accordance with Article 29 <u>to supplement this Directive</u> concerning— ~~a~~ comparative methodology framework for calculating cost-optimal levels of minimum energy performance

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	building elements. By 30 June 2026, the Commission shall revise the comparative methodology framework for calculating cost-optimal levels of minimum energy performance requirements in existing buildings undergoing major renovation and for individual building elements.	performance requirements for buildings and building elements. By 30 June ~~2026~~ 2024, the Commission shall revise the comparative methodology framework for calculating cost-optimal levels of minimum energy performance requirements in existing buildings undergoing major renovation and for individual building elements <u>which are in line with the national pathways set out in the national energy and climate plans submitted to the Commission pursuant to Article 14 of Regulation (EU) 2018/1999.</u>	requirements for buildings and building elements.— By 30 June ~~2026~~ 2025, the Commission shall revise the comparative methodology framework for calculating cost-optimal levels of minimum energy performance requirements in new buildings and existing buildings undergoing major renovation and for individual building elements.	requirements for buildings and building elements.— By 30 June ~~2026~~ , ~~2025~~ , the Commission shall revise the comparative methodology framework for calculating cost-optimal levels of minimum energy performance requirements in <u>new buildings and</u> existing buildings undergoing major renovation and for individual building elements, <u>which are in line with the national pathways set out in the national energy and climate plans submitted to the Commission pursuant to Article 14 of Regulation (EU) 2018/1999.</u> Trilogue 12 October
Article 6(1), second subparagraph				
211	The comparative methodology framework shall be laid down in accordance with Annex VII and shall differentiate between new and existing buildings and between different categories of buildings.	The comparative methodology framework shall be laid down in accordance with Annex VII and shall differentiate between new and existing buildings and between different categories of buildings.	The comparative methodology framework shall be— laid down— in accordance with Annex VII and shall differentiate between new and existing buildings and between different categories of buildings.	The comparative methodology framework shall be—laid down—in accordance with Annex VII and shall differentiate between new and existing buildings and between different categories of buildings.
Article 6(2), first subparagraph				
212	2. Member States shall calculate	2. Member States shall calculate	2. Member States shall calculate	2. Member States shall calculate

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	cost-optimal levels of minimum energy performance requirements using the comparative methodology framework established in accordance with paragraph 1 and relevant parameters, such as climatic conditions and the practical accessibility of energy infrastructure, and compare the results of that calculation with the minimum energy performance requirements in force.	cost-optimal levels of minimum energy performance requirements using the comparative methodology framework established in accordance with paragraph 1, <u>taking into account the life-cycle GWP</u> , and relevant parameters, such as climatic conditions and the practical accessibility of energy infrastructure, and compare the results of ~~that~~ <u>that</u> calculation with the minimum energy performance requirements in force.	cost-optimal levels of minimum energy performance requirements using the comparative methodology framework established in accordance with paragraph 1 and relevant parameters, such as climatic conditions and the practical accessibility of energy infrastructure, and compare the results of ~~that~~ <u>that</u> calculation with the minimum energy performance requirements in force.	cost-optimal levels of minimum energy performance requirements using the comparative methodology framework established in accordance with paragraph 1 and relevant parameters, such as climatic conditions and the practical accessibility of energy infrastructure, and compare the results of ~~that~~ <u>that</u> calculation with the minimum energy performance requirements in force. <u>Member States may take into account the life-cycle GWP.</u>
	Article 6(2), second subparagraph			
213	Member States shall report to the Commission all input data and assumptions used for those calculations and the results of those calculations. Member States shall update and submit those reports to the Commission at regular intervals, which shall not be longer than five years. The first report based on the revised methodology framework pursuant to paragraph 1 shall be submitted by 30 June 2028.	<i>deleted</i>	Member States shall report to the Commission all input data and assumptions used for those calculations and the results of those calculations. Member States shall update and— submit those reports to the Commission at regular intervals, which shall not be longer than five years.— The first report based on the revised methodology framework pursuant to paragraph 1 shall be submitted by 30 June 2028.	Member States shall report to the Commission all input data and assumptions used for those calculations and the results of those calculations. Member States shall update and submit those reports to the Commission at regular intervals, which shall not be longer than five years. The first report based on the revised methodology framework pursuant to paragraph 1 shall be submitted by 30 June 2028.

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				Text Origin: COM Proposal incl. RePowerEU
Article 6(2a)				
Y	213a	<u>2a. In every report, Member States shall duly take into account in particular the influence of changes in energy prices, building materials and labour costs in comparison to the preceding report, with a view of adjusting the cost-optimal levels, where relevant. Member States shall correct their calculations for any difference between real market prices and temporary price regulations and direct income support measures and ensure using three-year averages for both energy prices from previous years and expected future prices in their calculations.</u>		To be deleted or aligned with cost-optimality regulation
Article 6(3)				
G	214	3. If the result of the comparison performed in accordance with paragraph 2 shows that the minimum energy performance requirements in force are more	3. If the result of the comparison performed in accordance with paragraph 2 shows that the minimum energy performance requirements in force are more	3. If the result of the comparison performed in accordance with paragraph 2 shows that the minimum energy performance requirements in force are more

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	than 15% less energy efficient than cost-optimal levels of minimum energy performance requirements, the Member State concerned shall include in the report to the Commission referred to in paragraph 2 a plan outlining appropriate steps to review the energy performance requirements as referred to in Article 5(1).	than 15%—less energy efficient than cost-optimal levels of minimum energy performance requirements, the Member State concerned shall ~~include in the report—to the Commission referred to in paragraph 2 a plan outlining appropriate steps to review the energy performance requirements as referred to in Article 5(1)~~ <u>adjust the minimum energy performance requirements in place within 12 months of the availability of the results of that comparison.</u>	than 15%— less energy efficient than cost-optimal levels of minimum energy performance requirements, the Member State concerned shall— include in the report—to the Commission referred to in paragraph 2– a plan outlining appropriate steps to review– the energy performance requirements as referred to in Article 5(1).	than 15%—less energy efficient than cost-optimal levels of minimum energy performance requirements, the Member State concerned shall ~~include in the report—to the Commission referred to in paragraph 2 a plan outlining appropriate steps to review the energy performance requirements as referred to in Article 5(1)~~ <u>adjust the minimum energy performance requirements in place within 24 months of the availability of the results of that comparison.</u>
	Article 6(4)			
215	4. The Commission shall publish a report on the progress of the Member States in reaching cost-optimal levels of minimum energy performance requirements.	4. The Commission shall publish a report on the progress of the Member States in reaching cost-optimal levels of minimum energy performance requirements. <u>Member States shall report to the Commission and make use of the template provided in Annex III to the Commission Delegated Regulation (EU) No 244/2012¹.</u> <u>1. Commission Delegated Regulation (EU) No 244/2012 of 16 January 2012 supplementing Directive 2010/31/EU of the European Parliament and of the</u>	4. The Commission shall publish a report on the progress of the Member States in reaching cost-optimal levels of minimum energy performance requirements.	4. The Commission shall publish a report on the progress of the Member States in reaching cost-optimal levels of minimum energy performance requirements. <u>Member States shall report to the Commission and make use of the template provided in Annex III to the Commission Delegated Regulation (EU) No 244/2012¹.</u> <u>1. Commission Delegated Regulation (EU) No 244/2012 of 16 January 2012 supplementing Directive 2010/31/EU of the European Parliament and of the</u>

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>Council on the energy performance of buildings by establishing a comparative methodology framework for calculating cost-optimal levels of minimum energy performance requirements for buildings and building elements (OJ L 81, 21.3.2012, p. 18).</u>		<u>Council on the energy performance of buildings by establishing a comparative methodology framework for calculating cost-optimal levels of minimum energy performance requirements for buildings and building elements (OJ L 81, 21.3.2012, p. 18).</u> check: need to change the reference to annex III/DA = wording fine
Article 7				
216	Article 7 New buildings	Article 7 New buildings	Article 7 New buildings	Article 7 New buildings Text Origin: COM Proposal incl. RePowerEU
Article 7(1), first subparagraph				
217	1. Member States shall ensure that from the following dates, new buildings are zero-emission buildings in accordance with Annex III:	1. Member States shall ensure that from the following dates, new buildings are zero-emission buildings in accordance with Annex III:	1. Member States shall ensure that ~~from the following dates~~ , new buildings are zero-emission buildings in accordance with ~~Annex III~~ Article 9b :	1. Member States shall ensure that ~~from the following dates~~ , new buildings are zero-emission buildings in accordance with ~~Annex~~ Article 9b : Trilogue 12 October
Article 7(1), first subparagraph, point (a)				
218	(a) as of 1 January 2027, new	(a) ~~as of from~~ 1 January ~~2027~~ 2026 ,	(a) as of 1 January ~~2027~~ 2028 , new	(a) as of 1 January ~~2027~~ 2028 , new

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	buildings occupied or owned by public authorities; and	new buildings occupied, <u>operated</u> or owned by public authorities; and	buildings ~~occupied or~~ owned by public ~~authorities~~ <u>bodies</u> ; and	buildings ~~occupied or~~ owned by public ~~authorities~~ <u>bodies</u> ; and Trilogue 12 October
Article 7(1), first subparagraph, point (b)				
219	(b) as of 1 January 2030, all new buildings;	(b) ~~as of from~~ 1 January ~~2030~~ <u>2028</u> , all new buildings;	(b) as of 1 January 2030, all new buildings;	(b) as of 1 January 2030, all new buildings; Trilogue 12 October Text Origin: COM Proposal incl. RePowerEU
Article 7(1), second subparagraph				
220	Until the application of the requirements under the first subparagraph, Member States shall ensure that all new buildings are at least nearly zero-energy buildings and meet the minimum energy performance requirements laid down in accordance with Article 5.	Until the application of the requirements under the first subparagraph, Member States shall ensure that all new buildings are at least nearly zero-energy buildings and meet the minimum energy performance requirements laid down in accordance with Article 5.	–Until the application of the requirements under the first subparagraph,– Member States shall– ensure that– ~~all~~ – <u>all</u> new buildings– are at least nearly zero-energy buildings and– meet the minimum energy performance requirements laid down in accordance with Article 5. Where public bodies aim to occupy a new building that they do not own, they shall aim for that building to be a zero-emission building.	–Until the application of the requirements under the first subparagraph,– ~~Member States shall–~~ ensure that– ~~all~~ – <u>all</u> new buildings– ~~are~~ – are at least nearly zero-energy buildings and– ~~meet~~ the minimum energy performance requirements laid down in accordance with Article 5. <u>Where public bodies aim to occupy a new building that they do not own, they shall aim for that building to be a zero-emission building.</u> Text Origin: Council Mandate

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	Article 7(2)			
221	2. Member States shall ensure that the life-cycle Global Warming Potential (GWP) is calculated in accordance with Annex III and disclosed through the energy performance certificate of the building:	2. Member States shall ensure that the life-cycle ~~Global Warming Potential (GWP)~~ GWP is calculated in accordance with Annex III and disclosed through the energy performance certificate of the building:	2. Member States shall ensure that the life-cycle Global Warming Potential (GWP) is calculated in accordance with Annex III and disclosed through the energy performance certificate of the building:	2. Member States shall ensure that the life-cycle Global Warming Potential (GWP) is calculated in accordance with Annex III and disclosed through the energy performance certificate of the building: Trilogue 12 October
	Article 7(2), point (a)			
222	(a) as of 1 January 2027, for all new buildings with a useful floor area larger than 2000 square meters; and	~~(a)~~ as of 1 January 2027, for all new buildings ~~with a useful floor area larger than 2000 square meters; and~~ .	(a) as of 1 January 2027, for all new buildings with a useful floor area ~~larger than~~ over 2000 square meters; and	(a) as of 1 January ~~2027~~ 2028 , for all new buildings with a useful floor area larger than ~~2000~~ 1000 square meters; ~~and~~ Trilogue 12 October
	Article 7(2), point (b)			
223	(b) as of 1 January 2030, for all new buildings.	<i>deleted</i>	(b) as of 1 January 2030, for all new buildings.	(b) as of 1 January 2030, for all new buildings. Trilogue 12 October Text Origin: COM Proposal incl. RePowerEU

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	Article 7(2), point (ba)			
223a		<u>2a. By 31 December 2025 the Commission shall adopt a delegated act in accordance with Article 29 to supplement this Directive by setting out a harmonised EU framework for the calculation of life-cycle GWP, developed in an inclusive stakeholder process and building on the LEVELs framework and standard EN 15978.</u>		<u>2a. The Commission is empowered to adopt delegated acts in accordance with Article 29 to amend Annex III to set out a Union framework for the national calculation of life-cycle GWP with a view to achieving climate neutrality. The first such delegated act shall be adopted by 31 December 2025.</u> Trilogue 12 October
	Article 7(2), point (bb)			
223b			2a. Member States may decide not to apply paragraphs 1 and 2 to categories of buildings for which building permit applications or equivalent applications including for change of use have already been submitted by the dates pursuant to paragraphs 1 and 2.	<u>(bb) Member States may decide not to apply paragraphs 1 and 2 to categories of buildings for which building permit applications or equivalent applications including for change of use have already been submitted by the dates pursuant to paragraphs 1 and 2.</u> Trilogue 12 October
	Article 7(2), point (bc)			

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
223c		<u>2b. By 1 January 2027, to ensure reductions in greenhouse gas emissions, Member States shall publish a roadmap detailing the introduction of limit values on the total cumulative life-cycle GWP of all new buildings and set targets for new buildings from 2030, considering a progressive downward trend, as well as maximum requirements, detailed for different climatic zones and building typologies.</u> Comment: recommends changing "Maximum requirements" into "Maximum limit values" in line with wording used in line 223d and 223f.		<u>(bc) By 1 January 2027 Member States shall publish and notify the Commission a roadmap detailing the introduction of limit values on the total cumulative life-cycle GWP of all new buildings and set targets for new buildings from 2030, considering a progressive downward trend, as well as maximum limit values, detailed for different climatic zones and building typologies.</u> DQL check the wording Trilogue 12 October
Article 7(2), point (bd)				
223d		<u>In setting maximum limit values on the total cumulative life-cycle GWP, Member States shall determine appropriate benchmarks based on reported data for the relevant building types, as per the requirements set out in paragraph 2.</u>		deleted Trilogue 12 October
Article 7(2), point (be)				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
223e		<u>The Commission shall issue guidance, share evidence on existing national policies and offer technical support to Member States, at their request, for the purpose of determining appropriate national benchmark values.</u>		<u>The Commission shall issue guidance, share evidence on existing national policies and offer technical support to Member States, at their request.</u> Trilogue 12 October
Article 7(2), point (bf)				
223f		<u>Those maximum limit values shall be in line with the Union's objectives to achieve climate neutrality.</u>		<u>Those maximum limit values shall be in line with the Union's objectives to achieve climate neutrality.</u> to move above Trilogue 12 October Text Origin: EP Mandate, 29 Sept
Article 7(3)				
224	3. The Commission is empowered to adopt delegated acts in accordance with Article 29 to supplement this Directive in order to adapt Annex III to technological	3. The Commission is empowered to adopt delegated acts in accordance with Article 29 to supplement this Directive in order to adapt Annex III to technological	3. The Commission is empowered to adopt delegated acts in accordance with Article 29 to supplement ~~amend~~ this Directive in order to adapt Annex III to	~~deleted~~ covered by 223a Trilogue 12 October

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	progress and innovation, to set adapted maximum energy performance thresholds in Annex III to renovated buildings and to adapt the maximum energy performance thresholds for zero-emission buildings.	progress and innovation <u>with a view to achieve climate neutrality</u> , to set adapted maximum energy performance thresholds in Annex III to renovated buildings and to ~~adapt~~ <u>subsequently decrease considering cost optimality</u> , the maximum energy performance thresholds for zero-emission buildings.	technological progress and innovation, to set adapted maximum energy performance thresholds in Annex III to renovated buildings and to adapt the maximum energy performance thresholds for zero-emission buildings.	
Article 7(4)				
225	4. Member States shall address, in relation to new buildings, the issues of healthy indoor climate conditions, adaptation to climate change, fire safety, risks related to intense seismic activity and accessibility for persons with disabilities. Member States shall also address carbon removals associated to carbon storage in or on buildings.	4. <u>By.../24 months after the date of entry into force of this Directive</u> , Member States shall ~~address, in relation to new buildings, the issues of healthy indoor~~ <u>ensure that new buildings have optimal indoor environmental quality levels, including air quality, thermal comfort, a high capacity to mitigate and adapt to</u> climate ~~conditions, adaptation to climate change, change through, inter alia, green infrastructure, adhere to~~ fire safety <u>and safety lighting standards, mitigate</u> , risks related to intense seismic activity and <u>prioritise</u> accessibility for persons with disabilities. Member States	4. Member States shall address, in relation to new buildings, the issues of healthy indoor climate conditions, adaptation to climate change, fire safety, risks related to intense seismic activity and accessibility for persons with disabilities. Member States shall also address carbon removals associated to carbon storage in or on buildings.	4. Member States shall address, in relation to new buildings, the issues of ~~healthy~~ <u>optimal indoor environmental quality</u> ~~indoor climate conditions~~ , adaptation to climate change, fire safety, risks related to intense seismic activity and accessibility for persons with disabilities. Member States shall also address carbon removals associated to carbon storage in or on buildings. Trilogue 12 October

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		shall also address carbon removals associated to carbon storage in or on buildings.		
	Article 7(4a)			
R	225a	<u>4a. Member States shall introduce measures to ensure that the use of fossil fuel heating systems in new buildings is not authorised from... [date of transposition of this Directive]. Hybrid heating systems, boilers certified to run on renewable fuels and other technical building systems not exclusively using fossil fuels that comply with the requirements set out in Article 11(1) shall not be considered to be fossil heating systems for the purposes of this paragraph.</u>		
	Article 7(4b)			
G	225b	<u>4b. By 1 January 2025, the Commission shall adopt a delegated act to supplement this Directive by setting out thresholds for newly constructed zero emission buildings for the purpose of Annex III, including a</u>		deleted Trilogue 12 October

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>description of the calculation methodology per building type and applied climate on the basis of Annex A of the key European standards on the energy performance of buildings in accordance with Annex I.</u> <u>Member States shall notify the Commission about their corresponding national values, including a description of the calculation methodology per building type and applied climate, on the basis of Annex A of the key European standards on the energy performance of buildings in accordance with Annex I.</u>		
Article 7(4c)				
225c		<u>Article 7a</u> <u>New European Bauhaus</u>		Article to be deleted, but reference to be included in annex II
Article 7a (1)				
225d		<u>1. Member States shall ensure that developers of building renovation projects are provided with information about the objectives and involvement</u>		

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>opportunities in the New European Bauhaus initiative, when they seek advice, apply for funding and building permits.</u>		
Article 7a (2)				
225e		<u>2. Member States shall empower local authorities to develop dedicated support measures for reference buildings as referred to in Annex VII that are culturally enriching, sustainable and inclusive in line with the New European Bauhaus initiative. Such measures may encompass financial schemes for renovations showcasing how individual buildings or whole neighbourhoods can be transformed into zero emission buildings and districts in an affordable, sustainable and socially inclusive way, while maximising wider benefits, in a participatory and bottom-up approach.</u>		
Article 7a (3)				
225f		<u>3. Member States shall put in</u>		

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>place national industrial roadmaps to increase the availability for of locally adaptable prefabricated building elements for building renovation that provide different functions, including aesthetics, insulation energy generation, and green infrastructures, and promote biodiversity, water management, accessibility and mobility.</u>		
Article 8				
226	Article 8 Existing buildings	Article 8 Existing buildings	Article 8 Existing buildings	Article 8 Existing buildings Text Origin: COM Proposal incl. RePowerEU
Article 8(1), first subparagraph				
227	1. Member States shall take the necessary measures to ensure that when buildings undergo major renovation, the energy performance of the building or the renovated part thereof is upgraded in order to meet minimum energy performance requirements set in accordance with Article 5 in so far	1. Member States shall take the necessary measures to ensure that when buildings undergo major renovation, the energy performance of the building or the renovated part thereof is upgraded in order to meet minimum energy performance requirements set in accordance with Article 5 ₂ in so far	1. Member States shall take the necessary measures to ensure that when buildings undergo major renovation, the energy performance of the building or the renovated part thereof is upgraded in order to meet minimum energy performance requirements set in accordance with Article 5 in so far	1. Member States shall take the necessary measures to ensure that when buildings undergo major renovation, the energy performance of the building or the renovated part thereof is upgraded in order to meet minimum energy performance requirements set in accordance with Article 5 in so far

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	as that is technically, functionally and economically feasible.	as ~~that~~ <u>that</u> is technically, functionally and economically feasible.	as ~~that~~ <u>that</u> is technically, functionally and economically feasible.	as ~~that~~ <u>that</u> is technically, functionally and economically feasible.
Article 8(1), second subparagraph				
228	Those requirements shall be applied to the renovated building or building unit as a whole. Additionally or alternatively, requirements may be applied to the renovated building elements.	Those requirements shall be applied to the renovated building or building unit as a whole. Additionally or alternatively, requirements may be applied to the renovated building elements.	Those requirements shall be applied to the renovated building or building unit as a whole. Additionally or alternatively, requirements may be applied to the renovated building elements.	Those requirements shall be applied to the renovated building or building unit as a whole. Additionally or alternatively, requirements may be applied to the renovated building elements. Text Origin: COM Proposal incl. RePowerEU
Article 8(2)				
229	2. Member States shall in addition take the necessary measures to ensure that when a building element that forms part of the building envelope and has a significant impact on the energy performance of the building envelope is retrofitted or replaced, the energy performance of the building element meets minimum energy performance requirements in so far as that is technically, functionally and economically	2. Member States shall in addition take the necessary measures to ensure that when a building element that forms part of the building envelope and has a significant impact on the energy performance of the building envelope is retrofitted or replaced, the energy performance of the building element meets minimum energy performance requirements in so far as that is technically, functionally and economically	2. Member States shall in addition take the necessary measures to ensure that when a building element that forms part of the building envelope and has a significant impact on the energy performance of the building envelope is retrofitted or replaced, the energy performance of the building element meets minimum energy performance requirements in so far as ~~that~~ <u>that</u> is technically, functionally and	2. Member States shall in addition take the necessary measures to ensure that when a building element that forms part of the building envelope and has a significant impact on the energy performance of the building envelope is retrofitted or replaced, the energy performance of the building element meets minimum energy performance requirements in so far as ~~that~~ <u>that</u> is technically, functionally and

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	feasible.	feasible.	economically feasible.	economically feasible.
Article 8(2a)				
Y	229a	<u>2a. Member States shall take the necessary measures to ensure that when a technical building system is retrofitted or replaced, the energy performance of the system is optimised in accordance with Article 11.</u>		<i>deleted</i> to move to article 11, together with Art 9(4a) and delete 251a
Article 8(2b)				
G	229b	<u>2b. Member States shall ensure that the life-cycle GWP of building parts and units undergoing major renovation is calculated on the basis of already available information on the materials supplied, or, if that is not technically or economically feasible, by means of reference values.</u>		<i>deleted</i>
Article 8(3)				
G	230	3. Member States shall encourage, in relation to buildings undergoing major renovation, high-efficiency	3. Member States shall encourage, in relation to buildings undergoing major renovation, high-efficiency	3. Member States shall encourage, in relation to buildings undergoing major renovation, high-efficiency

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	alternative systems, in so far as that is technically, functionally and economically feasible. Member States shall address , in relation to buildings undergoing major renovation, the issues of healthy indoor climate conditions, adaptation to climate change, fire safety, risks related to intense seismic activity , the removal of hazardous substances including asbestos and accessibility for persons with disabilities .	renovation, <u>that the deployment of high-efficiency alternative systems is encouraged</u>, in so far as ~~that~~ <u>that</u> is technically, functionally and economically feasible. Member States ~~shall~~ <u>address</u>, <u>ensure</u> in relation to buildings undergoing major renovation, ~~the issues of the~~ <u>implementation of passive heating and cooling elements</u>, healthy indoor ~~climate~~ <u>environmental quality standards</u>, ~~adaptation a high capacity to mitigate and adapt~~ to climate change <u>through inter alia green infrastructures</u>, ~~carbon removals and carbon storage~~, <u>compliance with</u> fire safety <u>standards</u>, ~~the mitigation of~~ risks related to intense seismic activity, <u>and</u> the removal of hazardous substances including asbestos. <u>Member States shall ensure, in relation to buildings undergoing major renovation, and buildings undergoing renovations comprising spaces used jointly used spaces such as entries, staircases, lifts and parking, as well as sanitary areas, the</u> ~~and~~ accessibility for persons with disabilities.	alternative systems, in so far as ~~that~~ <u>that</u> is technically, functionally and economically feasible. Member States ~~shall~~ address, in relation to buildings undergoing major renovation, the issues of healthy indoor climate conditions, ~~and~~ adaptation to climate change, fire safety, risks related to intense seismic activity, the removal of hazardous substances including asbestos and accessibility for persons with disabilities.	alternative systems, in so far as ~~that~~ <u>that</u> is technically, functionally and economically feasible. Member States ~~shall~~ address, in relation to buildings undergoing major renovation, the issues of ~~healthy~~ indoor ~~climate~~ <u>environmental quality</u>, <u>and</u> adaptation to climate change, fire safety, risks related to intense seismic activity, the removal of hazardous substances including asbestos and accessibility for persons with disabilities. mitigation of climate change addressed in Annex VII

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
Article 8(3a)				
G	230a	<u>3a. Member States shall encourage the use of digital technologies for analysis, simulation and management of buildings, including with regard to deep renovations.</u>		deleted to add to recital 41
Article 8 (3b)				
R	230b	<u>3b. Member States shall introduce measures to ensure that the use of fossil fuel-heating systems in buildings undergoing major renovation, deep renovation or renovation of the heating system is not authorised from ... [date of transposition of this Directive]. Hybrid heating systems, boilers certified to run on renewable fuels and other technical building systems not exclusively using fossil fuels that comply with the requirements set out in Article 11(1) shall not be considered to be fossil heating systems for the purposes of this paragraph.</u> <u>Member States shall ensure that renovations involving the</u>		

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>replacement of fossil fuel based technical building systems prioritise vulnerable households and people living in social housing.</u>		
Article 8(3b)				
230c		<u>3c. By 1 January 2027, Member States shall take special administrative and financial measures to encourage the deep renovation of the worst-performing buildings with multiple dwellings.</u>		covered by Art 9(4)
Article 9				
231	Article 9 Minimum energy performance standards	Article 9 Minimum energy performance standards	Article 9 Minimum energy performance standards	Article 9 Minimum energy performance standards entire article under discussion at Trilogue 7december. Text Origin: COM Proposal incl. RePowerEU
Article 9(1), first subparagraph				
232	1. Member States shall ensure that	1. Member States shall ensure that		

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>all buildings comply with minimum energy performance standards, starting with the worst-performing buildings.</u>	Corresponding CONS text starts in line 244a	
Article 9(1a), first subparagraph				
232a		<u>1a. Member States shall ensure that:</u>		To be discussed with lines 244a-244i
Article 9(1), first subparagraph, point (a)				
233	(a) buildings and building units owned by public bodies achieve at the latest	(a) buildings and building units owned by public bodies, <u>including Union institutions, offices, bodies and agencies and those rented by such bodies after... [the date of entry into force of this Directive],</u> achieve at the latest:		
Article 9(1), first subparagraph, point (a)(i)				
234	(i) after 1 January 2027, at least energy performance class F; and	(i) ~~after~~ <u>from</u> 1 January 2027, at least energy performance class ~~F~~ <u>E</u> ; and		
Article 9(1), first subparagraph, point (a)(ii)				
235	(ii) after 1 January 2030, at least	(ii) ~~after~~ <u>from</u> 1 January 2030, at		

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	energy performance class E;	least energy performance class ~~E~~ D;		
Article 9(1), first subparagraph, point (b)				
236	(b) non-residential buildings and building units, other than those owned by public bodies, achieve at the latest	(b) non-residential buildings and building units; other than those ~~owned by public bodies;~~ <u>referred to in point (a)</u> achieve at the latest;		
Article 9(1), first subparagraph, point (b)(i)				
237	(i) after 1 January 2027, at least energy performance class F; and	(i) ~~after~~ <u>from</u> 1 January 2027, at least energy performance class ~~F~~ E; and		
Article 9(1), first subparagraph, point (b)(ii)				
238	(ii) after 1 January 2030, at least energy performance class E;	(ii) ~~after~~ <u>from</u> 1 January 2030, at least energy performance class ~~E~~ D;		
Article 9(1), first subparagraph, point (c)				
239	(c) residential buildings and building units achieve at the latest	(c) residential buildings and building units achieve at the latest;		
Article 9(1), first subparagraph, point (c)(i)				
240	(i) after 1 January 2030, at least	(i) ~~after~~ <u>from</u> 1 January 2030, at		

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	energy performance class F; and	least energy performance class ~~F~~ E; and		
Article 9(1), first subparagraph, point (c)(ii)				
241	(ii) after 1 January 2033, at least energy performance class E;	(ii) ~~after~~ from 1 January 2033, at least energy performance class ~~E~~ D;		
Article 9(1), second subparagraph				
242	In their roadmap referred to in Article 3(1)(b), Member States shall establish specific timelines for the buildings referred to in this paragraph to achieve higher energy performance classes by 2040 and 2050, in line with the pathway for transforming the national building stock into zero-emission buildings.	In their roadmap referred to in Article 3(1)(b), Member States shall establish ~~specific~~ ~~timelines~~ <u>linear trajectory</u> for the ~~buildings referred to in this paragraph to achieve higher energy performance classes~~ <u>progressive achievement of higher energy performance classes for buildings referred to in this paragraph</u> by 2040 and 2050, in line with the pathway for transforming the national building stock into zero-emission buildings <u>and achieving the climate neutrality target</u> .		
Article 9(1a)				
242a		<u>Ib. Member States may exempt</u>		

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>publicly owned social housing from the obligation referred to in paragraph 1a, point (a), where such renovations are not cost neutral or would lead to rent increases for people living in social housing beyond the economic savings on the energy bill.</u>		<i>deleted</i>
Article 9(1b)				
242b		<u>1c. The Commission may decide, upon a reasoned request by a Member State included in the national building renovation plan or a subsequent amendment thereto, to allow that a Member State adjust minimum energy performance standards for residential buildings and building units referred to in paragraph 1a, point (c) for specific parts or particular sub-segments of their building stock, for reasons of economic and technical feasibility and the availability of skilled workforce. Member States that intend to adjust their minimum energy performance standards shall notify the Commission of their projected measures and</u>		<i>deleted</i>

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>linear energy performance improvements, and report on the progress in achieving equivalent performance improvements in residential buildings as part of the reporting on the integrated national energy and climate progress reports referred to in Article 3(8). Member States shall not disproportionately exempt rental dwellings compared to other building segments when applying any adjustments of the minimum energy performance standards.</u>		
Article 9(1c)				
242c		<u>1d. The adjustment of minimum energy performance standards referred to in paragraphs 1b and 1c shall apply to a maximum of 22% of the total residential buildings referred to in paragraph 1a, point (c) and shall not apply after 1 January 2037.</u>		deleted
Article 9(1d), first subparagraph				
243	2. In addition to the minimum energy performance standards	2. In addition to the minimum energy performance standards		

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	established pursuant to paragraph 1, each Member State may establish minimum energy performance standards for the renovation of all other existing buildings.	established pursuant to paragraph 1, each Member State ~~may~~ <u>shall</u> establish minimum energy performance standards for the renovation of all other existing buildings.		
Article 9(1d), second subparagraph				
244	Where established, the minimum energy performance standards shall be designed with a view to the national roadmap and the 2030, 2040 and 2050 targets contained in the Member State's building renovation plan and to the transformation of the national building stock into zero-emission buildings by 2050.	~~Where established,~~ The minimum energy performance standards shall be designed with a view to the national roadmap and the ~~2030,~~ 2040 and 2050 targets contained in the Member State's building renovation plan and to the transformation of the national building stock into zero-emission buildings by 2050.		
Article 9(1e), first subparagraph				
244a			1. Member States shall establish minimum energy performance standards which ensure that non-residential buildings do not exceed the specified maximum energy performance threshold, as referred to in subparagraph 3, expressed by a numeric indicator of primary energy use	discussions on non-residential buildings pending.

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
			in kWh/(m2.y), by the dates specified in subparagraph 6.	
Article 9(1f)				
244b			The maximum energy performance thresholds shall be established on the basis of the non-residential building stock on 1 January 2020, based on available information and, where appropriate, on statistical sampling.	
Article 9(1g)				
244c			A “15% threshold” shall be set so that 15% of the national building stock is above that threshold, and a “25% threshold” shall be set so that 25% of the national building stock is above that threshold. The maximum energy performance thresholds may be differentiated between different building types and categories.	
Article 9(1h)				
244d				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
			Compliance by individual buildings with the thresholds shall be checked on the basis of energy performance certificates or, where appropriate, other available means. Member States may set the thresholds at a level corresponding to a specific energy performance class provided that they comply with the level of the thresholds in subparagraph 3.	
Article 9(1e), second subparagraph				
244e			Member States may set criteria to exempt individual buildings, in light of the expected future use of the building or in the case of an unfavourable cost-benefit assessment, from requirements in this paragraph.	
Article 9(1i)				
244f			The minimum energy performance standards shall at least ensure that all non-residential buildings are below: GA wrongly lists a subpoint (a),	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
			whereas no subpoint (b), therefore merged	
Article 9(1j)				
244g			(a) the 15% threshold as of 1 January 2030; and in GA, items (i) and (ii), numbered wrongly	
Article 9(1k), first subparagraph				
244h			(b) the 25% threshold as of 1 January 2034.	
Article 9(1k), second subparagraph				
244i			In their roadmap referred to in Article 3(1)(b), Member States shall establish specific timelines for the buildings referred to in this paragraph to comply with lower maximum energy performance thresholds by 2040 and 2050, in line with the pathway for transforming the national building stock into zero-emission buildings.	reference to share of worst performing buildings has to stay (in case of renumbering of subparas) (sub 3)

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
Article 9(1l), first subparagraph				
244j			2. Member States shall establish minimum energy performance standards for residential buildings which shall be based on a national trajectory for the progressive renovation of the building stock in line with the national roadmap and the 2030, 2040 and 2050 targets contained in the Member State's building renovation plan and with the transformation of the national building stock into zero-emission buildings by 2050.	2.
Article 9(1l), second subparagraph				
244k			The trajectory shall be expressed as a decrease of the average primary energy use in kWh/(m2.y) of the whole residential building stock over the period from 2025 to 2050, and shall identify the number of buildings and building units or floor area to be renovated annually. When establishing the national trajectories, Member States shall ensure that the average primary energy use in	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
			kWh/(m ² .y) of the whole residential building stock is at least equivalent to:	
Article 9(1l), third subparagraph				
244l			(a) the D energy performance class level by 2033;	
Article 9(1m), first subparagraph				
244m			(b) by 2040, a nationally determined value derived from a gradual decrease of the average primary energy use from 2033 to 2050 in line with the transformation of the residential building stock into a zero-emission building stock.	
Article 9(1m), second subparagraph				
244n			The energy performance corresponding to the class level referred to in subparagraph 2 point (a) shall correspond at least to the national class levels at the time of entry into force of this Directive.	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
Article 9(1n)				
244o			As part of the assessment of national building renovation plans, the Commission shall monitor the achievement of the values referred to in 2033 and 2040, as referred to subparagraph 2, and make recommendations where necessary.	a.
Article 9(1o)				
244p			The trajectory shall refer to data on the national residential building stock, based, as appropriate, on statistical sampling and energy performance certificates. The trajectory and the corresponding level of average primary energy use may be differentiated between building types and categories, for example between single- family houses and multi-apartment buildings.	b.
Article 9(1p)				
244q			Member States shall remove	c.

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
			regulatory barriers preventing the renovation of common elements and the replacement of technical building systems in multi-apartment buildings aimed at compliance with minimum energy performance standards, including approval procedures, addressing in particular unanimity requirements in co-ownership structures, without prejudice to the property and tenancy law of the Member States.	
Article 9(1q)				
244r			2a Member States may choose not to apply paragraph 2 to single family houses. In this case Member States shall ensure that at least those single family houses that are sold, rented, donated or whose purpose is changed within the cadastre or land registry towards residential buildings after 1 January [2028], achieve at least energy performance class [D] or higher within [five] years of the above mentioned triggers where necessary through renovation by the acquirers or	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
			owners.	
Article 9(1r)				
244s				
Article 9(1s)				
244t				
Article 9(1t)				
244u				
Article 9(1u)				
244v				
Article 9(1v)				
244w			3. In addition to primary energy use referred to in paragraphs 1 and 2, Member States may define additional indicators of non-renewable and renewable primary energy use, and of operational greenhouse gas emissions produced in	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
			kgCO₂eq/(m².y). In order to ensure reduction of operational greenhouse gas emissions, the minimum energy performance standards shall take into account the [Article 15a (1) Renewable Energy Directive COM (2021) 557 final] ¹. 1. Proposal for a Directive of the European Parliament and of the Council amending Directive (EU) 2018/2001 of the European Parliament and of the Council, Regulation (EU) 2018/1999 of the European Parliament and of the Council and Directive 98/70/EC of the European Parliament and of the Council as regards the promotion of energy from renewable sources, and repealing Council Directive (EU) 2015/652.	
Article 9(3)				
245	3. In accordance with Article 15, Member States shall support compliance with minimum energy performance standards by all the following measures:	3. In accordance with Article 15, Member States shall support compliance with minimum energy performance standards by all the following measures:	34. In accordance with Article 15, Member States shall support compliance with minimum energy performance standards by all the following measures:	
Article 9(3), point (a)				
246	(a) providing appropriate financial measures, in particular those	(a) providing appropriate financial measures, <u>including grants</u> , in	(a) providing appropriate financial measures, in particular those	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	targeting vulnerable households, people affected by energy poverty or living in social housing, in line with Article 22 of Directive (EU) .../.... [recast EED];	particular those targeting vulnerable households, ~~people affected by energy poverty or~~ <u>middle-income households and people</u> living in social housing, in ~~line with~~ <u>line with</u> Article 22 of Directive (EU) .../.... [recast EED];	targeting vulnerable households, people affected by energy poverty or living in social housing, in line with Article 22 of Directive (EU) .../.... [recast EED];	
Article 9(3), point (b)				
247	(b) providing technical assistance, including through one-stop-shops;	(b) providing technical assistance, including <u>information services, administrative support and integrated renovation services</u> through one-stop-shops <u>with a particular focus on vulnerable households and people living in social housing, in accordance with Article 22 of Directive (EU) .../.... [recast EED]</u> ;	(b) providing technical assistance, including through one-stop-shops;	
Article 9(3), point (c)				
248	(c) designing integrated financing schemes;	(c) designing integrated <u>public and private</u> financing schemes, <u>which provide incentives for deep and staged deep renovations, pursuant to Article 15</u> ;	(c) designing integrated financing schemes;	
Article 9(3), point (d)				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
249	(d) removing non-economic barriers, including split incentives; and	(d) removing non-economic barriers, including split incentives; ~~and~~	(d) removing non-economic barriers, including split incentives; and	
Article 9(3), point (e)				
250	(e) monitoring social impacts, in particular on the most vulnerable.	(e) monitoring social impacts, in particular on the most vulnerable- <u>households;</u>	(e) monitoring social impacts, in particular on the most vulnerable.	
Article 9(3), point (ea)				
250a		<u>(ea) setting the framework to ensure that there is a sufficient and qualified workforce to enable the timely implementation of the minimum energy performance standards in accordance with the national building renovation plans, including by means of a strategy to facilitate the professional education of young people and requalification of workers and creation of more attractive employment opportunities.</u>		
Article 9(4)				
251				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	4. Where a building is renovated in order to comply with a minimum energy performance standard, Member States shall ensure compliance with the minimum energy performance requirements for building elements pursuant to Article 5 and, in case of major renovation, with the minimum energy performance requirements for existing buildings pursuant to Article 8.	4. Where a building is renovated in order to comply with a minimum energy performance standard, Member States shall ensure compliance with the minimum energy performance requirements for building elements pursuant to Article 5 and, in <i>the</i> case of major renovation, with the minimum energy performance requirements for existing buildings pursuant to Article 8.	45. Where a building is renovated in order to comply with a minimum energy performance standard, Member States shall ensure compliance with the minimum energy performance requirements for building elements pursuant to Article 5 and, in case of major renovation, with the minimum energy performance requirements for existing buildings pursuant to Article 8.	
Article 9(4a)				
251a		<u>4a. Member States shall promote energy storage for renewable energy to enable renewable energy self-consumption and reduce volatility as well as promote and provide incentives for the cost-effective and early replacement of heaters, and any needed resulting optimisation of the related technical building systems.</u>		deleted see line 229a
Article 9, 6.				
252	5. Member States may decide not to apply the minimum energy performance standards referred to	5. Member States may decide not to apply the minimum energy performance standards referred to	56. Member States may decide not to apply the minimum energy performance standards referred to	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	in paragraphs 1 and 2 to the following categories of buildings:	in paragraphs 1 and 2 to the following categories of buildings:	in paragraphs 1 and 2 to the following categories of buildings:	
Article 9, 6., point (a)				
253	(a) buildings officially protected as part of a designated environment or because of their special architectural or historical merit, in so far as compliance with the standards would unacceptably alter their character or appearance;	(a) buildings officially protected as part of a designated environment or because of their special architectural or historical merit, <u>or other heritage buildings</u> , in so far as compliance with the standards would unacceptably alter their character or appearance, <u>or if their renovation is not technically or economically feasible</u> ;	(a) buildings officially protected as part of a designated environment or because of their special architectural or historical merit, in so far as compliance with the standards would unacceptably alter their character or appearance;	
Article 9, 6., point (b)				
254	(b) buildings used as places of worship and for religious activities;	(b) buildings used as places of worship and for religious activities;	(b) buildings used as places of worship and for religious activities;	Text Origin: COM Proposal incl. RePowerEU
Article 9, 6., point (c)				
255	(c) temporary buildings with a time of use of two years or less, industrial sites, workshops and non-residential agricultural buildings with low energy demand and non-residential agricultural	(c) temporary buildings with a time of use of two years or less, industrial sites, workshops, <u>depots</u> and non-residential ~~agricultural~~ <u>infrastructural supply stations, such as transformer</u>	(c) temporary buildings with a time of use of two years or less, industrial sites, workshops and non-residential agricultural buildings with low energy demand and non-residential agricultural	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	buildings which are used by a sector covered by a national sectoral agreement on energy performance;	<u>stations, substations, pressure control plants, railway constructions, as well as service</u> buildings with <u>very</u> low energy <u>and</u> <u>heating or cooling</u> demand and non-residential agricultural buildings which are used by a sector covered by a national sectoral agreement on energy performance;	buildings which are used by a sector covered by a national sectoral agreement on energy performance;	
Article 9, 6., point (d)				
256	(d) residential buildings which are used or intended to be used for either less than four months of the year or, alternatively, for a limited annual time of use and with an expected energy consumption of less than 25 % of what would be the result of all-year use;	(d) residential buildings which are used or intended to be used for either less than four months of the year or, alternatively, for a limited annual time of use and with an expected energy consumption of less than 25 % of what would be the result of all-year use;	(d) residential buildings which are used or intended to be used for either less than four months of the year or, alternatively, for a limited annual time of use and with an expected energy consumption of less than 25 % of what would be the result of all-year use;	Text Origin: COM Proposal incl. RePowerEU
Article 9, 6., point (e)				
257	(e) stand-alone buildings with a total useful floor area of less than 50 m2.	(e) stand-alone buildings with a total useful floor area of less than 50 m2.	(e) stand-alone buildings with a total useful floor area of less than 50 m2-;	Text Origin: COM Proposal incl. RePowerEU
Article 9(5a)				
257a				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
			(f) buildings owned by the armed forces or central government and serving national defence purposes, apart from single living quarters or office buildings for the armed forces and other staff employed by national defence authorities.	
Article 9(6)				
258	6. Member States shall take the measures necessary to ensure the implementation of minimum energy performance standards referred to in paragraphs 1 and 2, including appropriate monitoring mechanisms and penalties in accordance with Article 31.	6. Member States shall take the measures necessary to ensure the implementation of minimum energy performance standards referred to in paragraphs 1 and 2, including appropriate monitoring mechanisms. <u>Member States shall provide appropriate financial support frameworks and social safeguards and penalties</u> in accordance with Article ~~31~~ <u>15 to comply with minimum energy performance standards.</u>	67. Member States shall take the measures necessary to ensure the implementation of minimum energy performance standards referred to in paragraphs 1 and 2, including appropriate monitoring mechanisms and penalties in accordance with Article 31.	
Article 9(6), second subparagraph				
258a		<u>The measures of the financial support framework shall be sufficient, effective, transparent and non-discriminatory, shall</u>		

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>support the execution of the substantial improvements in the energy performance of buildings where an improvement is not otherwise economically feasible and shall include targeted measures to support vulnerable households. The measures may include the establishment of an energy performance renovation fund, to act as a leverage for increasing private and public investments for projects improving energy performance of buildings, including energy efficiency and renewable energy in buildings or building components.</u>		
Article 9(6a)				
258b		<u>Where appropriate, the Commission shall, as part of the Multiannual Financial Framework for 2028-2034, put forward legislative proposals to strengthen existing and propose additional Union financial instruments to support the implementation of this Directive.</u>		
Article 9(6b)				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
258c		<u>6a. By 31 December 2027, and every two years thereafter, the Commission shall submit a report to the European Parliament and to the Council on the progress towards the improvement of energy efficiency and energy performance of buildings. The report shall in particular monitor and evaluate the effectiveness of existing financial measures and present additional tools to facilitate a just transition, including adequate financial means, at Union, Member State or local level to ensure a just transition and to mitigate any negative socioeconomic impacts, in particular in the regions and the communities most affected.</u>		:
Article 9(6c)				
258d	Article 9a Solar Energy in buildings	Article 9a Solar Energy in buildings	Article 9a Solar Energy in buildings	~~Article 9a~~ <u>Article 9a</u> Solar Energy in buildings Text Origin: COM Proposal incl. RePowerEU
Article 9(6d)				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
258e	1. Member States shall ensure that all new buildings are designed to optimise their solar energy generation potential on the basis of the solar irradiance of the site, enabling the later cost-effective installation of solar technologies.	1. <u>By... [24 months after the date of entry into force of this Directive],</u> Member States shall ensure that all new buildings are designed to optimise their solar energy generation potential on the basis of the solar irradiance of the site, enabling the ~~later~~ <u>subsequent</u> cost-effective installation of solar technologies.	1. Member States shall ensure that all new buildings are designed to optimise their solar energy generation potential on the basis of the solar irradiance of the site, enabling the later cost-effective installation of solar technologies.	1. Member States shall ensure that all new buildings are designed to optimise their solar energy generation potential on the basis of the solar irradiance of the site, enabling the ~~later~~ <u>subsequent</u> cost-effective installation of solar technologies.
Article 9(6e)				
258f		<u>2. Member States shall encourage, through information measures and streamlined permitting schemes, the deployment of suitable solar energy installations in all buildings undergoing major renovation or deep renovation in combination with the renovation of the building envelope, with the replacement of technical building systems and with the installation of equipment with electricity storage, EV-charging infrastructure, heat pump technology, and building automation and control systems.</u>		<u>2. For the installation of solar energy equipment, the permit-granting process pursuant to Article 16c, and notification procedure pursuant to Article 17 of Directive (EU) 2018/2001 [RED as amended] apply.</u> COM drafting suggestion + corresponding recital 28b new,. (Updated on 17.08.2023)

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	Article 9(6f)			
G	258g	2. Member States shall ensure the deployment of suitable solar energy installations: ~~23.~~ Member States shall ensure the deployment of suitable solar energy installations, <u>if technically suitable and economically and functionally feasible, as follows:</u>	2. Member States shall ensure the deployment of suitable solar energy installations: ~~23.~~ Member States shall ensure the deployment of suitable solar energy installations, <u>if technically suitable and economically and functionally feasible, as follows:</u>	~~23.~~ Member States shall ensure the deployment of suitable solar energy installations, <u>if technically suitable and economically and functionally feasible, as follows:</u> Text Origin: EP Mandate
	Article 9a(2), point (a)			
R	258h	(a) by 31 December 2026, on all new public and commercial buildings with useful floor area larger than 250 square meters; (a) by... <u>[24 months after the date of entry into force of this Directive], on all new public and new non-residential buildings</u> ~~31 December 2026, on all new public and commercial buildings with useful floor area larger than 250 square meters;~~	(a) by 31 December 2026, on all new public and ~~commercial~~ non-residential buildings with useful floor area ~~larger than 250 square meters~~ over 250 m2;	
	Article 9a(2), point (b)			
R	258i	(b) by 31 December ~~2027~~ <u>2026</u> , on all existing public and ~~commercial~~ non-residential buildings ~~with useful floor area larger than 250 square meters;~~ <u>and</u>	(b) by 31 December 2027, on all existing public and ~~commercial~~ non-residential buildings undergoing a major or a deep renovation with useful floor area ~~larger than 250 square meters~~ over 400 m2; and	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	Article 9(6f), point (a)			
R	258j	(c) by 31 December 2029, on all new residential buildings.	(c) by 31 December ~~2029~~ <u>2028</u> , on all new residential buildings- <u>and roofed carparks;</u>	(c) by 31 December 2029, on all new residential buildings.
	Article 9(6f), point (b)			
R	258k		<u>(d) by 31 December 2032, on all buildings undergoing major renovation.</u>	
	Article 9(6g)			
G	258l	3. Member States shall define, and make publicly available, criteria at national level for the practical implementation of these obligations, and for possible exemptions for specific types of buildings, in accordance with the assessed technical and economic potential of the solar energy installations and the characteristics of the buildings covered by this obligation.	~~34.~~ Member States shall ~~define,~~ <u>establish</u> and make publicly available; criteria at national level for the practical implementation of ~~these obligations;~~ <u>the deadlines set out in paragraph 3</u> and for possible exemptions for specific types of buildings, in accordance with the assessed technical and economic potential of the solar energy installations and the characteristics of the buildings covered by ~~this obligation~~ <u>those obligations</u> .	~~34.~~ Member States shall define, and make publicly available, criteria at national level for the practical implementation of these obligations, and for possible exemptions for specific types of buildings, including those mentioned in Article 9, paragraph 6, taking into account also the principle of technological neutrality, and in accordance with the assessed technical and economic potential of the solar energy installations and the characteristics of the buildings covered by this obligation provision. When

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
			defining such criteria Member States shall also take into account other relevant factors, such as structural integrity, biodiversity, stability of the electricity network.	<u>In order to achieve the objectives of this Article and to take into account the issues linked to the stability of the electricity network, Member States shall include relevant stakeholders in the establishment of the above criteria.</u> <u>Member States shall also take into account structural integrity, green roofs and attic and roof insulation, where appropriate.</u>
Article 9(6h)				
258m		<u>5. The deployment of suitable solar energy installations on all new residential buildings and roofed car parks and on all buildings undergoing major renovation as set out in paragraph 3, points (c) and (d) shall be combined with attic and roof insulation where appropriate, taking into account the functioning of the building. The deployment of suitable solar energy installations as set out in paragraph 3 shall be combined with the permit-granting process for the installation of solar energy</u>		deleted related to 258f

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>equipment in artificial structures laid down in Article 16c of Directive (EU) 2018/2001 (amended RED as proposed by COM(2022)0222). For solar installations below 50 kW, Member States shall allow a simple-notification procedure as provided for in Article 17 of Directive (EU) 2018/2001.</u>		
Article 9(6i)				
258n		<u>6. Member States shall establish a pathway with numerical targets for their national contribution to the deployment of solar energy and heat pumps in buildings in their national building renovation plans.</u>		deleted to be moved/discussed in Article 3
Article 9(6j)				
258o		<u>7. Member States shall ensure that their regulatory frameworks provide the necessary administrative, technical and financial capacities and incentives for the deployment of solar energy in buildings, including in combination with technical</u>		<u>7. Member States shall put in place a framework providing the necessary administrative, technical and financial measures to support the deployment of solar energy in buildings, including in combination with technical building systems or efficient</u>

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>building systems such as domestic batteries, heat pumps for self consumption, or large-scale heat pumps distributing heat through district heating systems. Member States shall ensure an equal regulatory playing field for all solar and heating technologies.</u>		<u>district heating systems.</u> Compromise following 6 June trilogue
Article 9(6k)				
258p		<u>8. Member States shall ensure that representatives of national regulatory authorities, distribution system operators, renewable energy communities, consumer organisations, storage providers and other stakeholders assess the need for additional measures with regard to the distribution system to achieve the objectives of this Article. That assessment shall include the required connection and procurement of flexible distributed energy generation in line with the provisions of Regulation (EU) 2019/943 of the European Parliament and of the Council¹ and Directive (EU) 2019/944 of the European Parliament and of the Council², in particular considering a necessary</u>		deleted Compromise following 6 June trilogue

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>levelplaying field and fair remuneration for active customers and energy communities.</u> <u>1. Regulation (EU) 2019/943 of the European Parliament and of the Council of 5 June 2019 on the internal market for electricity (OJ L 158, 14.6.2019, p. 54).</u> <u>2. Directive (EU) 2019/944 of the European Parliament and of the Council of 5 June 2019 on common rules for the internal market for electricity and amending Directive 2012/27/EU (OJ L 158, 14.6.2019, p. 125).</u>		
	Article 9(6l)			
258q		<u>9. Member States shall encourage measures to ensure the fire safety of solar energy installations in buildings, including in combination with technical building systems such as domestic batteries or heat pumps for self-consumption.</u>		deleted covered by line 38e
	Article 9(6m)			
258r			Article 9b Zero emission buildings Article 9b (Zero-emission building) reintroduces and amends the former	<u>Article 9b</u> <u>Zero emission buildings</u> Text Origin: Council Mandate

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
			Article 9 (Nearly zero-energy buildings), that the Commission had marked as deleted in its proposal of the recast of this Directive. Parts of this Article, were previously contained in Annex III. Article 9b is re-inserted in this part of the text, while previously, in the Commission's proposal in was to be found, marked as deleted Article 9, after Article 14.	
Article 9(6n)				
258s			2. Member States shall ensure that a zero-emission building does not cause any on-site carbon emissions from fossil fuels.	<u>1. A zero-emission building shall not cause any on-site carbon emissions from fossil fuels.</u> <u>A zero-emission building shall offer the capacity to react to external signals and adapt its energy use, generation or storage, where economically and technically feasible .</u> + COM recital (between 20 and 21) Trilogue 12 October Tech. follow-up to 12 Oct Trilogue
Article 9(6o)				
258t				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
			1. Member States shall take the necessary measures to ensure that the energy use of a new or renovated zero-emission building complies with a maximum threshold established at the Member State level in their building renovation plans. This maximum threshold shall be set with a view to achieving at least cost optimal levels.	<u>2. Member States shall take the necessary measures to ensure that the energy demand of a zero-emission building complies with a maximum threshold.</u> <u>Member States shall set this maximum threshold with a view to achieving at least the cost-optimal levels established in the most recent national cost-optimal report pursuant to Article 6. Member States shall revise the maximum threshold every time that the cost-optimal levels are revised.</u> <u>3.</u> <u>3. The maximum threshold shall be at least ten percent lower than the threshold for total primary energy use established at Member State level for nearly zero-energy buildings on [date of entry into force].</u> <u>4. Member States may decide to adjust the thresholds as referred to in subparagraph 2 for renovated buildings, while complying with the respective provisions on cost optimality, and, where thresholds for renovated</u>

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				<u>nearly zero-energy buildings have been established, the requirements of subparagraph 3.</u> Trilogue 12 October
Article 9(6p)				
258u			Member States shall take the necessary measures to ensure that the operational greenhouse gas emissions of a new or renovated zero-emission building comply with a maximum threshold established at the Member State level in their building renovation plans.	<u>Member States shall take the necessary measures to ensure that the operational greenhouse gas emissions of zero-emission building comply with a maximum threshold established at the Member State level in their building renovation plans. This maximum threshold may be set at different levels for new and renovated buildings.</u> <u>Member States shall notify the Commission about their maximum thresholds, including a description of the calculation methodology per building type and applied climate, in accordance with Annex I. The Commission shall review the maximum thresholds and recommend their adaptation where appropriate.</u> Trilogue 12 October

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	Article 9(6q)			
G	258v		In order to ensure technical and economic feasibility, Member States may decide to adjust both thresholds as referred to in this subparagraph for renovated buildings.	deleted Trilogue 12 October
	Article 9(6r)			
G	258w		Member States shall ensure that the total annual primary energy use of a new or renovated zero-emission building is covered, where technically and economically feasible, by:	<u>Member States shall ensure that the total annual primary energy use of a new or renovated zero-emission building is covered by:</u> Trilogue 12 October
	Article 9(6r), point (a)			
G	258x		(a) energy from renewable sources generated onsite or nearby, fulfilling the criteria of Article 7 of Directive (EU) 2018/2001 [amended RED];	<u>(a) energy from renewable sources generated onsite or nearby, fulfilling the criteria of Article 7 of Directive (EU) 2018/2001 [amended RED];</u> Trilogue 12 October
	Article 9(6r), point (b)			

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
258y			(b) energy from renewable sources provided from a renewable energy community within the meaning of Article 22 of Directive (EU) 2018/2001 [amended RED]; or	<u>(b) energy from renewable sources provided from a renewable energy community within the meaning of Article 22 of Directive (EU) 2018/2001 [amended RED]; or</u> Trilogue 12 October
Article 9(6r), point (c)				
258z			(c) energy from an efficient district heating and cooling system in accordance with Article 24(1) of Directive (EU) .../... [recast EED];	<u>(c) energy from an efficient district heating and cooling system in accordance with Article 24(1) of Directive (EU) .../... [recast EED];</u> Trilogue 12 October
Article 9(6r), point (d)				
258aa			(d) energy from carbon free sources.	<u>(d) energy from carbon free sources.</u> Trilogue 12 October
Article 9(6r), point (e)				
258ab				<u>. Where it is technically and</u>

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				<u>economically not feasible to fulfil the requirements under the first paragraph, the total annual primary energy use may also be covered by other energy from the grid complying with criteria established at national level.</u> Trilogue 12 October
Article 10				
259	Article 10 Renovation passport	Article 10 Renovation passport	Article 10 Renovation passport	Article 10 Renovation passport replaced by a brand new Article 10 + annex XX instead of DA - lines 663a-663an
Article 10(1)				
260	1. By 31 December 2023, the Commission shall adopt delegated acts in accordance with Article 29 supplementing this Directive by establishing a common European framework for renovation passports, based on the criteria set out in paragraph 2.	1. By 31 December 2023, the Commission shall adopt delegated acts in accordance with Article 29 supplementing this Directive by establishing a common European framework for renovation passports, based on the criteria set out in paragraph <u>23 of this Article</u> .	1. By 31 December 2023, the Commission shall adopt delegated acts in accordance with Article 29 supplementing this Directive by establishing a common European framework for renovation passports, based on the criteria set out in paragraph 23.	1. By ~~31-December-2023, the Commission~~ <u>[date of transposition]</u> , <u>Member States</u> shall ~~adopt delegated acts in accordance with Article 29 supplementing this Directive by establishing a common European framework for~~ <u>introduce a scheme of</u> renovation passports; based on the ~~criteria~~ <u>common framework</u> set

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				out in ~~paragraph 2~~ Annex [X] . Trilogue 12 October
Article 10(1a)(2)				
261	2. By 31 December 2024, Member States shall introduce a scheme of renovation passports based on the common framework established in accordance with paragraph 1.	2. By 31 December 2024, Member States shall introduce a scheme of renovation passports ~~based on~~ implementing the common framework established in accordance with paragraph 1.	2. By 31 December 2024 2025 , Member States shall introduce a scheme of renovation passports, for voluntary use by building owners , based on the common framework established in accordance with paragraph 1.	2. ~~By 31 December 2024, Member States shall introduce a scheme of renovation passports based on the common framework established in accordance with paragraph 1~~ That scheme shall be of voluntary use by owners of buildings and building units, unless the Member State decides to make it mandatory. Trilogue 12 October
Article 10(1a), (2) a				
261a			Member States may decide to allow for the integration of the renovation passport into the energy performance certificate for selected purposes, including in relation to major renovation or to receiving financial support.	<i>deleted</i> Trilogue 12 October
Article 10(1a), (2) b				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
261b		<u>2a. Member States shall ensure that renovation passports are financially supported as part of national building renovation plans in order to not create a barrier, in particular for homeowners who own only the dwelling in which they live.</u> <u>Member States shall ensure that building renovation passports are made available with due financial support for vulnerable households wishing to renovate their buildings in whole or in part.</u>		<u>Member States shall take measures to ensure that building renovation passports are affordable and shall consider providing financial support to vulnerable households wishing to renovate their buildings.</u> Trilogue 12 October
Article 10(3)				
262	3. The renovation passport shall comply with the following requirements:	3. The renovation passport shall comply with <u>all of</u> the following requirements:	3. The renovation passport shall comply with the following requirements:	3. <u>Member States may decide to allow for</u> the renovation passport ~~shall comply to be drawn up and issued jointly~~ with the ~~following requirements:~~ <u>energy performance certificate.</u> Trilogue 12 October
Article 10(3), 4.				
263	(a) it shall be issued by a qualified and certified expert, following an	(a) it shall be issued <u>in a digital form suitable for printing</u> by a	(a) it shall be issued by a qualified and certified expert,	~~(a) 4. #~~<u>The renovation passport shall be issued in a digital format</u>

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	on-site visit;	qualified and certified expert, following an on-site visit;	following ~~based on~~ an on-site visit of the building, which may be carried out by virtual means, where appropriate;	<u>suitable for printing</u> by a qualified and certified expert, following an on-site visit; Trilogue 12 October
Article 10(3), 5.				
264	(b) it shall comprise a renovation roadmap indicating a sequence of renovation steps building upon each other, with the objective to transform the building into a zero- emission building by 2050 at the latest;	(b) it shall comprise a <u>holistic</u> renovation roadmap indicating a ~~sequence of~~ <u>maximum number</u> renovation steps building upon each other; <u>in line with the energy</u> <u>efficiency first principle to achieve</u> <u>a deep renovation in line</u> with the objective to transform the building into a zero-emission building by 2050 at the latest, <u>outlining how to</u> <u>achieve minimum energy</u> <u>performance standards, and</u> <u>measures to reduce whole life-</u> <u>cycle greenhouse gas emissions in</u> <u>the renovation process;</u>	(b) it shall comprise a renovation roadmap indicating a sequence of renovation steps building upon each other, with the objective to transform the building into a zero- emission building by 2050 at the latest;	~~(b) 5. it shall comprise a renovation roadmap indicating a sequence of renovation steps building upon each other, with the objective~~ <u>When the renovation passport is issued, a discussion with the building owner shall be suggested to allow the expert to explain to the building owner the best steps</u> to transform the building into a zero-emission building ~~by~~ ~~2050 at the latest;~~ <u>well before 2050.</u> Trilogue 12 October
Article 10(3), 6.				
265	(c) it shall indicate the expected benefits in terms of energy savings, savings on energy bills and operational greenhouse emission reductions as well as wider benefits	(c) it shall indicate the expected benefits in terms of energy savings, savings on energy bills and ~~operational~~ <u>whole life-cycle</u> greenhouse ~~emission~~ <u>gas emissions</u>	(c) it shall indicate the expected benefits in terms of energy savings, savings on energy bills and operational greenhouse emission reductions as well as wider benefits	~~(c) 6. #Member States~~ shall ~~indicate the expected benefits in terms of energy savings, savings on energy bills and operational greenhouse emission reductions as~~

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	related to health and comfort and the improved adaptive capacity of the building to climate change; and	reductions, <u>with an indication the renovation steps that are to lead to the relevant improvements</u> ~~as well as wider benefits related to health and comfort and the improved adaptive capacity of the building to climate change; and~~	related to health and comfort and the improved adaptive capacity of the building to climate change; and	~~well as wider benefits related to health and comfort and the improved adaptive capacity~~ <u>of strive to provide a dedicated digital tool for preparing and potentially updating the renovation passport. Member States may decide to develop a complementary tool allowing building owners and building managers to simulate a draft simplified renovation passport for the building and for them to update it once a renovation takes place or a building element is replaced.</u> ~~to climate change; and~~ Trilogue 12 October
Article 10(3), point (6a)				
265a		<u>(ca) it shall contain information about a potential connection to an efficient district heating network, the share of individual or collective generation and self-consumption of renewable energy;</u>		<u>7. [Member States shall ensure that the renovation passport is uploaded to the national database for the energy performance of buildings in accordance with Article 19.]</u> linked to the building logbook Trilogue 12 October

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
Article 10(3), point (6b)				
265b		<u>(cb) it shall contain information on a range of estimated costs for each recommended renovation step, as well as the estimated costs of a one-step deep renovation as a reference scenario;</u>		<u>8. Member States shall ensure that the building renovation passport is stored in, or can be accessed via, the digital building logbook, when established.</u> Trilogue 12 October
Article 10(3), point (6c)				
265c		<u>(cc) it shall comprise the bill of materials, information on construction products circularity as well as wider benefits related to health, comfort, indoor environmental quality, safety such as fire, electrical, and seismic safety, and the improved adaptive capacity of the building to climate change;</u>		deleted Trilogue 12 October
Article 10(3), point (d)				
266	(d) it shall contain information about potential financial and technical support.	(d) it shall contain information about potential financial and technical support- <u>and updated contact details of the nearest one-stop-shop established pursuant to Article 15a;</u>	(d) it shall contain information about potential financial and technical support.	deleted Trilogue 12 October

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	Article 10(3), point (da)			
G	266a	<u>(da) it shall contain information on any major renovations made to the building, as referred to in Article 8(1), and any retrofitting or replacement of a building element that forms part of the building envelope and has a significant impact on the energy performance of the building envelope, as referred to in Article 8(2).</u>		deleted Trilogue 12 October
	Article 10(3), point (db)			
G	266b	<u>The renovation passport may contain additional information, taking into consideration the composition of the household and any planned renovations, including those not relating to energy, in accordance with national law and practice.</u>		deleted Trilogue 12 October
	Article 10(3), point (dc)			
G	266c	<u>3a. Member States shall facilitate the integration of renovation</u>		deleted

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>passports in the digital building logbook, gathering technical and legal information with essential data for property owners to plan and execute deep and staged deep renovations.</u>		Trilogue 12 October
Article 11				
267	Article 11 Technical building systems	Article 11 Technical building systems	Article 11 Technical building systems	Article 11 Technical building systems add line 229a somewhere: Member States shall take the necessary measures to ensure that when a technical building system is retrofitted or replaced, the energy performance of the system is optimised Text Origin: COM Proposal incl. RePowerEU
Article 11(1), first subparagraph				
268	1. Member States shall, for the purpose of optimising the energy use of technical building systems, set system requirements in respect of the overall energy performance, the proper installation, and the appropriate dimensioning, adjustment and control of the	1. Member States shall, for the purpose of optimising the energy use of technical building systems, set system requirements <u>using energy saving technologies</u> , in respect of the overall energy performance, the proper installation, and the appropriate	1. Member States shall, for the purpose of optimising the energy use of technical building systems, set system requirements in respect of the overall energy performance, the proper installation, and the appropriate dimensioning, adjustment and control of the	1. Member States shall, for the purpose of optimising the energy use of technical building systems, set system requirements <u>using energy saving technologies</u> , in respect of the overall energy performance, the proper installation, and the appropriate

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	technical building systems which are installed in new or existing buildings. When setting up the requirements, Member States shall take account of design conditions and typical or average operating conditions.	dimensioning, adjustment and control of the technical building systems, <u>and, where appropriate, hydronic balancing</u> , which are installed in ~~new or~~ existing buildings. ~~When setting up the requirements, Member States shall take account of design conditions and typical or average operating conditions~~ <u>and shall ensure the use of the equipment that meets the criteria for the highest available energy efficiency classes in accordance with the relevant legal acts of the Union on energy labelling, taking into account system efficiency and the energy efficiency first principle.</u>	technical building systems which are installed in ~~new or~~ existing buildings. ~~When setting up the requirements, Member States shall take account of design conditions and typical or average operating conditions.~~	dimensioning, adjustment and control of the technical building systems, <u>and, where appropriate, hydronic balancing</u> , which are installed in ~~new or~~ existing buildings. ~~When setting up the requirements, Member States shall take account of design conditions and typical or average operating conditions.~~ covered by energy labelling legislation + recital on energy saving technologies
Article 11(1), second subparagraph				
269	System requirements shall be set for new, replacement and upgrading of technical building systems and shall be applied in so far as they are technically, economically and functionally feasible.	System requirements shall be set for new, replacement and upgrading of technical building systems and shall be applied in so far as they are technically, economically and functionally feasible.	System requirements shall be set for new, replacement and upgrading of technical building systems and shall be applied in so far as they are technically, economically and functionally feasible.	System requirements shall be set for new, replacement and upgrading of technical building systems and shall be applied in so far as they are technically, economically and functionally feasible. Text Origin: COM Proposal incl. RePowerEU

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
Article 11(1), third subparagraph				
270	Member States may set requirements related to the greenhouse gas emissions of, or to the type of fuel used by heat generators provided that such requirements do not constitute an unjustifiable market barrier.	Member States ~~may~~ shall set requirements related to the greenhouse gas emissions of, or to the type of fuel used by heat generators provided that such requirements ~~do not constitute an unjustifiable market barrier~~ are technologically neutral and in line with the objective to phase out the use of fossil fuels in heating and cooling.	Member States may set requirements related to the greenhouse gas emissions of, or to the type of fuel used by heat generators or to the minimum part of renewable energy used for heating at building's level, provided that such requirements do not constitute an unjustifiable market barrier.	Member States may set requirements related to the greenhouse gas emissions of, or to the type of fuel used by heat generators <u>or to the minimum part of renewable energy used for heating at building's level,</u> provided that such requirements do not constitute an unjustifiable market barrier. wider "phase-out" discussion EP AMD on fossil fuels linked with 274b etc, will be addressed there/or elsewhere
Article 11(1), fourth subparagraph				
271	Member States shall ensure that the requirements they set for technical building systems reach at least the latest cost-optimal levels.	Member States shall ensure that the requirements they set for technical building systems reach at least the latest cost-optimal levels <u>and take into account the relevant economic and environmental optimisation standards for the dimensioning.</u>	Member States shall ensure that the requirements they set for technical building systems reach at least the latest cost-optimal levels.	Member States shall ensure that the requirements they set for technical building systems reach at least the latest cost-optimal levels. COM to draft recital for EP AMD linked to 268 Text Origin: COM Proposal incl. RePowerEU
Article 11(1a)				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
271a		<u>Member States shall ensure that the replacement of obsolete and inefficient technical building systems, where technically and economically feasible, is part of the steps set out in a renovation passport, in accordance with the energy efficiency first principle.</u>		<i>deleted</i>
Article 11(2)				
272	2. Member States shall require new buildings, where technically and economically feasible, to be equipped with self-regulating devices for the separate regulation of the temperature in each room or, where justified, in a designated heated zone of the building unit. In existing buildings, the installation of such self-regulating devices shall be required when heat generators are replaced, where technically and economically feasible.	2. Member States shall require new buildings, ~~where technically and economically feasible,~~ to be equipped with self-regulating devices for the separate regulation of the temperature in each room or, where justified, in a designated heated <u>or cooled</u> zone of the building unit. ~~In existing buildings,~~ <u>and, where appropriate, with hydronic balancing.</u> The installation of such self-regulating devices <u>and, where appropriate, hydronic balancing in existing buildings</u> shall be required when heat <u>or cold</u> generators are replaced, where technically and economically feasible.	2. Member States shall require new buildings, where technically and economically feasible, to be equipped with self-regulating devices for the separate regulation of the temperature in each room or, where justified, in a designated heated zone of the building unit. In existing buildings, the installation of such self-regulating devices shall be required when heat generators are replaced, where technically and economically feasible.	2. Member States shall require new buildings, where technically and economically feasible, to be equipped with self-regulating devices for the separate regulation of the temperature in each room or, where justified, in a designated heated <u>or cooled</u> zone of the building unit. ~~In existing buildings,~~ <u>and, where appropriate, with hydronic balancing.</u> The installation of such self-regulating devices <u>and, where appropriate, hydronic balancing in existing buildings</u> shall be required when heat <u>or cooling</u> generators are replaced, where technically and economically feasible. to get back to "cooling" generator

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
Article 11(2a)				
g	272a			2. <u>Member States shall set requirements for the implementation of adequate indoor environmental quality standards in buildings in order to maintain a healthy indoor climate.</u> moved line 274aa from Article 11a
Article 11(3)				
y	273	3. Member States shall require ~~zero-emission buildings to be equipped with~~<u>the installation of</u> measuring and control devices for the monitoring and regulation of ~~indoor air~~<u>environmental</u> quality. ~~In existing buildings, the installation of such devices shall be required~~ <u>at relevant unit level and</u>, where technically and economically feasible, ~~when a building undergoes a major renovation.~~<u>in the following buildings:</u> Comment: recommends changing to "indoor environmental quality"	3. Member States shall require non-residential zero-emission buildings to be equipped with measuring and control devices for the ~~monitoring and~~ regulation of indoor air quality. In existing buildings, the installation of such devices shall be required, where technically and economically feasible, when a building undergoes a major renovation.	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		instead of "environmental quality" in line with the rest of EP text.		
	Article 11(3), first subparagraph, point (a)			
Y	273a	<u>(a) zero emission buildings;</u>		Y
	Article 11(3), first subparagraph , point (b)			
Y	273b	<u>(b) new buildings;</u>		Y
	Article 11(3), first subparagraph point (c)			
Y	273c	<u>(c) existing buildings undergoing a major renovation;</u>		Y
	Article 11(3), first subparagraph , point (d)			
Y	273d	<u>(d) non-residential buildings with an effective rated output for heating systems, cooling systems or systems for combined space heating and cooling over 70kW;</u>		Y
	Article 11(3), first subparagraph point (e)			
Y	273e	<u>(e) public buildings and buildings providing social services of</u>		Y

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>general interest, such as education, health and social assistance.</u>		
	Article 11(3) , second subparagraph			
Y	273f	<u>When considering the economic feasibility of an installation as referred to in the first subparagraph, Member States shall also take account of its measurable health benefits.</u>		
	Article 11(3a)			
G	273g	<u>Member States shall ensure that data on indoor environmental quality and other relevant data collected through measuring and control devices is interoperable with the digital building logbooks pursuant to Article 19(6) and in accordance with Union and national data protection rules.</u>		deleted addressed in 308
	Article 11(4)			
G	274	4. Member States shall ensure that, when a technical building system is installed, the overall energy	4. Member States shall ensure that, when a technical building system is installed <u>or altered</u> , the overall	4. Member States shall ensure that, when a technical building system is installed, the overall energy

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	performance of the altered part, and where relevant, of the complete altered system, is assessed. The results shall be documented and passed on to the building owner, so that they remain available and can be used for the verification of compliance with the minimum requirements laid down pursuant to paragraph 1 and the issue of energy performance certificates.	energy <u>and, where applicable, life-cycle GWP</u> performance of the ~~altered part, and where relevant, of the complete altered system, is assessed~~ <u>complete system, is improved and, where applicable, evidenced by in-use performance data</u> . The results shall be documented <u>in a digital building logbook</u> and passed on to the building owner <u>and tenant</u> , so that they remain available and can be used for the verification of compliance with the minimum requirements laid down pursuant to paragraph 1 and the issue of energy performance certificates.	performance of the altered part, and where relevant, of the complete altered system, is assessed. The results shall be documented and passed on to the building owner, so that they remain available and can be used for the verification of compliance with the minimum requirements laid down pursuant to paragraph 1 and the issue of energy performance certificates.	performance of the altered part, and where relevant, of the complete altered system, is assessed. The results shall be documented and passed on to the building owner, so that they remain available and can be used for the verification of compliance with the minimum requirements laid down pursuant to paragraph 1 and the issue of energy performance certificates.
Article 11(4a)				
R 274a		<u>Member States may adopt new incentives and funding to encourage the switch from fossil-fuelled heating and cooling systems to non-fossil fuel based systems, accompanied by investment in housing improving energy efficiency.</u>		<u>Member States may adopt new incentives and funding to encourage the switch from fossil-fuelled heating and cooling systems to non-fossil fuel based systems.</u>
Article 11(4b)				
R 274b				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
			5. Member States shall strive to replace fossil-fuelled heat generators in existing buildings to be in line with the pathway for transforming the national building stock into zero-emission buildings.	<u>Member States shall strive to replace stand-alone boilers powered by fossil fuels in existing buildings to be in line with the national phase-out plans for fossil fuel boilers.</u>
Article 11(4c)				
274c		<u>4a. Member States shall lay down requirements to ensure that, where technically and economically feasible, non-residential buildings are equipped with building automation and control systems, as follows:</u>		<u>4c. Member States shall lay down requirements to ensure that, where technically and economically feasible, non-residential buildings are equipped with building automation and control systems, as follows:</u> trilogue 31 August
Article 11(4d)				
274d		<u>(a) by 31 December 2024, non-residential buildings with an effective rated output for heating systems, cooling systems or systems for combined space heating and ventilation of over 290 kW;</u> Comment: possible alignment to line		<u>a) by 31 December 2024, non-residential buildings with an effective rated output for heating systems, air conditioning systems or systems for combined space heating and ventilation or systems for combined air conditioning and ventilation of over 290 kW;</u>

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		274I wording "combined space heating, cooling and ventilation" (adding cooling for consistency in this line too).		trilogue 31 August
Article 11(4e)				
G 274e		<u>(b) by 31 December 2029, non-residential buildings with an effective rated output for heating systems, cooling systems or systems for combined space heating and ventilation of over 70 kW.</u> Comment: possible alignment to line 274I wording "combined space heating, cooling and ventilation" (adding cooling for consistency in this line too).		<u>b) by 31 December 2029, non-residential buildings with an effective rated output for heating systems, air conditioning systems or systems for combined space heating and ventilation or systems for combined air conditioning and ventilation systems of over 70 kW.</u> trilogue 31 August
Article 11(4f)				
G 274f		<u>Member States shall set out clear parameters for establishing the economic feasibility of equipping non-residential buildings with building automation and control systems.</u>		deleted Instead, there is a new recital (location to be decided) as follows: To facilitate the assessment of the economic feasibility of equipping non-

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				residential buildings with building automation and control systems, member states are encouraged to establish parameters in this regard.
Article 11(4g)				
274g		<u>4b. The building automation and control systems referred to in paragraph 4a shall be capable of:</u>		<u>4b. The building automation and control systems shall be capable of:</u> trilogue 6 June
Article 11(4h)				
274h		<u>(a) continuously monitoring, logging, analysing and allowing for adjusting energy use;</u>		<u>a) continuously monitoring, logging, analysing and allowing for adjusting energy use;</u> trilogue 6 June
Article 11(4i)				
274i		<u>(b) benchmarking the building's energy efficiency, detecting losses in efficiency of technical building systems, and informing the person responsible for the facilities or technical building management about opportunities for energy</u>		<u>(b) benchmarking the building's energy efficiency, detecting losses in efficiency of technical building systems, and informing the person responsible for the facilities or technical building management about opportunities for energy</u>

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>efficiency improvement;</u>		<u>efficiency improvement;</u> trilogue 6 June
Article 11(4j)				
G 274j		<u>(c) allowing communication with connected technical building systems and other appliances inside the building, and being interoperable with technical building systems across different types of proprietary technologies, devices and manufacturers;</u>		<u>(c) allowing communication with connected technical building systems and other appliances inside the building, and being interoperable with technical building systems across different types of proprietary technologies, devices and manufacturers;</u> trilogue 6 June
Article 11(4k)				
G 274k		<u>(d) effective monitoring of indoor environmental quality, to ensure occupants' health and safety.</u>		<u>d) monitoring of indoor environmental quality</u>
Article 11(4l)				
G 274l		<u>4c. Member States shall lay down requirements to ensure that, where technically and economically feasible, from 1 January 2025, new residential</u>		<u>4c. Member States shall lay down requirements to ensure that, where technically, economically and functionally feasible, from [date of transposition], new</u>

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>buildings and residential buildings undergoing major renovations with an effective rated output for heating systems, cooling systems or systems for combined space heating, cooling and ventilation of over 70 kW are equipped with the following:</u>		<u>residential buildings and residential buildings undergoing major renovations are equipped with the following:</u> trilogue 6 June
Article 11(4m)				
274m		<u>(a) the functionality of continuous electronic monitoring of systems in the building at the relevant building and unit level that measures efficiency and informs building owners or managers in the case of a significant variation and when system servicing is necessary;</u>		<u>a) the functionality of continuous electronic monitoring that measures systems' efficiency and informs building owners or managers in the case of a significant variation and when system servicing is necessary;</u> trilogue 6 June
Article 11(4n)				
274n		<u>(b) effective control and balancing functionalities to ensure optimum generation, distribution, storage and use of energy;</u>		<u>b) effective control functionalities to ensure optimum generation, distribution, storage, use of energy and, where applicable, hydronic balance;</u> trilogue 6 June

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	Article 11(4o)			
G	274o	<u>(c) demand-side flexibility;</u>		<u>c) A capacity to react to external signals and adjust the energy consumption</u> trilogue 6 June
	Article 11(4p)			
R	274p	<u>(d) effective indoor environmental quality monitoring system, to ensure occupants' health and safety.</u>		to get back to
	Article 11(4q)			
G	274q			<u>4q. Member States may exclude single-family houses undergoing major renovations from the requirements laid down in this paragraph where the costs of installation exceed the benefits.</u> Moved from 396b
	Article 11(4r)			
G	274r	<u>4d. In addition to requirements set out in paragraph 4c.</u>		deleted

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>residential buildings with a useful floor area larger than 1 000 sqm shall also be equipped with functionality allowing both of the following:</u>		Compromise following 6 June trilogue
Article 11(4s)				
274s		<u>(a) benchmarking of the building's energy efficiency, detecting of losses in efficiency of technical building systems, and informing the person responsible for the facilities or technical building management about opportunities for energy efficiency improvement;</u>		deleted Compromise following 6 June trilogue
Article 11(4t)				
274t		<u>(b) communication with connected technical building systems and other appliances inside the building, and being interoperable with technical building systems across different types of proprietary technologies, devices and manufacturers.</u>		deleted Compromise following 6 June trilogue
Article 11(4u)				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
Y 274u		<u>4e. Member States shall require that, where technically and economically feasible, non-residential buildings are equipped with automatic lighting controls. The automatic lighting controls shall be capable of all of the following:</u>		<u>4u. By 31 December 2027, 290 WK</u> <u>By 31 December 2029, 70 KW</u> <u>Member States shall require that, where technically and economically feasible, non-residential buildings are equipped with automatic lighting controls. The automatic lighting controls shall be suitably zoned and capable of adjusting to daylight and/or occupancy detection.</u> to be redrafted, comes with the deletion of subsequent
Article 11(4v)				
Y 274v		<u>(a) zoned occupancy control for indoor lighting with automatic detection;</u>		<u>4v. to delete</u>
Article 11(4w)				
Y 274w		<u>(b) zoned automatic dimming of the lighting power based on daylight levels in daylight;</u>		<u>4w. del</u>

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	Article 11(4x)			
Y	274x	<u>(c) enabling continuous monitoring, logging and fault detection;</u>		<u>4x. del</u>
	Article 11(4y)			
Y	274y	<u>(d) allowing end-user control;</u>		<u>4y. del</u>
	Article 11(4z)			
Y	274z	<u>(e) allowing communication with relevant connected technical building systems inside the building.</u>		<u>4z. del</u>
	Article 11(4aa)			
G	274aa	<u>Article 11a</u> <u>Indoor environmental quality</u>		deleted trilogue 31 August
	Article 11(4ab)			
G	274ab	<u>1. Member States shall set requirements for the implementation of adequate</u>		deleted

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>indoor environmental quality standards in buildings in order to maintain a healthy indoor climate.</u>		<i>moved to Article 11, line 272a</i> <i>trilogue 31 August</i>
	Article 11(4ac)			
G	274ac	<u>2. By... / 24 months after the date of entry into force of this Directive], Member States shall set requirements according to measurable indicators based on to those of the LEVELs framework.</u>		<i>deleted</i>
	Article 11(4ad)			
G	274ad	<u>Indoor environmental quality indicators shall be measured inside the building and shall at least include:</u>		<i>deleted</i>
	Article 11(4ae)			
G	274ae	<u>(a) the level of carbon dioxide;</u>		<i>deleted</i>
	Article 11(4af)			
G	274af	<u>(b) the temperature and thermal comfort;</u>		<i>deleted</i>

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	Article 11(4ag)			
G	274ag	<u>(c) the relative humidity;</u>		deleted
	Article 11(4ah)			
G	274ah	<u>(d) the level of daylight illumination or adequate daylight levels;</u>		deleted
	Article 11(4ai)			
G	274ai	<u>(e) the ventilation rate in air changes per hour;</u>		deleted
	Article 11(4aj)			
G	274aj	<u>(f) acoustic indoor comfort, such as the control of the reverberation time and background noise level and speech intelligibility.</u>		deleted
	Article 11(4ak)			
G	274ak	<u>Particulate matter of emissions of indoor sources and target</u>		deleted

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>pollutant limits from indoor sources, on volatile organic compounds, classified as carcinogenic, mutagenic, or toxic for reproduction according to Regulation (EC) No 1272/2008¹, including formaldehyde, shall be reported on the basis of the available data at product level, or direct measurement where available, of the relevant sources in relation to the indoor environment of the building.</u> <u>1. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (OJ L 353, 31.12.2008, p. 1).</u>		
	Article 11(4a)			
G 274a		<u>3. The Commission is empowered to adopt delegated acts in accordance with Article 29 to supplement this Directive by establishing a methodology framework for calculating the indoor environmental quality standards.</u>		deleted

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	Article 11(4am)			
274am		<u>4. Member States shall ensure that new buildings and buildings undergoing major renovation comply with adequate indoor environmental quality standards.</u>		deleted
	Article 12			
275	Article 12 Infrastructure for sustainable mobility	Article 12 Infrastructure for sustainable mobility	Article 12 Infrastructure for sustainable mobility	Article 12 Infrastructure for sustainable mobility
	Article 12(1), first subparagraph			
276	1. With regard to new non-residential buildings and non-residential buildings undergoing major renovation, with more than five parking spaces, Member States shall ensure:	1. With regard to new non-residential buildings and non-residential buildings undergoing major renovation <u>where that renovation includes the car park or the electrical installations of the building</u> , with more than ~~five~~ <u>five</u> parking spaces, <u>where the car park is located inside the building, is physically adjacent to, or has a clear link with, the building</u> , Member States shall ensure <u>the installation of</u> :	1. With regard to new non-residential buildings with more than five car parking spaces and non-residential buildings undergoing major renovation, with more than ~~five~~ five car parking spaces, Member States shall ensure:	1. With regard to new non-residential buildings <u>with more than five car parking spaces</u> and non-residential buildings undergoing major renovation, with more than ~~five~~ <u>five car</u> parking spaces, Member States shall ensure: EP amd in CONS lines 280a and 280b agreement on CONS structure

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				Trilogue 12 October
Article 12(1), first subparagraph, point (a)				
277	(a) the installation of at least one recharging point;	(a) ~~the installation of~~ at least one recharging point <u>for every five parking spaces</u> ;	(a) the installation of at least one recharging point;	(a) the installation of at least one recharging point <u>for every five parking spaces</u> ; Trilogue 12 October
Article 12(1), first subparagraph, point (b)				
278	(b) the installation of pre-cabling for every parking space to enable the installation at a later stage of recharging points for electric vehicles; and	(b) ~~the installation of~~ pre-cabling for every parking space to enable the installation, at a later stage of recharging points for electric vehicles, <u>electrically power-assisted cycles and other L-category vehicles types; and</u> ~~÷ and~~	(b) the installation of pre-cabling for ~~every~~ at least 50% of car parking spaces and ducting, namely conduits for electric cables, for the remaining parking spaces, to enable the installation at a later stage of recharging points for electric vehicles; and	(b) the installation of pre-cabling for ~~every~~ at least 50% of car parking spaces and ducting, namely conduits for electric cables, for the remaining parking spaces, to enable the installation at a later stage of recharging points for electric vehicles, <u>electrically power-assisted cycles and other L-category vehicles types</u> ; and Trilogue 12 October
Article 12(1), first subparagraph, point (c)				
279	(c) at least one bicycle parking space for every car parking space;	(c) <u>bicycle parking spaces representing</u> at least ~~one bicycle~~ <u>parking 15% of total user capacity</u>	(c) bicycle parking spaces representing at least ~~one bicycle~~ parking space for every car parking	(c) <u>bicycle parking spaces representing</u> at least ~~one bicycle~~ <u>parking 15% of average /10% of</u>

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>of non-residential buildings, taking into account the space required also for bicycles with larger dimensions than standard bicycles.</u> ~~for every car parking space;~~	space15% of the average user capacity of the building;	<u>total] user capacity of non-residential buildings, taking into account the space required also for bicycles with larger dimensions than standard bicycles</u> ~~for every car parking space;~~ bracketed provision Trilogue 12 October
Article 12(1), second subparagraph				
280	where the car park is physically adjacent to the building, and, for major renovations, renovation measures include the car park or the electrical infrastructure of the car park.	Comment: moved to EP line 276.	where the car park is physically adjacent to the building, and, for major renovations, renovation measures include the car park or the electrical infrastructure of the car park.	where ~~the car park is physically adjacent to the building, and, for major renovations, renovation measures include the car park or the electrical infrastructure of the car park.~~ Trilogue 12 October Text Origin: Council Mandate
Article 12(1a)				
280a			(a) the car park is located inside the building, and, for major renovations, renovation measures include the car park or	<u>(a) the car park is located inside the building, and, for major renovations, renovation measures include the car park or the</u>

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
			the electrical infrastructure of the building; or	<u>electrical infrastructure of the building; or</u> Trilogue 12 October Text Origin: Council Mandate
Article 12(1b)				
280b			(b) the car park is physically adjacent to the building, and, for major renovations, renovation measures include the car park or the electrical infrastructure of the car park.	<u>(b) the car park is physically adjacent to the building, and, for major renovations, renovation measures include the car park or the electrical infrastructure of the car park.</u> Trilogue 12 October Text Origin: Council Mandate
Article 12(1), third subparagraph				
281	Member States shall ensure that the pre-cabling is dimensioned so as to enable the simultaneous use of the expected number of recharging points.	Member States shall ensure that the pre-cabling is dimensioned so as to enable the simultaneous <u>and efficient</u> use of the expected number of recharging points <u>and support, where appropriate, the installation of a load or charging management system, to the extent that this is technically and economically feasible and</u>	Member States shall ensure that the pre-cabling ~~is~~ and ducting are dimensioned so as to enable the simultaneous use of the ~~expected~~ required number of recharging points.	Member States shall ensure that the pre-cabling ~~is~~ <u>and ducting are</u> dimensioned so as to enable the simultaneous <u>and efficient</u> use of the ~~expected~~ <u>required</u> number of recharging points <u>and support, where appropriate, the installation of a load or charging management system, to the extent that this is technically and</u>

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>justifiable</u> .		<u>economically feasible and justifiable</u> . Trilogue 12 October
Article 12(1), fourth subparagraph				
282	By way of derogation from the first subparagraph, point (a), for new office buildings and office buildings undergoing major renovation, with more than five parking spaces, Member States shall ensure the installation of at least one recharging point for every two parking spaces.	By way of derogation from the first subparagraph, point (a), for new office buildings and office buildings undergoing major renovation, with more than five parking spaces, Member States shall ensure the installation of at least one recharging point for every two parking spaces.	By way of derogation from the first subparagraph, point (a), for new office buildings and office buildings undergoing major renovation, with more than five parking spaces, Member States shall ensure the installation of at least one recharging point for every two parking spaces.	By way of derogation from the first subparagraph, point (a), for new office buildings and office buildings undergoing major renovation, with more than five parking spaces, Member States shall ensure the installation of at least one recharging point for every two parking spaces. Trilogue 12 October Text Origin: COM Proposal incl. RePowerEU
Article 12(2)				
283	2. With regard to all non-residential buildings with more than twenty parking spaces, Member States shall ensure the installation of at least one recharging point for every ten parking spaces, and at least one	2. With regard to ~~all~~ non-residential buildings with more than twenty <u>and, if technically and economically feasible, ten</u> parking spaces, ~~Member States shall ensure the installation, by 1 January 2027,~~ of at least one	2. With regard to ~~all~~ non-residential buildings with more than twenty parking spaces, Member States shall ensure ~~the installation of at least one recharging point for every ten parking spaces, and at least one~~	2. With regard to ~~all~~ non-residential buildings with more than twenty parking spaces, Member States shall ensure ~~the installation of at least one recharging point for every ten parking spaces, and at least one~~

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	bicycle parking space for every car parking space, by 1 January 2027. In case of buildings owned or occupied by public authorities, Member States shall ensure pre-cabling for at least one in two parking spaces by 1 January 2033.	recharging point for every ten parking spaces, and <u>bicycle parking space, representing</u> at least ~~one bicycle parking space for every car parking~~ <u>15% of the total user capacity of the building and with</u> space, ~~by 1 January 2027. It~~ <u>required also for bicycles with larger dimensions than standard bicycles. In the</u> case of buildings owned or occupied by public authorities, Member States shall ensure pre-cabling for at least one in two parking spaces by 1 January 2033.	~~bicycle parking space for every car parking space, by 1 January 2027. In case of buildings owned or occupied by public authorities, Member States shall ensure pre-cabling for at least one in two parking spaces by 1 January 2033.:~~	~~bicycle parking space for every car parking space, by 1 January 2027. In case of buildings owned or occupied by public authorities, Member States shall ensure pre-cabling for at least one in two parking spaces by 1 January 2033.:~~ Trilogue 12 October
Article 12(2a)				
G 283a			(a) the installation of at least one recharging point for every ten parking spaces, or	<u>(a) the installation of at least one recharging point for every ten parking spaces, or</u> Trilogue 12 October
Article 12(2b)				
G 283b			(b) ducting, namely conduits for electric cables, for at least 50% of the parking spaces to enable the installation at a later stage of recharging points for electric	<u>(b) ducting, namely conduits for electric cables, for at least 50% of the parking spaces to enable the installation at a later stage of recharging points for electric</u>

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
			vehicles; and	<u>vehicles; and</u> Trilogue 12 October
Article 12(2c), first subparagraph				
Y	283c		(c) bicycle parking spaces representing at least 15% of the average user capacity of the building .	<u>2a. bicycle parking spaces representing at least [15% of average /10%] of total] user capacity of the building and with space required also for bicycles with larger dimensions than standard bicycles.</u> bracketed provision Trilogue 12 October
Article 12(2c), second subparagraph				
G	283d		In case of buildings owned or occupied by public bodies, Member States shall ensure pre-cabling for at least one in two parking spaces by 1 January 2033.	<u>In case of buildings owned or occupied by public bodies, Member States shall ensure pre-cabling for at least one in two parking spaces by 1 January 2033.</u> Trilogue 12 October Text Origin: Council Mandate
Article 12(2d)				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
283e			Member States may decide to postpone the implementation of this requirement until 1 January 2029 for all non-residential buildings that have been renovated in the two years prior to entry into force of this directive to comply with the national requirements set in accordance with Article 8(3) of Directive 2010/31/EU.	<u>Member States may decide to postpone the implementation of this requirement until 1 January 2029 for all non-residential buildings that have been renovated in the two years prior to entry into force of this directive to comply with the national requirements set in accordance with Article 8(3) of Directive 2010/31/EU.</u> Trilogue 12 October
Article 12(3)				
284	3. Member States may adjust requirements for the number of bicycle parking spaces in accordance with paragraphs 1 and 2 for specific categories of non-residential buildings where bicycles are typically less used as a means of transport.	3. Member States may, <u>subject to an assessment by local authorities, taking into account local characteristics, including demographical, geographical and climate conditions</u> , adjust requirements for the number of bicycle parking spaces in accordance with paragraphs 1 and 2 for specific categories of non-residential buildings ~~where bicycles are typically less used as a means of transport~~ .	3. Member States may adjust requirements for the number of bicycle parking spaces in accordance with paragraphs 1 and 2 for specific categories of non-residential buildings ~~where bicycles are that are not typically less used as a means of transport~~ accessed by bicycles .	3. Member States may adjust requirements for the number of bicycle parking spaces in accordance with paragraphs 1 and 2 for specific categories of non-residential buildings ~~where bicycles are that are not typically less used as a means of transport~~ accessed by bicycles . Trilogue 12 October Text Origin: Council Mandate
Article 12(4), first subparagraph				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
285	4. With regard to new residential buildings and residential buildings undergoing major renovation, with more than three parking spaces, Member States shall ensure:	4. With regard to new residential buildings and residential buildings undergoing major renovation, <u>where that renovation includes the car park or the electrical installations of the building</u> , with more than ~~three~~ parking spaces, <u>where the car park is located inside the building or the car park is physically adjacent to, or has a clear link with the building</u> Member States shall ensure <u>the installation of</u> :	4. With regard to new residential buildings with more than three car parking spaces and residential buildings undergoing major renovation, with more than ~~three~~ car parking spaces, Member States shall ensure:	4. With regard to new residential buildings <u>with more than three car parking spaces</u> and residential buildings undergoing major renovation, with more than ~~three~~ car parking spaces, Member States shall ensure: EP amd split in CONS lines 287e and 288 agreement on CONS structure Trilogue 12 October
Article 12(4), first subparagraph, point (a)				
286	(a) the installation of pre-cabling for every parking space to enable the installation, at a later stage, of recharging points for electric vehicles; and	(a) ~~the installation of~~ <u>in new residential buildings</u> , pre-cabling <u>for every parking space and, in residential buildings undergoing major renovation, pre-cabling or, where technically and economically unfeasible, ducting</u> for every parking space to enable the installation, at a later stage, of recharging points for electric vehicles <u>and electrically power-assisted cycles and other L-category vehicle types</u> ; ~~and~~ <u>Member States shall ensure that</u>	(a) the installation of ~~pre-cabling for every~~ for at least 50% of car parking spaces and ducting, namely conduits for electric cables, for the remaining car parking spaces to enable the installation, at a later stage, of recharging points for electric vehicles; ~~and~~	(a) the installation of ~~pre-cabling for every~~ <u>for at least 50% of car parking spaces and ducting, namely conduits for electric cables, for the remaining car parking spaces</u> to enable the installation, at a later stage, of recharging points for electric vehicles; ~~and~~ <u>and electrically power-assisted cycles and other L-category vehicle types</u> ; Trilogue 12 October

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>the pre-cabling is dimensioned to enable the simultaneous use of recharging points on all parking spaces;</u>		
Article 12(4), first subparagraph, point (aa)				
G 286a		<u>(aa) at least one recharging point;</u>		<u>(aa) the installation of at least one recharging point for new residential buildings, and</u> Trilogue 12 October
Article 12(4), first subparagraph, point (b)				
G 287	(b) at least two bicycle parking spaces for every dwelling.	(b) at least two bicycle parking spaces for every dwelling- <u>in new residential buildings;</u>	(b) at least two bicycle parking spaces for every dwelling- residential building unit;	(b) at least two bicycle parking spaces for every ~~dwelling~~ . <u>residential building unit;</u> Trilogue 12 October Text Origin: Council Mandate
Article 12(4), first subparagraph, point (ba)				
G 287a		<u>(ba) at least two bicycle parking spaces for every dwelling in residential buildings undergoing major renovation, where technologically and economically</u>		<i>deleted</i> Trilogue 12 October

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>feasible;</u>		
Article 12(4), first subparagraph, point (bb)				
287b		<u>(bb) in new residential buildings with at least three dwellings and where there are no car parking spaces, at least two bicycle parking spaces for every dwelling, where technologically and economically feasible.</u>		deleted Trilogue 12 October
Article 12(4), first subparagraph, point (bc)				
287c		<u>By way of derogation from the first subparagraph, Member States may, subject to an assessment by local authorities and taking into account local characteristics, including demographical, geographical and climate conditions, adjust requirements for the number of bicycle parking spaces.</u>		<u>By way of derogation from the first subparagraph, Member States may, subject to an assessment by local authorities and taking into account local characteristics, including demographical, geographical and climate conditions, adjust requirements for the number of bicycle parking spaces.</u> to be moved down Trilogue 12 October Text Origin: EP Mandate

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
Article 12(4a)				
287d			where:	<u>where:</u> Trilogue 12 October Text Origin: Council Mandate
Article 12(4a), point (a)				
287e			(a) the car park is located inside the building, and, for major renovations, renovation measures include the car park or the electric infrastructure of the building;	<u>(a) the car park is located inside the building, and, for major renovations, renovation measures include the car park or the electric infrastructure of the building;</u> Trilogue 12 October Text Origin: Council Mandate
Article 12(4), second subparagraph				
288	the car park is physically adjacent to the building, and, for major renovations, renovation measures include the car park or the electrical infrastructure of the car park.	Comment: covered in EP line 285.	(b) ———the car park is physically adjacent to the building, and, for major renovations, renovation measures include the car park or the electrical infrastructure of the car park.	<u>(b)</u> ———the car park is physically adjacent to the building, and, for major renovations, renovation measures include the car park or the electrical infrastructure of the car park. Trilogue 12 October Text Origin: Council Mandate

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
Article 12(4), third subparagraph				
289	Member States shall ensure that the pre-cabling is dimensioned to enable the simultaneous use of recharging points on all parking spaces. Where, in the case of major renovation, ensuring two bicycle parking spaces for every dwelling is not feasible, Member States shall ensure as many bicycle parking spaces as appropriate.		Member States shall ensure that the pre-cabling is dimensioned to enable the simultaneous use of recharging points on all parking spaces. Where, in the case of major renovation, ensuring two bicycle parking spaces for every ~~dwelling~~ residential building unit is not feasible, Member States shall ensure as many bicycle parking spaces as appropriate.	Member States shall ensure that the pre-cabling is dimensioned to enable the simultaneous use of recharging points on all parking spaces. Where, in the case of major renovation, ensuring two bicycle parking spaces for every ~~dwelling~~ residential building unit is not feasible, Member States shall ensure as many bicycle parking spaces as appropriate. Trilogue 12 October
Article 12(5)				
290	5. Member States may decide not to apply paragraphs 1, 2 and 4 to specific categories of buildings where the pre-cabling required would rely on micro isolated systems or the buildings are situated in the outermost regions within the meaning of Article 349 TFEU, if this would lead to substantial problems for the operation of the local energy system and would endanger the	5. Member States may decide not to apply paragraphs 1, 2 and 4 to specific categories of buildings ~~where the~~ where the pre-cabling required would rely on micro isolated systems or the buildings are situated in the outermost regions within the meaning of Article 349 TFEU, if this would lead to substantial problems for the operation of the local energy system and would endanger the	5. Member States may decide not to apply paragraphs 1, 2 and 4 to specific categories of buildings ~~where the pre-cabling required would rely on micro isolated systems or the buildings are situated in the outermost regions within the meaning of Article 349 TFEU, if this would lead to substantial problems for the operation of the local energy system and would endanger the~~	5. Member States may decide not to apply paragraphs 1, 2 and 4 to specific categories of buildings ~~where the pre-cabling required would rely on micro isolated systems or the buildings are situated in the outermost regions within the meaning of Article 349 TFEU, if this would lead to substantial problems for the operation of the local energy system and would endanger the~~

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	stability of the local grid.	stability of the local grid.	stability of the local grid. where:	~~stability of the local grid. where:~~ Trilogue 12 October Text Origin: Council Mandate
Article 12(5), point (a)				
290a			(a) the pre-cabling required would rely on micro isolated systems or the buildings are situated in the outermost regions within the meaning of Article 349 TFEU, if this would lead to substantial problems for the operation of the local energy system and would endanger the stability of the local grid; or wrongly formatted in GA	<u>(a) the pre-cabling required would rely on micro isolated systems or the buildings are situated in the outermost regions within the meaning of Article 349 TFEU, if this would lead to substantial problems for the operation of the local energy system and would endanger the stability of the local grid; or</u> Trilogue 12 October Text Origin: Council Mandate
Article 12(5), point (b)				
290b			(b) the cost of the recharging and ducting installations exceeds at least [10 %] of the total cost of the major renovation of the building. wrongly formatted in GA	<u>(b) the cost of the recharging and ducting installations exceeds at least 10 % of the total cost of the major renovation of the building.</u> Trilogue 12 October

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	Article 12(5), point (c)			
G	290c	<u>5a. Following a reasoned request by a Member State, the Commission may decide to allow that Member State to adjust the requirements in paragraphs 1 and 2 for specific categories of buildings where:</u>		deleted Trilogue 12 October
	Article 12(5), point (d)			
G	290d	<u>(a) the building is owned and occupied by a microenterprise or a small or medium-sized enterprise, as defined in Article 2 of the Annex to Commission Recommendation 2003/31/EC¹; or</u> <u>1. Commission Recommendation of 6 May 2003 concerning the definition of micro, small and medium-sized enterprises (OJ L 124, 20.5.2003, p. 36).</u>		deleted Trilogue 12 October
	Article 12(5), point (e)			
G	290e	<u>(b) the buildings only have temporary use in accordance with Article 9.</u>		deleted Trilogue 12 October

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	Article 12(5), point (f)			
290f		<u>5b. Member States may adjust requirements for the number of parking spaces in accordance with paragraphs 1, 2 and 4 for specific categories of residential and non-residential buildings where the fulfilment of the requirements set out in paragraphs 1, 2 and 4 would lead to disproportionate costs, would be economically unfeasible or unjustifiable, or where local conditions do not justify the fulfilment of the requirements.</u>		deleted Trilogue 12 October
	Article 12(6)			
291	6. Member States shall ensure that the recharging points referred to in paragraphs 1, 2 and 4 are capable of smart charging and, where appropriate, bidirectional charging, and that they are operated based on non-proprietary and non-discriminatory communication protocols and standards, in an interoperable manner, and in compliance with any legal	6. Member States shall ensure that the recharging points referred to in paragraphs 1, 2 and 4 <u>of this Article</u> are capable of smart charging and, where appropriate, bidirectional charging, and that they are operated based on non-proprietary and non-discriminatory communication protocols and standards, in an interoperable manner, and in compliance with	6. Member States shall ensure that the recharging points referred to in paragraphs 1, 2 and 4 are capable of smart charging and, where appropriate, bidirectional charging, and that they are operated based on non-proprietary and non-discriminatory communication protocols and standards, in an interoperable manner, and in compliance with any legal	6. Member States shall ensure that the recharging points referred to in paragraphs 1, 2 and 4 <u>of this Article</u> are capable of smart charging and, where appropriate, bidirectional charging, and that they are operated based on non-proprietary and non-discriminatory communication protocols and standards, in an interoperable manner, and in compliance with

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	standards and protocols in the delegated acts adopted pursuant to Article 19(6) and Article 19(7) of Regulation (EU) .../... [AFIR].	any legal standards and protocols in the delegated acts adopted pursuant to Article 19(6) and Article 19(7) of Regulation (EU) .../... [AFIR].	standards and protocols in the delegated acts adopted pursuant to Article 19(6) and Article 19(7) of Regulation (EU) .../... [AFIR].	any legal standards and protocols in the delegated acts adopted pursuant to Article 19(6) and Article 19(7) of Regulation (EU) ~~.../... [AFIR]~~ <u>2023/1804</u> . Trilogue 12 October Text Origin: EP Mandate
Article 12(7)				
292	7. Member States shall encourage that operators of non-publicly accessible recharging points operate them in accordance with Article 5(4) of Regulation (EU) .../...[AFIR], where applicable.	7. Member States shall ~~encourage~~ <u>ensure</u> that operators of non-publicly accessible recharging points operate them in accordance with Article 5(4) of Regulation (EU) ~~.../...[AFIR]~~ , where applicable.	7. Member States shall encourage that operators of non-publicly accessible recharging points operate them in accordance with Article 5(4) of Regulation (EU) .../...[AFIR], where applicable.	7. Member States shall encourage that operators of non-publicly accessible recharging points operate them in accordance with Article 5(4) of Regulation (EU) ~~.../...[AFIR]~~ <u>2023/1804</u> , where applicable. Trilogue 12 October Text Origin: COM Proposal incl. RePowerEU
Article 12(7a)				
292a			7a. Member States may require that operators of non-publicly accessible recharging points make them available to all electromobility service providers	<i>deleted</i> Trilogue 12 October

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
			active in the Member State without discrimination. Recharging points operated for own use are excluded from this provision.	
Article 12(8), first subparagraph				
293	8. Member States shall provide for measures in order to simplify the deployment of recharging points in new and existing residential and non-residential buildings and remove regulatory barriers, including permitting and approval procedures, without prejudice to the property and tenancy law of the Member States. Member States shall remove barriers to the installation of recharging points in residential buildings with parking spaces, in particular the need to obtain consent from the landlord or co-owners for a private recharging point for own use.	8. Member States shall provide for measures in order to <u>encourage, simplify, harmonise and accelerate the procedure for the installation</u> ~~the deployment~~ of recharging points in new and existing residential and non-residential buildings, <u>especially of co-owners associations, and</u> ~~and~~ remove ~~regulatory barriers,~~ including permitting and approval procedures <u>from public authorities or grid operators</u>, without prejudice to the property and tenancy law of the Member States <u>and to allow the 'right to plug' for everyone in the Union.</u> ~~Member States shall remove barriers to the installation of recharging points in residential buildings with parking spaces, in particular the need to obtain consent from the landlord or co-owners for a private recharging point for own use.~~ <u>A request by</u>	8. Member States shall provide for measures in order to simplify the deployment of recharging points in new and existing residential and non-residential buildings and remove ~~regulatory barriers,~~ including permitting and approval procedures, without prejudice to the property and tenancy law of the Member States. ~~Member States shall remove barriers to the installation of recharging points in residential buildings with parking spaces, in particular the need to obtain consent from the landlord or co-owners for a private recharging point for own use.~~ A request by tenants or co-owners to be allowed to install charging equipment in a parking space may only be refused if there are serious and legitimate grounds for doing so.	8. Member States shall provide for measures in order to simplify, <u>streamline and accelerate the procedure for the installation</u> ~~the deployment~~ of recharging points in new and existing, residential and non-residential buildings, <u>especially of co-owners associations, and</u> ~~and~~ remove regulatory barriers, including permitting and approval procedures, <u>from public authorities</u> without prejudice to the property and tenancy law of the Member States. ~~Member States shall remove barriers to the installation of recharging points in residential buildings with parking spaces, in particular the need to obtain consent from the landlord or co-owners for a private recharging point for own use.~~ <u>A request by tenants or co-owners to be allowed to install charging</u>

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>tenants or co-owners to install charging equipment in a parking space may be refused if there are serious and legitimate grounds for such a refusal.</u>		<u>equipment in a parking space may only be refused if there are serious and legitimate grounds for doing so.</u> recital 37 on "right to plug", pending COM Trilogue 12 October
Article 12(8), first subparagraph a				
293a		<u>Member States shall ensure that the time between the application for a recharging point by a tenant or an owner in a building and its installation is reasonable and in any event does not exceed six months.</u>		<u>Without prejudice to their the property and tenancy law, Member States shall assess administrative barriers regarding the application for the installation of a recharging point in a multi-dwelling building at a tenants' or co-owners association.</u> Trilogue 12 October
Article 12(8a)				
293b		<u>By 1 January 2025, the Commission shall publish guidelines specifying the standards and protocol to be recommended to national and local public authorities for fire</u>		<u>By 31 December 2025, the Commission shall publish guidance for fire safety in car parks.</u> Trilogue 12 October

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>safety in roofed car parks.</u>		
Article 12(8), second subparagraph				
294	Member States shall ensure the availability of technical assistance for building owners and tenants wishing to install recharging points.	Member States shall ensure the availability of technical assistance for building owners and tenants wishing to install recharging points <u>and bicycle parking spaces.</u>	Member States shall ensure the availability of technical assistance for building owners and tenants wishing to install recharging points.	Member States shall ensure the availability of technical assistance for building owners and tenants wishing to install recharging points <u>and bicycle parking spaces.</u> Trilogue 12 October Text Origin: EP Mandate
Article 12(8b)				
294a		<u>With regard to existing residential buildings with more than three parking spaces, Member States shall introduce measures to ensure the installation of pre-cabling for parking spaces, in proportion to with the number of battery electric light-duty vehicles registered in their territory.</u>		<u>With regard to residential buildings, Member States shall consider the introduction of support schemes for the installation of charging stations, pre-cabling or ducting of parking spaces in line with the number of battery electric light-duty vehicles registered in their territory.</u> Trilogue 12 October
Article 12(8c)				
294b				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>8a. For owners and tenants of buildings, who do not have the possibility to install a recharging point at their place of residence, Member States shall introduce measures to allow them to request the installation of a publicly available recharging point near their place of residence, in accordance with the objectives of Regulation (EU) .../... [AFIR]. Member States shall introduce measures to ensure that the number of publicly accessible recharging points installed corresponds to the number of requests received within the same areas.</u>		deleted Trilogue 12 October
Article 12(8d)(9)				
295	9. Member States shall ensure the coherence of policies for buildings, soft and green mobility and urban planning.	9. Member States shall—ensure the coherence of—policies for buildings, ~~soft~~ active and green mobility, <u>climate, energy, biodiversity</u> and urban planning—	9. Member States shall— ensure the coherence of— policies for buildings, soft and green mobility and urban planning.	9. Member States shall—ensure the coherence of—policies for buildings, ~~soft~~ active and green mobility, <u>climate, energy, biodiversity</u> and urban planning— Trilogue 12 October Text Origin: EP Mandate
Article 12(9), second subparagraph				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
295a		<u>To ensure an effective combination on private e-mobility, active mobility and public transport, Member States shall support local authorities in developing and implementing sustainable urban mobility plans with a particular focus on the integration of housing policies with sustainable mobility and urban planning.</u>		deleted Trilogue 12 October
Article 13				
296	Article 13 Smart readiness of buildings	Article 13 Smart readiness of buildings	Article 13 Smart readiness of buildings	Article 13 Smart readiness of buildings Text Origin: COM Proposal incl. RePowerEU
Article 13(1), first subparagraph				
297	1. The Commission shall adopt delegated acts in accordance with Article 29 concerning an optional common Union scheme for rating the smart readiness of buildings. The rating shall be based on an assessment of the capabilities of a building or building unit to adapt	1. The Commission shall ~~adopt~~ ~~acts~~ <u>acts</u> in accordance with Article 29 concerning ~~an~~ optional common Union scheme for rating the smart readiness of buildings. The rating shall be based on an assessment of the capabilities of a building or	1. The Commission shall ~~adopt~~ ~~acts~~ <u>acts</u> in accordance with Article 29 concerning ~~an~~ optional common Union scheme for rating the smart readiness of buildings. The rating shall be based on an assessment of the capabilities of a building or	1. The Commission shall ~~adopt~~ ~~acts~~ <u>acts</u> in accordance with Article 29 concerning ~~an~~ optional common Union scheme for rating the smart readiness of buildings. The rating shall be based on an assessment of the capabilities of a building or

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	its operation to the needs of the occupant and the grid and to improve its energy efficiency and overall performance.	building unit to adapt its operation to the needs of the occupant, <u>in particular concerning indoor environmental quality</u> and the grid and to improve its energy efficiency and overall performance.	building unit to adapt its operation to the needs of the occupant and the grid and to improve its energy efficiency and overall performance.	building unit to adapt its operation to the needs of the occupant, <u>in particular concerning indoor environmental quality</u> and the grid and to improve its energy efficiency and overall performance. trilogue 31 August Text Origin: EP Mandate
Article 13(1), second subparagraph				
298	In accordance with Annex IV, the optional common Union scheme for rating the smart readiness of buildings shall lay down :	In accordance with Annex IV, the optional common Union scheme for rating the smart readiness of buildings shall lay down :	In accordance with Annex IV, the optional common Union scheme for rating the smart readiness of buildings shall– lay down–:	In accordance with Annex IV, the optional common Union scheme for rating the smart readiness of buildings shall lay down–: Text Origin: COM Proposal incl. RePowerEU
Article 13(1), second subparagraph, point (a)				
299	(a) the definition of the smart readiness indicator; and	(a) the definition of the smart readiness indicator; ~~and~~	(a) the definition of the smart readiness indicator; ~~and~~	(a) the definition of the smart readiness indicator; ~~and~~ Text Origin: Council Mandate
Article 13(1), second subparagraph, point (b)				
300	(b) a methodology by which it is	(b) a methodology by which it is	(b) a methodology by which it is	(b) a methodology by which it is

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	to be calculated.	to be calculated.	to be calculated.	to be calculated. Text Origin: COM Proposal incl. RePowerEU
Article 13(2)				
301	2. The Commission shall, by 31 December 2025, adopt a delegated act in accordance with Article 29, requiring the application of the common Union scheme for rating the smart readiness of buildings, in accordance with Annex IV, to non-residential buildings with an effective rated output for heating systems, or systems for combined space heating and ventilation of over 290 kW.	2. ~~The Commission shall,~~ By 31 December ~~2025, 2024, the~~ <u>Commission shall</u> adopt a delegated act in accordance with Article 29, <u>amending this Directive by</u> requiring the <u>mandatory</u> application, <u>by the same date,</u> of the common Union scheme for rating the smart readiness of buildings, in accordance with Annex IV, to non-residential buildings with an effective rated output for heating systems, ~~or air-conditioning systems, and~~ systems for combined space heating, <u>air-conditioning</u> and ventilation of over 290 kW. <u>From 1 January 2030, the common Union scheme shall apply to non-residential buildings with an effective rated output of over 70 kW.</u>	2. The Commission shall, by 31 December 2025, adopt a delegated act in accordance with Article 29, requiring the application of the common Union scheme for rating the smart readiness of buildings, in accordance with Annex IV, to non-residential buildings with an effective rated output for heating systems, or systems for combined space heating and ventilation of over 290 kW. Further to the test phase of the smart readiness indicator, the Commission shall submit a report to the Member States, by 1st January 2026, with a view to assessing the results.	2. The Commission shall, by 31 ~~December 2025~~ <u>June 2026, submit a report to the European Parliament and the Council on the testing and implementation of the smart readiness indicator, based on the available results of the national test phases and other relevant projects. Taking into account of the outcome of the report, the Commission shall, by 30 June 2027,</u> adopt a delegated act in accordance with Article 29, <u>supplementing this Directive by</u> requiring the application of the common Union scheme for rating the smart readiness of buildings, in accordance with Annex IV, to non-residential buildings with an effective rated output for heating systems, <u>air-conditioning systems</u> or systems for combined space heating, <u>air-conditioning</u> and ventilation of over 290 kW.

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				trilogue 31 August
Article 13(2a)				
301a			2a. If the report concludes that the assessment of the smart readiness indicator is positive, the Commission shall, by 31 December 2026, adopt a delegated act in accordance with Article 29, requiring the application of the common Union scheme for rating the smart readiness of buildings, in accordance with Annex IV, to non-residential buildings with an effective rated output for heating systems, or systems for combined space heating and ventilation of over 290 kW.	<i>deleted</i> trilogue 31 August
Article 13(3), first subparagraph				
302	3. The Commission shall, after having consulted the relevant stakeholders, adopt an implementing act detailing the technical modalities for the effective implementation of the scheme referred to in paragraph 1 , including a timeline for a non-	3. The Commission shall, after having consulted the relevant stakeholders, adopt an implementing act detailing the technical modalities for the effective implementation of the scheme referred to in paragraph 1 , including a timeline for a non-	3. The Commission shall,— after having consulted the relevant stakeholders, adopt an implementing act detailing the technical modalities for the effective implementation of the scheme referred to in paragraph 1 , including a timeline for a non-	3. The Commission shall, after having consulted the relevant stakeholders, adopt an implementing act detailing the technical modalities for the effective implementation of the scheme referred to in paragraph 1 , including a timeline for a non-

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	committal test-phase at national level, and clarifying the complementary relation of the scheme to the energy performance certificates referred to in Article 16.	committal test-phase at national level, and clarifying the complementary relation of the scheme to the energy performance certificates referred to in Article 16.	committal test-phase at national level, and clarifying the complementary relation of the scheme to the energy performance certificates referred to in Article 16.	committal test-phase at national level, and clarifying the complementary relation of the scheme to the energy performance certificates referred to in Article 16. Text Origin: COM Proposal incl. RePowerEU
Article 13(3), second subparagraph				
303	That implementing act shall be adopted in accordance with the examination procedure referred to in Article 30(3).	That implementing act shall be adopted in accordance with the examination procedure referred to in Article 30(3).	That implementing act shall be adopted in accordance with the examination procedure referred to in Article 30(3).	That implementing act shall be adopted in accordance with the examination procedure referred to in Article 30(3). Text Origin: COM Proposal incl. RePowerEU
Article 13(4), first subparagraph				
304	4. The Commission shall, by 31 December 2025, and after having consulted the relevant stakeholders, adopt an implementing act detailing the technical modalities for the effective implementation of the application of the scheme referred to in paragraph 2 to non-residential buildings with an effective rated output for heating	4. ~~The Commission shall,~~ By 31 December ~~2025, and~~ <u>2024, the Commission shall,</u> after having consulted the relevant stakeholders, adopt an implementing act detailing the technical modalities for the effective implementation of the application of the scheme referred to in paragraph 2 to non-residential buildings with an	4. Provided that the Commission shall, by 31 December 2025, and after having consulted the relevant stakeholders, has adopted the delegated act referred to in paragraph 2a, the Commission shall, by 31 December 2027 adopt an implementing act detailing the technical modalities for the effective implementation of the	4. <u>Provided that</u> the Commission ~~shall, by 31 December 2025, and after having consulted the relevant stakeholders,~~ <u>has adopted the delegated act referred to in paragraph 2, the Commission shall, by 30 June 2027</u> adopt an implementing act detailing the technical modalities for the effective implementation of the

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	systems, or systems for combined heating and ventilation of over 290 kW.	effective rated output for heating systems, <u>air-conditioning systems</u> , or systems for combined heating, <u>air-conditioning</u> and ventilation of over 290 kW.	application of the scheme referred to in paragraph 2 a to non-residential buildings with an effective rated output for heating systems, or systems for combined heating and ventilation of over 290 kW.	application of the scheme referred to in paragraph 2 to non-residential buildings with an effective rated output for heating systems, or systems for combined heating and ventilation of over 290 kW. dates of DA and IA aligned trilogue 31 August
Article 13(4), second subparagraph				
305	That implementing act shall be adopted in accordance with the examination procedure referred to in Article 30(3).	That implementing act shall be adopted in accordance with the examination procedure referred to in Article 30(3).	That implementing act shall be adopted in accordance with the examination procedure referred to in Article 30(3).	That implementing act shall be adopted in accordance with the examination procedure referred to in Article 30(3). trilogue 31 August Text Origin: COM Proposal incl. RePowerEU
Article 14				
306	Article 14 Data exchange	Article 14 Data exchange	Article 14 Data exchange	Article 14 Data exchange Text Origin: COM Proposal incl. RePowerEU
Article 14(1), first subparagraph				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
307	1. Member States shall ensure that the building owners, tenants and managers can have direct access to their building systems' data. At their request, the access or data shall be made available to a third party. Member States shall facilitate the full interoperability of services and of data exchange within the Union in accordance with paragraph 6.	1. Member States shall ensure that the building owners, tenants and managers can have direct access to their building systems' <u>data, including technical building systems</u> data. ~~At~~ <u>Upon</u> their ~~request~~ <u>consent</u> , the access or data shall be made available to a third party, <u>subject to the existing contractual agreement</u> . Member States shall <u>mandate the use of international standards and management formats for data exchanged and</u> facilitate the full interoperability of services and of data exchange within the Union in accordance with paragraph ~~6~~ <u>5</u> . <u>The aggregated and anonymised building systems data shall be made publicly available.</u>	1. Member States shall ensure that the building owners, tenants and managers can have direct access to their building systems' data. At their request, the access or data shall be made available to a third party. Member States shall facilitate the full interoperability of services and of data exchange within the Union in accordance with paragraph ~~6~~ <u>5</u> .	1. Member States shall ensure that the building owners, tenants and managers can have direct access to their building systems' data. ~~At~~ <u>Upon</u> their ~~request~~ <u>consent</u> , the access or data shall be made available to a third party, <u>subject to the existing applicable rules and agreements</u> . Member States shall facilitate the full interoperability of services and of data exchange within the Union in accordance with paragraph ~~6~~ <u>5</u> .
Article 14(1), second subparagraph				
308	For the purpose of this Directive, building systems data shall include at least all data related to the energy performance of building elements, the energy performance of building services, building automation and control systems, meters and charging points for e-	For the purpose of this Directive, building systems data shall include ~~at least all~~ <u>relevant raw</u> data related to the energy performance of building elements, the energy performance of building services, <u>the projected lifespan of the heating systems, sensors,</u> building	For the purpose of this Directive, building systems data shall include at least all data related to the energy performance of building elements, the energy performance of building services, building automation and control systems, meters and charging points for e-	For the purpose of this Directive, building systems data shall include at least all <u>readily available</u> data related to the energy performance of building elements, the energy performance of building services, <u>the projected lifespan of the heating systems, where available,</u>

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	mobility.	automation and control systems, meters and charging points for e-mobility <u>and be linked to the digital building logbook. Both processed and non-processed data shall be considered acceptable for the purposes of this Article, provided that they meet the requirements set out in the first subparagraph.</u>	mobility.	building automation and control systems, meters, <u>measuring and control devices</u> and charging points for e-mobility <u>and be linked, where available, to the digital building logbook.</u> wording from data act
Article 14(1a)				
308a		<u>1a. Member States shall ensure that local authorities have access to data on energy performance of buildings on their territory as required to facilitate drafting of heating and cooling plans and include operational geographic information systems and the related databases, in accordance with Regulation (EU) 2016/679 of the European Parliament and of the Council¹. Member States shall ensure that local authorities have the necessary resources for data and information management.</u> <u>1. Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the</u>		deleted moved to Article 19, but wording needs to be clearer, under line 372

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation) (OJ L 119, 4.5.2016, p. 1).</u>		
Article 14(2)				
309	2. When laying down the rules regarding the management and exchange of data, Member States or, where a Member State has so provided, the designated competent authorities, shall specify the rules on the access to building systems data by eligible parties in accordance with this Article and the applicable Union legal framework.	2. When laying down the rules regarding the management and exchange of data, Member States or, where a Member State has so provided, the designated competent authorities, shall ~~specify the rules on the access to building systems data by eligible parties in accordance with this Article~~ <u>comply with the harmonised Union rules set out in the implementing acts provided for in paragraph 5</u> and the applicable Union legal framework. <u>The rules on the access and any charges shall not constitute a barrier or create discrimination for third parties to access building systems data.</u>	2. When laying down the rules regarding the management and exchange of data, Member States or, where a Member State has so provided, the designated competent authorities, shall specify the rules on the access to building systems data by eligible parties in accordance with this Article and the applicable Union legal framework.	2. When laying down the rules regarding the management and exchange of data, <u>taking into account the international standards and management format to data exchange</u> , Member States or, where a Member State has so provided, the designated competent authorities, shall ~~specify~~ <u>comply with the applicable Union legal framework</u> . The rules on the access ~~to building systems data by eligible parties in accordance with this Article and the applicable Union legal framework~~ <u>and any charges shall not constitute a barrier or create discrimination for third parties to access building systems data.</u>
Article 14(3)				
310	3. No additional costs shall be charged to the building owner,	3. No additional costs shall be charged to the building owner,	3. No additional costs shall be charged to the building owner,	3. No additional costs shall be charged to the building owner,

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	tenant or manager for access to their data or for a request to make their data available to a third party. Member States shall be responsible for setting the relevant charges for access to data by other eligible parties such as financial institutions, aggregators, energy suppliers, energy services providers and National Statistical Institutes or other national authorities responsible for the development, production and dissemination of European statistics. Member States or, where applicable, the designated competent authorities, shall ensure that any charges imposed by regulated entities that provide data services are reasonable and duly justified.	tenant or manager for access to their data or for a request to make their data available to a third party <u>subject to the existing contractual agreement</u> . Member States shall be responsible for setting the relevant charges for access to data by other eligible parties such as financial institutions, aggregators, energy suppliers, energy services providers and National Statistical Institutes or other national authorities responsible for the development, production and dissemination of European statistics. Member States or, where applicable, the designated competent authorities, shall ensure that any charges imposed by regulated entities that provide data services are reasonable and duly justified. <u>Member States shall incentivise the sharing of the building systems data.</u>	tenant or manager for access to their data or for a request to make their data available to a third party. Member States shall be responsible for setting the relevant charges for access to data by other eligible parties such as financial institutions, aggregators, energy suppliers, energy services providers and National Statistical Institutes or other national authorities responsible for the development, production and dissemination of European statistics. Member States or, where applicable, the designated competent authorities, shall ensure that any charges imposed by regulated entities that provide data services are reasonable and duly justified.	tenant or manager for access to their data or for a request to make their data available to a third party <u>subject to the existing applicable rules and agreements</u> . Member States shall be responsible for setting the relevant charges for access to data by other eligible parties such as financial institutions, aggregators, energy suppliers, energy services providers and National Statistical Institutes or other national authorities responsible for the development, production and dissemination of European statistics. Member States or, where applicable, the designated competent authorities, shall ensure that any charges imposed by regulated entities that provide data services are reasonable and duly justified. <u>Member States shall incentivise the sharing of the relevant building systems data.</u>
Article 14(4)				
311	4. The rules on access to data and data storage for the purpose of this Directive shall comply with the relevant Union law. The processing	4. The rules on access to data and data storage for the purpose of this Directive shall comply with the relevant Union law. The processing	4. The rules on access to data and data storage for the purpose of this Directive shall comply with the relevant Union law. The processing	4. The rules on access to data and data storage for the purpose of this Directive shall comply with the relevant Union law. The processing

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	of personal data within the framework of this Directive shall be carried out in accordance with Regulation (EU) 2016/679 of the European Parliament and of the Council¹. 1. Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation) (OJ L 119, 4.5.2016, p. 1).	of personal data within the framework of this Directive shall be carried out in accordance with Regulation (EU) 2016/679 of the European Parliament and of the Council¹. 1. Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation) (OJ L 119, 4.5.2016, p. 1).	of personal data within the framework of this Directive shall be carried out in accordance with Regulation (EU) 2016/679 of the European Parliament and of the Council¹. 1. Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation) (OJ L 119, 4.5.2016, p. 1).	of personal data within the framework of this Directive shall be carried out in accordance with Regulation (EU) 2016/679 of the European Parliament and of the Council¹. 1. Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation) (OJ L 119, 4.5.2016, p. 1). Text Origin: COM Proposal incl. RePowerEU
Article 14(4a)				
311a		<u>4a. By 31 December 2023, the Commission shall adopt a delegated act in accordance with Article 29 to supplement this Directive by establishing interoperability requirements and non-discriminatory and transparent procedures for access to the data referred to in this Article.</u>		deleted
Article 14(5)				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
312	5. The Commission shall adopt implementing acts detailing interoperability requirements and non-discriminatory and transparent procedures for access to the data. Those implementing acts shall be adopted in accordance with the advisory procedure referred to in Article 30(2).	5. <u>By 31 December 2023</u> , the Commission shall adopt implementing acts detailing interoperability requirements and non-discriminatory and transparent procedures for access to the data- ~~Those implementing acts shall be adopted in accordance with the advisory procedure referred to in Article 30(2)~~ <u>this Article.</u>	5. The Commission shall adopt implementing acts detailing interoperability requirements and non-discriminatory and transparent procedures for access to the data. Those implementing acts shall be adopted in accordance with the advisory procedure referred to in Article 30(2).	5. <u>[By 31 December 2025]</u> , the Commission shall adopt implementing acts detailing interoperability requirements and non-discriminatory and transparent procedures for access to the data. Those implementing acts shall be adopted in accordance with the advisory procedure referred to in Article 30(2).
Article 14(5a)				
312a		<u>Those implementing acts shall be adopted in accordance with the advisory procedure referred to in Article 30(2).</u> moved from line 312		deleted
Article 14(5b)				
312b		<u>The Commission shall issue a consultation strategy, setting out consultation objectives, targeted stakeholders and the consultation activities for the development of the implementing acts.</u>		<u>The Commission shall issue a consultation strategy, setting out consultation objectives, targeted stakeholders and the consultation activities for the development of the implementing acts.</u> Text Origin: EP Mandate

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
Article 15				
313	Article 15 Financial incentives and market barriers	Article 15 Financial incentives, <u>skills</u> and market barriers	Article 15 Financial incentives and market barriers	Article 15 Financial incentives, <u>skills</u> and market barriers Text Origin: EP Mandate
Article 15(1)				
314	1. Member States shall provide appropriate financing, support measures and other instruments able to address market barriers and stimulate the necessary investments in energy renovations in line with their national building renovation plan and with a view to the transformation of their building stock into zero-emission buildings by 2050.	1. Member States shall provide appropriate financing, ~~and~~ support measures ~~and~~ <u>in combination with other Union instruments ~~able~~ such as the Recovery and Resilience Facility, the Social Climate Fund and the cohesion policy funds. They shall ring-fence appropriate amounts in the implementation of Union programmes and in national financing schemes for renovations and dedicate appropriate financing</u> to address market barriers and stimulate the necessary investments in energy renovations in line with their national building renovation plan and with a view to the transformation of their building stock into zero-emission buildings	1. Member States shall provide appropriate financing, support measures and other instruments able to address market barriers and stimulate the necessary investments in energy renovations in line with their national building renovation plan and with a view to the transformation of their building stock into zero-emission buildings by 2050.	1. Member States shall provide appropriate financing, support measures and other instruments able to address market barriers ~~and stimulate~~ <u>in order to deliver</u> the necessary investments ~~in energy renovations in line with identified~~ <u>in</u> their national building renovation plan ~~and with a view to the transformation of~~ <u>to transform</u> their building stock into zero-emission buildings by 2050. 2nd part covered by line 178

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		by 2050 <u>including by promoting and simplifying the use of public-private partnerships.</u>		
Article 15(1a)				
G 314a		<u>Member States shall ensure that application and procedures for financing are simple and streamlined in order to facilitate the access to financing for households.</u>		<u>Member States shall ensure that application and procedures for public financing are simple and streamlined in order to facilitate the access to financing especially for households.</u> Trilogue 12 October
Article 15(1b)				
G 314b		<u>1a. Public financing shall address up-front costs associated with renovations faced by households. Member States shall facilitate the access to affordable bank loans, dedicated credit lines, or fully publicly financed renovations.</u>		<u>1b. Member States shall assess, and where appropriate, address barriers related to up-front costs of renovations.</u> Trilogue 12 October
Article 15(1c)				
G 314c		<u>Financial incentives in the form of grants or guarantees shall take revenue-based parameters into</u>		<u>When designing financial support schemes for building renovation, Member States shall</u>

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>account when allocating financial support to ensure that they target as a priority vulnerable households and people living in social housing, in accordance with Article 22 of Directive (EU) .../.... [recast EED]. Member States shall develop dedicated schemes on energy efficiency renovations, in particular financial measures, and shall ensure that every national financial support programme contains dedicated amounts targeted at vulnerable households, corresponding to their needs. Member States may use the national energy efficiency funds to finance dedicated schemes and programmes pursuant to Article 28 of Directive (EU) .../.... [recast EED].</u> Comment: list of groups of people to be covered should be aligned with Article 22 EED and therefore could be updated based on the final wording on the new EED.	PUBLIC	<u>consider using revenue-based parameters.</u> <u>If set up, Member States may use the national energy efficiency funds to finance dedicated schemes and programmes pursuant to Article 30 of Directive (EU) 2023/1791 for energy performance renovations.</u> Trilogue 12 October
Article 15(2)				
G 315	2. Member States shall take	2. Member States shall take	2. Member States shall take	2. Member States shall take

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	appropriate regulatory measures to remove non-economic barriers to building renovation. With regard to buildings with more than one building unit, such measures may include removing unanimity requirements in co-ownership structures, or allowing co-ownership structures to be direct recipients of financial support.	appropriate regulatory measures to remove non-economic barriers to building renovation. With regard to buildings with more than one building unit, such measures may include removing unanimity requirements in co-ownership structures, <u>adapting the mandate and responsibilities of building managers for the handling of the energy renovation projects</u> , or allowing co-ownership structures to be direct recipients of financial support <u>such as loans and grants</u> .	appropriate regulatory measures to remove non-economic barriers to building renovation. With regard to buildings with more than one building unit, such measures may include removing unanimity requirements in co-ownership structures, or allowing co-ownership structures to be direct recipients of financial support.	appropriate regulatory measures to remove non-economic barriers to building renovation. With regard to buildings with more than one building unit, such measures may include removing unanimity requirements in co-ownership structures, or allowing co-ownership structures to be direct recipients of financial support. Trilogue 12 October Text Origin: COM Proposal incl. RePowerEU
Article 15(3)				
316	3. Member States shall make best cost-effective use of national financing and financing available established at Union level, in particular the Recovery and Resilience Facility, the Social Climate Fund, cohesion policy funds, InvestEU, auctioning revenues from emission trading pursuant to Directive 2003/87/EC [amended ETS] and other public funding sources.	3. Member States shall make best cost-effective use of national financing and financing available established at Union level, in particular the Recovery and Resilience Facility, the Social Climate Fund, cohesion policy funds, InvestEU, auctioning revenues from emission trading pursuant to Directive 2003/87/EC [amended ETS] and other public funding sources. <u>Those funding sources shall be deployed consistently with a path to</u>	3. Member States shall make best cost-effective use of national financing and financing available established at Union level, in particular the Recovery and Resilience Facility, the Social Climate Fund, cohesion policy funds, InvestEU, auctioning revenues from emission trading pursuant to Directive 2003/87/EC [amended ETS] and other public funding sources.	3. Member States shall make best cost-effective use of national financing and financing available established at Union level, in particular the Recovery and Resilience Facility, the Social Climate Fund, cohesion policy funds, InvestEU, auctioning revenues from emission trading pursuant to Directive 2003/87/EC [amended ETS] and other public funding sources. <u>Those funding sources shall be deployed consistently with a path to</u>

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>achieving a zero-emission building stock by 2050.</u>		<u>achieving a zero-emission building stock by 2050.</u> Trilogue 12 October Text Origin: EP Mandate
Article 15(4)				
317	4. To support the mobilisation of investments, Member States shall promote the roll-out of enabling funding and financial tools, such as energy efficiency loans and mortgages for building renovation, energy performance contracting, fiscal incentives, on-tax schemes, on-bill schemes, guarantee funds, funds targeting deep renovations, funds targeting renovations with a significant minimum threshold of targeted energy savings and mortgage portfolio standards. They shall guide investments into an energy efficient public building stock, in line with Eurostat guidance on the recording of Energy Performance Contracts in government accounts.	4. To support the mobilisation of investments, Member States shall ~~promote the roll-out of~~ <u>ensure that enabling funding and financial tools <u>are effectively put in place, namely, such as</u> energy efficiency loans and mortgages for building renovation, energy performance contracting, <u>pay-as-you-save financial schemes</u>, fiscal incentives, <u>including reduced tax rates on renovation works and materials</u>, on-tax schemes, on-bill schemes, guarantee funds, ~~funds targeting deep renovations, funds targeting renovations with a significant minimum threshold of targeted energy savings and mortgage portfolio standards. They shall guide investments into an energy efficient public building stock, in line with Eurostat guidance on the recording of~~</u>	4. To support the mobilisation of investments, Member States shall promote the roll-out of enabling funding and financial tools, such as energy efficiency loans and mortgages for building renovation, energy performance contracting, fiscal incentives, on-tax schemes, on-bill schemes, guarantee funds, funds targeting deep renovations, funds targeting renovations with a significant minimum threshold of targeted energy savings and mortgage portfolio standards. They shall guide investments into an energy efficient public building stock, in line with Eurostat guidance on the recording of Energy Performance Contracts in government accounts.	4. To support the mobilisation of investments, Member States shall promote the ~~roll-out~~ <u>effective development and use</u> of enabling funding and financial tools, such as energy efficiency loans and mortgages for building renovation, energy performance contracting, <u>pay-as-you-save financial schemes</u> , fiscal incentives, <u>for example reduced tax rates on renovation works and materials</u> , on-tax schemes, on-bill schemes, guarantee funds, funds targeting deep renovations, funds targeting renovations with a significant minimum threshold of targeted energy savings and mortgage portfolio standards. They shall guide investments into an energy efficient public building stock, in line with Eurostat guidance on the recording of

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<i><u>Energy Performance Contracts in government accounts mortgage portfolio standards, economic instruments to provide incentives for the application of sufficiency and circular measures, funds targeting deep renovations, and funds targeting renovations with a significant minimum threshold of targeted energy savings and targeted whole life-cycle greenhouse gas emission reductions.</u></i>		Energy Performance Contracts in government accounts. <i><u>Member States may also promote and simplify the use of public-private partnerships.</u></i> Trilogue 12 October
	Article 15(4a)			
317a		<i><u>Member States shall ensure that information about available funding and financial tools is made available to the public in an easily accessible and transparent manner, including by digital means.</u></i>		<i><u>Member States shall ensure that information about available funding and financial tools is made available to the public in an easily accessible and transparent manner, including by digital means.</u></i> Trilogue 12 October Text Origin: EP Mandate
	Article 15(4b)			
317b		<i><u>Member States and the relevant</u></i>		<i><u>The enabling funding and</u></i>

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>financial authorities shall review the applicable legislation and develop supporting measures to facilitate the uptake of renovation loans and energy efficiency mortgages, and the development of innovative lending products dedicated to the financing of deep renovation and staged deep renovation in line with the steps in renovation passports. The Commission and the European Investment Bank shall ensure access to finance at favourable conditions, facilitating the deployment of financial instruments and innovative schemes, such as a EU renovation loan or a European guarantee fund for building renovations. The enabling funding and financial tools shall also guide investments into an energy efficient public building stock, in line with Eurostat guidance on the recording of Energy Performance Contracts in government accounts.</u>		<u>financial tools may include renovation loans or guarantee funds for energy performance renovations, including in combination with relevant EU programmes, where applicable.</u>
	Article 15(4a)			
R	317c	<u>4a. By... /12 months after the date</u>		R

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>of entry into force of this Directive], the Commission shall adopt a delegated act in accordance with Article 29 to supplementing this Directive in order to ensure that mortgage portfolio standards effectively encourage financial institutions to increase volumes provided for renovations, to prescribe supportive measures for financial institutions and necessary safeguards against potential counter-productive lending behaviours such as reducing or refusing access to credit to households living in low energy performance class dwellings, or limiting their mortgage lending to consumers purchasing high energy performance class dwellings.</u>		
Article 15(5), first subparagraph				
318	5. Member States shall facilitate the aggregation of projects to enable investor access as well as packaged solutions for potential clients.	5. Member States shall facilitate the aggregation of projects to enable investor access as well as packaged solutions for potential clients.	5. Member States shall facilitate the aggregation of projects to enable investor access as well as packaged solutions for potential clients.	5. Member States shall facilitate the aggregation of projects to enable investor access as well as packaged solutions for potential clients. Trilogue 12 October

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				Text Origin: COM Proposal incl. RePowerEU
Article 15(5), second subparagraph				
319	Member States shall adopt measures to ensure that energy efficiency lending products for building renovations are offered widely and in a non-discriminatory manner by financial institutions and are visible and accessible to consumers. Member States shall ensure that banks and other financial institutions and investors receive information on opportunities to participate in the financing of the improvement of energy performance of buildings.	Member States shall adopt measures to ensure that energy efficiency <u>and accessibility</u> lending products for building renovations are offered widely and in a non-discriminatory manner by financial institutions and are visible and accessible to consumers. Member States shall ensure that banks and other financial institutions and investors receive information on opportunities to participate in the financing of the improvement of energy performance of buildings.	Member States shall adopt measures to ~~ensure that~~ encourage financial institutions to offer energy efficiency lending products for building renovations ~~are offered widely~~ in a wide, non-discriminatory manner and in a ~~non-discriminatory manner by financial institutions and are~~ way that is both visible and accessible to consumers. Member States shall ensure that banks and other financial institutions and investors receive information on opportunities to participate in the financing of the improvement of energy performance of buildings.	Member States shall adopt measures ~~to ensure that~~ <u>promote</u> energy efficiency lending products for building renovations, <u>such as green mortgages and green loans, secured and unsecured, and ensure that they</u> are offered widely and in a non-discriminatory manner by financial institutions and <u>are</u> visible and accessible to consumers. Member States shall ensure that banks and other financial institutions and investors receive information on opportunities to participate in the financing of the improvement of energy performance of buildings. Trilogue 12 October
Article 15(6)				
320	6. Member States shall ensure the establishment of technical assistance facilities, including	6. Member States shall ~~ensure the establishment of technical assistance facilities~~ <u>monitor the</u>	6. Member States shall ensure the establishment of technical assistance facilities, including	<i>deleted</i>

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	through one-stop-shops, targeting all actors involved in building renovations, including home owners and administrative, financial and economic actors, including small- and medium-sized enterprises.	<u>availability of skills and skilled professionals in accordance with Article 3 and develop measures and financing to promote education and training programmes</u>, including ~~through one-stop-shops, targeting all actors involved in~~ <u>digital technologies, to facilitate the professional requalification of workers and creation of employment opportunities to ensure that there is a sufficient workforce with the appropriate level of skills corresponding to the needs in the building</u> ~~renovations, including home owners and administrative, financial and economic actors, including~~ <u>sector. Member States shall put in place measures to promote participation in such programmes, in particular by microenterprises as well as</u> ~~small-~~ <u>and medium-sized enterprises (SMEs) and with due regard to the gender dimension. One-stop-shops established pursuant to Article 15a may facilitate access to such programmes and the professional reskilling of workers.</u>	through one-stop-shops, targeting all actors involved in building renovations, including home owners and administrative, financial and economic actors, including small- and medium-sized enterprises.	Trilogue 12 October
Article 15(7)				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
321	7. Member States shall put in place measures and financing to promote education and training to ensure that there is a sufficient workforce with the appropriate level of skills corresponding to the needs in the building sector.	7. ~~Member States~~ <u>The Commission</u> shall ~~put in place measures and financing to promote education and training to ensure that there is a sufficient workforce with the appropriate level of skills corresponding to the needs in the building sector~~ <u>develop common Union standards for innovative financial schemes, in particular a pay-as-you-save scheme, setting mandatory minimum requirements for public and private actors.</u>	7. Member States shall put in place measures and financing to promote education and training with a view to ensuring to ensure that there is a sufficient workforce with the appropriate level of skills corresponding to the needs in the building sector.	7. Member States shall put in place measures and financing to promote education and training <u>with a view to ensuring</u> to ensure that there is a sufficient workforce with the appropriate level of skills corresponding to the needs in the building sector, <u>especially targeting microenterprises and small- and medium-sized enterprises, as appropriate.</u> <u>One-stop-shops established pursuant to Article 15a may facilitate access to such measures and financing.</u> Comment: recital added on underrepresented groups in this sector.
Article 15(8)				
322	8. The Commission shall, where appropriate, assist upon request Member States in setting up national or regional financial support programmes with the aim of increasing the energy performance of buildings, especially of existing buildings, by	8. The Commission shall, ~~where appropriate~~ , assist ~~upon request~~ Member States in setting up national or regional financial support programmes with the aim of increasing the energy performance ~~of~~ <u>and reducing greenhouse gas emissions from</u>	8. The Commission shall, where appropriate, assist upon request Member States in setting up national or regional financial support programmes with the aim of increasing the energy performance of— buildings, especially of existing buildings, by	8. The Commission shall, where appropriate, assist upon request Member States in setting up national or regional financial support programmes with the aim of increasing the energy performance of— buildings, especially of existing buildings,

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	supporting the exchange of best practice between the responsible national or regional authorities or bodies.	buildings, especially of existing buildings, <u>including</u> by supporting the exchange of best practice between the responsible national or regional authorities or bodies. <u>To ensure a level playing field and make maximum use of the available investment potential Member States shall ensure that such programmes are developed in a way that is accessible to organisations with lower administrative, financial, and organisational capacities, such as microenterprises and SMEs, energy communities, citizen-led initiatives, local authorities, and energy agencies. Member States shall provide support to local initiatives, such as citizen-led renovation programmes and programmes for renewable of heating and cooling at neighbourhood or municipal level.</u>	supporting the exchange of best practice between the responsible national or regional authorities or bodies.	<u>including</u> by supporting the exchange of best practice between the responsible national or regional authorities or bodies. <u>Member States shall ensure that such programmes are developed in a way that they are accessible to organisations with lower administrative, financial, and organisational capacities</u> A recital will be added on microenterprises and other examples having less capacity. Trilogue 12 October
Article 15(8a)				
322a		<u>8a. Member States shall provide appropriate financing, support measures and other instruments for implementation of research and development results regarding</u>		deleted Trilogue 12 October

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>energy efficient construction systems and materials including manufacturing, in particular by microenterprises and SMEs.</u>		
Article 15(9)				
323	9. Member States shall link their financial measures for energy performance improvements in the renovation of buildings to the targeted or achieved energy savings, as determined by one or more of the following criteria:	9. Member States shall link their financial measures for energy performance—improvements <u>and reduced greenhouse gas emissions</u> in the renovation of buildings to the targeted ~~or~~ <u>and</u> achieved energy savings <u>and improvements</u> , as determined by one or more of the following criteria:	9. Member States shall link their financial measures for energy performance—improvements in the renovation of buildings to the targeted or achieved energy savings, as determined by one or more of the following criteria:	9. Member States shall link their financial measures <u>with due regard to vulnerable households</u> for energy—performance improvements <u>and reduced greenhouse gas emissions</u> in the renovation of buildings to the targeted or achieved energy savings <u>and improvements</u> , as determined by one or more of the following criteria: Trilogue 12 October
Article 15(9), point (a)				
324	(a) the energy performance of the equipment or material used for the renovation; in which case, the equipment or material used for the renovation is to be installed by an installer with the relevant level of certification or qualification and shall comply with minimum energy	(a) the energy performance <u>and greenhouse gas reduction</u> of the equipment or material used for the renovation; in which case, the equipment or material used for the renovation is to be installed by an installer with the relevant level of certification or qualification— <u>and</u>	(a) the energy performance of the equipment or material used for the renovation; in which case, the equipment or material used for the renovation is to be installed by an installer with the relevant level of certification or qualification— and shall comply with minimum energy	(a) the energy performance <u>and greenhouse gas emissions reduction</u> of the equipment or material used for the renovation; in which case, the equipment or material used for the renovation is to be installed by an installer with the relevant level of certification or

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	performance requirements for building elements ;	shall comply with <u>at least</u> minimum energy performance ~~requirements for building elements~~ <u>or higher reference values for improved performance of buildings energy consumption</u> ;	performance requirements for building elements-;	qualification- and shall comply with <u>at least</u> minimum energy performance requirements for building elements- <u>or higher reference values for improved performance of buildings energy consumption</u> ; Trilogue 12 October
Article 15(9), point (b)				
325	(b) standard values for calculation of energy savings in buildings;	(b) standard values for <u>the</u> calculation of energy <u>and</u> <u>greenhouse gas emission</u> savings in buildings;	(b) standard values for calculation of energy savings in buildings;	(b) standard values for <u>the</u> calculation of energy <u>and</u> <u>greenhouse gas emission</u> savings in buildings; Trilogue 12 October Text Origin: EP Mandate
Article 15(9), point (c)				
326	(c) the improvement achieved due to such renovation by comparing energy performance certificates issued before and after renovation;	(c) the improvement achieved due to such renovation by comparing energy performance certificates issued before and after renovation;	(c) the improvement achieved due to such renovation by comparing energy performance certificates issued before and after renovation;	(c) the improvement achieved due to such renovation by comparing energy performance certificates issued before and after renovation; Trilogue 12 October Text Origin: COM Proposal incl. RePowerEU

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	Article 15(9), point (d)			
327	(d) the results of an energy audit;	(d) the results of an energy audit;	(d) the results of an energy audit;	(d) the results of an energy audit; Trilogue 12 October Text Origin: COM Proposal incl. RePowerEU
	Article 15(9), point (e)			
328	(e) the results of another relevant, transparent and proportionate method that shows the improvement in energy performance.	(e) the results of another relevant, transparent and proportionate method that shows the improvement in energy performance, <u>including by comparing the energy consumption before and after renovation with smart metering systems.</u>	(e) the results of another relevant, transparent and proportionate method that shows the improvement in energy performance.	(e) the results of another relevant, transparent and proportionate method that shows the improvement in energy performance, <u>for example by comparing the energy consumption before and after renovation with metering systems, provided it complies with requirements in Annex I.</u> Trilogue 12 October
	Article 15(9), point (ea)			
328a		<u>Requirements set out in this paragraph shall not apply to financing dedicated to vulnerable households.</u>		deleted Trilogue 12 October

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	Article 15(10)			
329	10. From 1 January 2027 at the latest, Member States shall not provide any financial incentives for the installation of boilers powered by fossil fuels, with the exception of those selected for investment, before 2027, in accordance with Article 7(1)(h)(i) third hyphen of Regulation (EU) 2021/1058 of the European Parliament and the Council¹ on the European Regional Development Fund and on the Cohesion Fund and with Article 73 of Regulation (EU) 2021/2115 of the European Parliament and the Council² on the CAP Strategic Plans. 1. Regulation (EU) 2021/1058 of the European Parliament and of the Council of 24 June 2021 on the European Regional Development Fund and on the Cohesion Fund (OJ L 231, 30.6.2021, p. 60). 2. Regulation (EU) 2021/2115 of the European Parliament and of the Council of 2 December 2021 establishing rules on support for strategic plans to be drawn up by Member States under the common agricultural policy (CAP Strategic Plans) and financed by the European Agricultural Guarantee Fund (EAGF) and by the	10. From 1 January ~~2027~~2024 at the latest, Member States shall not provide any financial incentives for the installation of boilers ~~powered by using~~ fossil fuels, ~~with the exception of those selected for investment, before 2027, in accordance with Article 7(1)(h)(i) third hyphen of Regulation (EU) 2021/1058 of the European Parliament and the Council¹ on the European Regional Development Fund and on the Cohesion Fund and with Article 73 of Regulation (EU) 2021/2115 of the European Parliament and the Council² on the CAP Strategic Plans.~~ ~~1. Regulation (EU) 2021/1058 of the European Parliament and of the Council of 24 June 2021 on the European Regional Development Fund and on the Cohesion Fund (OJ L 231, 30.6.2021, p. 60).~~ ~~2. Regulation (EU) 2021/2115 of the European Parliament and of the Council of 2 December 2021 establishing rules on support for strategic plans to be drawn up by Member States under the common agricultural policy (CAP Strategic Plans) and financed by the European Agricultural Guarantee Fund (EAGF) and by the~~	10. From 1 January ~~2027~~2025 at the latest, Member States shall not provide any financial incentives for the installation of boilers powered by fossil fuels, with the exception of those selected for investment, before ~~2027~~2025, in accordance with Article 7(1)(h)(i) third hyphen of Regulation (EU) 2021/1058 of the European Parliament and the Council¹ on the European Regional Development Fund and on the Cohesion Fund and with Article 73 of Regulation (EU) 2021/2115 of the European Parliament and the Council² on the CAP Strategic Plans. 1. Regulation (EU) 2021/1058 of the European Parliament and of the Council of 24 June 2021 on the European Regional Development Fund and on the Cohesion Fund (OJ L 231, 30.6.2021, p. 60). 2. Regulation (EU) 2021/2115 of the European Parliament and of the Council of 2 December 2021 establishing rules on support for strategic plans to be drawn up by Member States under the common agricultural policy (CAP Strategic Plans) and financed by the European Agricultural Guarantee Fund (EAGF) and by the	10. From 1 January ~~2027~~2025 at the latest, Member States shall not provide any financial incentives for the installation of <u>stand-alone</u> boilers powered by fossil fuels, with the exception of those selected for investment, before ~~2027~~2025, in accordance with <u>Regulation (EU) 2021/241 of the European Parliament and of the Council of 12 February 2021 establishing the Recovery and Resilience Facility</u>, Article 7(1)(h)(i) third hyphen of Regulation (EU) 2021/1058 of the European Parliament and the Council¹ on the European Regional Development Fund and on the Cohesion Fund and with Article 73 of Regulation (EU) 2021/2115 of the European Parliament and the Council² on the CAP Strategic Plans. 1. Regulation (EU) 2021/1058 of the European Parliament and of the Council of 24 June 2021 on the European Regional Development Fund and on the Cohesion Fund (OJ L 231, 30.6.2021, p. 60). 2. Regulation (EU) 2021/2115 of the

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	European Agricultural Fund for Rural Development (EAFRD) and repealing Regulations (EU) No 1305/2013 and (EU) No 1307/2013 (OJ L 435, 6.12.2021, p. 1).	~~European Agricultural Fund for Rural Development (EAFRD) and repealing Regulations (EU) No 1305/2013 and (EU) No 1307/2013 (OJ L 435, 6.12.2021, p. 1).~~	European Agricultural Fund for Rural Development (EAFRD) and repealing Regulations (EU) No 1305/2013 and (EU) No 1307/2013 (OJ L 435, 6.12.2021, p. 1).	European Parliament and of the Council of 2 December 2021 establishing rules on support for strategic plans to be drawn up by Member States under the common agricultural policy (CAP Strategic Plans) and financed by the European Agricultural Guarantee Fund (EAGF) and by the European Agricultural Fund for Rural Development (EAFRD) and repealing Regulations (EU) No 1305/2013 and (EU) No 1307/2013 (OJ L 435, 6.12.2021, p. 1). Plus: to add the following sentence to Article 32 on transposition: Member States shall bring into force the laws, regulations and administrative provisions necessary to comply with Article 15(10) by 1 January 2025. Trilogue 12 October
	Article 15(11), first subparagraph			
330	11. Member States shall incentivise deep renovation and sizeable programmes that address a high number of buildings and result in an overall reduction of at least 30 % of primary energy demand with higher financial, fiscal, administrative and technical support.	11. Member States shall incentivise deep renovation and sizeable programmes that address a high number of buildings, <u>in particular the worst-performing buildings, including through integrated district renovation programmes</u> and result in an overall reduction of at least ~~30~~ 60 % of primary energy demand with	11. Member States shall incentivise deep renovation, staged deep renovation and sizeable programmes that address a high number of buildings and result in an overall reduction of at least 30 % of primary energy ~~demand~~ use with higher financial, fiscal, administrative and technical support.	11. Member States shall incentivise deep renovation and <u>staged deep renovation with higher financial, fiscal, administrative and technical support. Where it is technically and economically not feasible to transform a building into a zero-emission building, a renovation resulting in at least a 60%</u>

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		~~higher~~ increasing financial, fiscal, administrative and technical support- <u>according to the level of performance achieved, with the higher financial participation reserved for deep renovations or for the groups referred to in paragraph 1a.</u>		<u>reduction of primary energy use shall be considered a deep renovation for the purposes of this paragraph. Member States shall incentivise</u> sizeable programmes that address a high number of buildings, <u>in particular the worst-performing buildings, such as through integrated district renovation programmes, and that</u> ~~and~~ result in an overall reduction of at least ~~30 %~~ 30% of primary energy ~~demand~~ use with higher financial, fiscal, administrative and technical support- <u>, according to the level of performance achieved.</u> Trilogue 12 October
Article 15(11), second subparagraph				
331	Member States shall ensure that a staged deep renovation which receives public financial incentives follows the steps set out in a renovation passport.	deleted	deleted	deleted
Article 15(11a)				
331a		<u>11a. Member States shall complement the promotion of</u>		<u>. Without prejudice to their national economic and social</u>

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>financial incentives with policies and measures to avoid eviction because of renovation.</u>		<u>policies and to their systems of property law Member States shall address eviction of vulnerable households caused by disproportionate rent increases following energy renovation of their dwelling.</u> Trilogue 12 October
Article 15(12)				
332	12. Financial incentives shall target as a priority vulnerable households, people affected by energy poverty and people living in social housing, in line with Article 22 of Directive (EU) .../.... [recast EED].	<i>deleted</i>	12. Financial incentives shall target as a priority vulnerable households, people affected by energy poverty and people living in social housing, in line with Article 22 of Directive (EU) .../.... [recast EED].	12. Financial incentives shall target as a priority vulnerable households, people affected by energy poverty and people living in social housing, in line with Article ~~22~~ ²⁴ of Directive (EU) ~~.../....~~ ~~freecast EED~~ ^{2023/1791} . To consider - if to amend recital 46. EP+COM to provide drafting. Trilogue 12 October
Article 15(13)				
333	13. When providing financial incentives to owners of buildings or building units for the renovation of rented buildings or building	13. When providing financial incentives to owners of buildings or building units for the renovation of rented buildings or building	13. When providing financial incentives to owners of buildings or building units for the renovation of rented buildings or building	13. When providing financial incentives to owners of buildings or building units for the renovation of rented buildings or building

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	units, Member States shall ensure that the financial incentives benefit both the owners and the tenants, in particular by providing rent support or by imposing caps on rent increases.	units, Member States shall ensure that the financial incentives benefit both the owners and the tenants. <u>Member States shall introduce effective social safeguards, to protect</u> , in particular <u>vulnerable households, including</u> by providing rent support or by imposing caps on rent increases, <u>or by introducing a pay-as-you-save financial scheme for rent increases, ensuring that the rent increase does not exceed the savings on energy bills due to renovation energy savings.</u>	units, Member States shall ~~ensure~~ ~~that the~~ ~~aim at~~ financial incentives ~~benefit~~ <u>benefiting</u> both the owners and the tenants, in particular by providing rent support or by imposing caps on rent increases.	units, Member States shall ~~ensure~~ ~~that the~~ ~~aim at~~ financial incentives ~~benefit~~ <u>benefiting</u> both the owners and the tenants. <u>Member States shall introduce effective safeguards, to protect</u> , in particular <u>vulnerable households, including</u> by providing rent support or by imposing caps on rent increases, <u>and may incentivise financial schemes to tackle the upfront costs with renovations, such as on-bill schemes, pay-as-you-save schemes or energy performance contracting, as referred to in [Art 29 EED, + definition in Art 2 EED].</u> EED reference to be added. Trilogue 12 October
Article 15(13a)				
G 333a		<u>13a. Member States shall take appropriate measures to remove regulatory, statutory, and administrative barriers to the scaling up housing cooperatives, including not-for-profit cooperatives. Member States shall ensure the eligibility of such</u>		<i>deleted</i> PLUS - a voluntary clause to be added in Art 3. Trilogue 12 October

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u><i>housing cooperatives and integrated districts for financial incentives. The Commission shall facilitate the exchange of best practices among Member States on the creation of an operational status for not-for-profit housing cooperatives and shall provide guidance on measures to streamline their introduction.</i></u>		
Article 15(13b)				
333b		<u><i>Article 15a</i></u> <u><i>One-stop-shops for energy efficiency in buildings</i></u>		<u><i>Article 15a</i></u> <u><i>One-stop-shops for energy performance of buildings</i></u> Trilogue 12 October
Article 15(13c)				
333c		<u><i>1. Member States shall ensure the establishment of technical assistance facilities, including through inclusive one-stop-shops for energy efficiency in buildings, targeting all actors involved in building renovations, including home owners and administrative, financial and economic actors, including microenterprises and</i></u>		<u><i>1. Member States shall, in cooperation with competent authorities, and, where appropriate, private stakeholders, ensure the establishment and the operation of technical assistance facilities, including through inclusive one-stop-shops for energy performance of buildings, targeting all actors involved in</i></u>

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>SMEs. Member States shall ensure that the technical assistance facilities are equally available across their territory depending on population distribution by establishing at least one one-stop-shop per region and in any event per 45 000 inhabitants.</u>	PUBLIC	<u>building renovations, including home owners and administrative, financial and economic actors, including microenterprises and small- and medium-sized enterprises.</u> <u>Member States shall ensure that technical assistance facilities are available across their territory by establishing at least one one-stop-shop:</u> <u>(a) per 80 000 inhabitants, or</u> <u>(b) per region, or</u> <u>(c) in areas where the average age of the building stock is above the national average, or</u> <u>(d) in areas where Member States aim to implement integrated district renovation programmes, or</u> <u>(e) in a location that can be reached within less than 90 minutes of average travel distance.</u> <u>Member States may designate the one-stop shops established pursuant to Article 21(2a) of Directive (EU).../... [recast EED] as one-stop shops for the purposes of this Article.</u> [Corresponding to Council /

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				Commission line 320.] Trilogue 12 October
Article 15(13d)				
333d		<u>The Commission shall cooperate with the European Investment Bank, Member States and regions to facilitate the functioning and continuity of funding of one-stop-shops for energy efficiency in buildings until at least 31 December 2029.</u>		deleted Trilogue 12 October
Article 15(13e)				
333e		<u>2. Member States shall cooperate with relevant regional and local authorities as well as private stakeholders for the purpose of establishing one-stop shops for energy efficiency in buildings at national, regional and local levels. Member States may designate the one-stop shops established pursuant to Article 21(2a) of Directive (EU).../... [recast EED] as one-stop shops for the purposes of this Article.</u>		<u>2. Those facilities shall:</u> <u>(a) advise with streamlined information on technical and financial possibilities and solutions to households, SMEs, microenterprises, public bodies;</u> <u>(b) provide holistic support to all households, with a particular focus on households affected by energy poverty and on worst performing buildings, as well as to accredited companies and installers providing retrofit services, adapted to different</u>

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				<u>housing typologies and geographical scope, and provide support covering the different stages of the retrofit project.</u> <u>Member States may designate the one-stop shops established pursuant to Article 21(2a) of Directive (EU) 2023/1791 as one-stop shops for the purposes of this Article.</u> Trilogue 12 October
Article 15(13f)				
333f		<u>One-stop shops for energy efficiency in buildings shall be independent public entities, cross-sectorial and interdisciplinary and shall provide their service free of charge for the users. They shall provide tailor made advice to different target groups on energy efficiency in buildings and may accompany integrated district renovation programs. One-stop shops may cooperate with private actors that provide and promote services relevant for energy renovation, such as financing solutions and the execution of</u>		<u>One-stop shops for energy performance of buildings shall provide independent advice on energy performance of buildings and may accompany integrated district renovation programs.</u> Trilogue 12 October

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>energy renovations and, where appropriate, that connect potential projects, in particular smaller-scale projects, with market actors.</u>		
Article 15(13g)				
G	333g	<u>To facilitate the establishment and services of one-stop shops for energy efficiency in buildings, Member States shall review their public procurement rules for energy efficiency renovations tendering.</u>		deleted Trilogue 12 October
Article 15(13h)				
G	333h	<u>One-stop shops shall support locally developed projects by providing technical, administrative and financial advice and assistance, such as:</u>		deleted Trilogue 12 October
Article 15(13i)				
G	333i	<u>(a) providing legal assistance, reinforced protection to overcome split-incentives in privately rented homes, streamlined information on technical support, tailor-made</u>		deleted Trilogue 12 October

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>financial assistance and available funding opportunities in particular grant and subsidy schemes, and solutions to households, microenterprises and SMEs, and public bodies;</u>		
Article 15(13j)				
G	333j	<u>(b) connecting potential projects, in particular smaller-scale projects, with market actors;</u>		deleted Trilogue 12 October
Article 15(13k)				
G	333k	<u>(c) advising on energy consumption behaviour with the aim of actively engaging the consumers, providing access to affordable energy offers;</u>		deleted Trilogue 12 October
Article 15(13l)				
G	333l	<u>(d) providing information and access to training programmes and education, including for local authorities and social services to provide technical assistance, to ensure more energy efficiency</u>		deleted Trilogue 12 October

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>professionals and to re-skill and up-skill professionals in order to meet the market needs;</u>		
Article 15(13m)				
333m		<u>(e) collecting and submitting typology aggregated data to the Commission from energy efficiency projects, facilitated by the one-stop shops., which shall be published by the Commission in a report by ... [date of transposition] and every two years thereafter in order to exchange knowledge and enhance cross-border cooperation between Member States for the purpose of promoting best practice examples from different building, housing and enterprise typologies;</u>		deleted Trilogue 12 October
Article 15(13n)				
333n		<u>(f) supporting awareness-raising activities, including information on incentives for regulating indoor environmental quality and installing the necessary devices during major renovations;</u>		deleted Trilogue 12 October

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
Article 15(13o)				
333o		<u>(g) providing and developing holistic support to all households, with a special attention to vulnerable households and to people living in social housing as well as to those with health problems linked to the worst-performing buildings, as well as to accredited companies and installers providing renovation services, adapted to different housing typologies and geographical scope, and providing support covering the different stages of the renovation project in particular to facilitate the implementation of the minimum energy performance standards laid down in Article 9;</u>		deleted Trilogue 12 October
Article 15(13p)				
333p		<u>(h) providing information on accessibility, availability of renewable energy self consumption, renewable energy communities and other alternatives to fossil heating and cooling in buildings, and information on materials and</u>		deleted Trilogue 12 October

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>solutions on energy efficiency, energy storage and renewable energy technologies for buildings;</u>		
Article 15(13q)				
333q		<u>(i) supporting engagement with relevant local stakeholders and citizens in the evaluation of the impact of minimum energy performance standards on housing affordability and quality.</u>		deleted Trilogue 12 October
Article 15(13r)				
333r		<u>Member States shall cooperate with local and regional authorities to encourage cooperation among public bodies, energy agencies and community-led initiatives and to promote, develop and up scale one-stop shops through an integrated process. The Commission shall provide guidelines to Member States to develop those one-stop shops with the aim of creating a harmonised approach throughout the Union.</u>		<u>The one-stop shops shall offer dedicated services for people affected by energy poverty, vulnerable households and people in low-income households. The Commission shall provide guidelines to develop those one-stop shops in accordance with Article 22(6) of the Directive (EU) 2023/1791.</u> aligned with Art 22 § 6 EED Trilogue 12 October
Article 16				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
334	Article 16 Energy performance certificates	Article 16 Energy performance certificates	Article 16 Energy performance certificates	Article 16 Energy performance certificates Trilogue 12 October Text Origin: COM Proposal incl. RePowerEU
Article 16(1), first subparagraph				
335	1. Member States shall lay down the necessary measures to establish a system of certification of the energy performance of buildings.	<i>deleted</i>	1. Member States shall lay down the necessary measures to establish a system of certification of the energy performance of buildings.	1. Member States shall lay down the necessary measures to establish a system of certification of the energy performance of buildings. Trilogue 12 October Text Origin: COM Proposal incl. RePowerEU
Article 16(1), second subparagraph				
336	The energy performance certificate shall include the energy performance of a building expressed by a numeric indicator of primary energy use in kWh/(m ² .y), and reference values such as minimum energy performance requirements , minimum energy performance	<u>1.</u> The energy performance certificate shall include the energy performance of a building expressed by a numeric indicator of primary <u>and final</u> energy use in ~~kWh/(m².y),~~ kWh/(m ² .y), and the <u>life-cycle GWP by a numeric indicator of whole life-cycle greenhouse gas emissions in</u>	The energy performance certificate shall include the energy performance of a building expressed by a numeric indicator of primary energy use in kWh/(m ² .y),– and reference values such as minimum energy performance requirements–, minimum energy performance	The energy performance certificate shall include the energy performance of a building expressed by a numeric indicator of primary energy use in kWh/(m ² .y),– and reference values such as minimum energy performance requirements–, minimum energy performance

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	standards, nearly zero-energy building requirements and zero-emission building requirements, in order to make it possible for owners or tenants of the building or building unit to compare and assess its energy performance.	<u>kgCO₂eq/(m²)</u> and reference values such as minimum energy performance requirements–, minimum energy performance standards, nearly zero-energy building requirements and zero-emission building requirements, in order to make it possible for owners or tenants of the building or building unit to compare and assess its energy performance. <u>The energy performance certificate shall include additional numeric indicators, in particular total annual energy consumption (kWh/year), annual energy needs for heating, cooling, ventilation and hot water, energy consumption per square metre per year (kWh/(m².y), annual non-renewable primary energy use in kWh/(m².y), and final energy for heating, cooling, domestic hot water, ventilation, built-in lighting and other building services, and may include additional efficiency and safety requirements for appliances.</u>	standards, nearly zero-energy building requirements and zero-emission building requirements, in order to make it possible for owners or tenants of the building or building unit to compare and assess its energy performance.	standards, nearly zero-energy building requirements and zero-emission building requirements, in order to make it possible for owners or tenants of the building or building unit to compare and assess its energy performance. Trilogue 12 October
	Article 16(1a)(2)			
337	2. By 31 December 2025 at the	2. By 31 December 2025 ~~at the~~	21a. By Energy performance	2. By ~~31 December 2025 at the~~

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	latest, the energy performance certificate shall comply with the template in Annex V. It shall specify the energy performance class of the building, on a closed scale using only letters from A to G. The letter A shall correspond to zero-emission buildings as defined in Article 2, point (2) and the letter G shall correspond to the 15% worst-performing buildings in the national building stock at the time of the introduction of the scale. Member States shall ensure that the remaining classes (B to F) have an even bandwidth distribution of energy performance indicators among the energy performance classes. Member States shall ensure a common visual identity for energy performance certificates on their territory.	~~latest~~, the energy performance certificate shall comply with the template in Annex V. ~~It shall specify the energy performance class of the building, on a closed scale using only letters from A to G. The letter A shall correspond to zero-emission buildings as defined in Article 2, point (2) and the letter G shall correspond to the 15% worst-performing buildings in the national building stock at the time of the introduction of the scale. Member States shall ensure that the remaining classes (B to F) have an even bandwidth distribution of energy performance indicators among the energy performance classes. Member States shall ensure a common visual identity for energy performance certificates on their territory.~~ Comment: EP moves part of the text to other lines, notably in line 337h.	~~certificates issued after 31 December 2025-2026~~ at the latest, ~~the energy performance certificate~~ shall comply with the template in Annex V. ~~It~~They shall specify the energy performance class of the building, on a closed scale using only letters from A to G. ~~The letter A shall correspond to~~In addition Member States shall define A⁰ energy performance class that corresponds to zero-emission buildings as defined in Article 2, point (2) and the letter G shall correspond to ~~the 15%-worst-performing buildings in the national building stock at the time of the introduction of the scale. Member States shall ensure that the remaining~~which have rescaled their energy performance classes (B to F) have an even bandwidth distribution of energy performance indicators among the energy performance classes. Member States shall ensure a common visual identity for energy performance certificates on their territory on or after 1 January 2019 and before the date of entry into force of this Directive, may postpone the application of the obligation under this paragraph	~~latest~~<u>[date of transposition]</u>, the energy performance certificate shall comply with the template in Annex V. It shall specify the energy performance class of the building, on a closed scale using only letters from A to G. The letter A shall correspond to zero-emission buildings as defined in Article 2, point (2) and the letter G shall correspond to the ~~15%~~<u>very</u> worst-performing buildings in the national building stock at the time of the introduction of the scale. Member States ~~that, at the date of transposition, already designate zero-emission buildings as “A0” may continue to use this designation. Member States~~ shall ensure that the remaining classes (B to F) have an ~~even~~ <u>bandwidth appropriate</u> distribution of energy performance indicators among the energy performance classes. Member States ~~shall ensure a common visual identity for which have rescaled their energy performance classes on or after 1 January 2019 and before the date of entry into force of this Directive, may postpone the~~

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
			until 31 December 2029 and update their performance classes for the application of article 9(2) third subparagraph.	<u>rescaling of their</u> energy performance ~~certificates on their territory~~ <u>classes until 31 December 2029.</u> Technical adjustment pending. In those cases that A0 is used, A cannot be ZEB. Trilogue 12 October
Article 16(1a), (2) a				
G 337a			Member States may define an A+ energy performance class corresponding to buildings which in addition to being zero emission buildings also make a positive net annual contribution to the energy grid from on-site renewables, calculated in terms of total primary energy (excluding ambient heat).	<u>Member States may define an A+ energy performance class corresponding to buildings with a maximum threshold for energy demand which is at least twenty percent lower than the maximum threshold for zero-emission buildings, and which generates more renewable energy on-site annually than its total annual primary energy demand. For existing buildings renovated to A+ class, Member States shall ensure that the life-cycle Global Warming Potential (GWP) is estimated and disclosed through the energy performance certificate of the building.</u>

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
Article 16(1b)				
337b			Member States shall ensure a common visual identity for energy performance certificates on their territory.	<u><i>1b. Member States shall ensure a common visual identity for energy performance certificates on their territory.</i></u> Trilogue 12 October
Article 16(1a), (2) b				
337c		<u><i>The letter G shall correspond to the 15% worst-performing buildings in the national building stock at the time of the introduction of the scale. Member States shall ensure that the remaining classes A to F have an even bandwidth distribution of energy performance indicators among the energy performance classes. Member States shall ensure a common visual identity for energy performance certificates on their territory.</i></u>		<i>deleted</i> Trilogue 12 October
Article 16(1a), (2) c				
337d		<u><i>2a. Member States may finance the roll out of energy performance certificates as a measure under</i></u>		<i>deleted</i>

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>Article 8 of Directive (EU)/.... [recast EED].</u>		Trilogue 12 October
Article 16(1a), (2) d				
337e		<u>2b. Member States shall compile a register of energy performance certificates in accordance with Article 19, including in order to facilitate integrated district renovation schemes in line with the Union's climate objectives.</u>		discussed in connection with Art 19
Article 16(1a), (2) e				
337f		<u>By way of derogation from the first subparagraph, Member States that have revised their system of certification of the energy performance of buildings between 1 January 2019 and ... [date of entry into force of this Directive], may continue to use that system to comply with Article 9(1), and may determine their worst-performing buildings using data from their building stock between 1 January 2019 and ... [date of entry into force of this Directive] as a baseline, renovating at least the equivalent</u>		deleted Trilogue 12 October

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>number or the equivalent useful floor area of worst-performing buildings identified in Article 9(1a), or the equivalent level of energy performance improvement. Where a Member State benefits from the derogation provided for in the second subparagraph, it shall, by 1 January 2030, update its performance classes in accordance with the first subparagraph on the basis of the performance of their national building stock between 1 January 2019 and ... [date of entry into force of this Directive].</u>		
Article 16(1a), (2) f				
337g		<u>Pursuant to the first subparagraph of this paragraph, Member States shall specify the energy performance class of the building, on a closed scale using only letters A to G. The letter A shall correspond to zero emission buildings as defined in Article 2, point (2). Member States may define an A+ energy performance class for buildings that meet all of the following conditions:</u>		deleted Trilogue 12 October

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
Article 16(1a), (2) g				
337h		<u>(a) high efficiency standards with energy needs for heating, cooling, ventilation and hot water no higher than 15 kWh/m²/year;</u>		deleted Trilogue 12 October
Article 16(1a), (2) h				
337i		<u>(b) higher production of kWh renewable energy on-site, based on a monthly average;</u>		deleted Trilogue 12 October
Article 16(1a), (2) i				
337j		<u>(c) carbon positivity regarding the building's life-cycle GWP including building materials and energy installations during manufacturing, installation, use, maintenance, and demolition.</u>		deleted Trilogue 12 October
Article 16(3)				
338	3. Member States shall ensure the quality, reliability and affordability of energy performance certificates. They shall ensure that energy performance certificates are issued	3. Member States shall ensure the quality, reliability and affordability of energy performance certificates. They shall ensure that energy performance certificates are	3. Member States shall ensure the quality, reliability and affordability of energy performance certificates. They shall ensure that energy performance certificates are issued	3. Member States shall ensure the quality, reliability and affordability of energy performance certificates. <u>Member States shall take</u>

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	by independent experts following an on-site visit.	<u>affordable and at no cost for vulnerable households and</u> issued by independent experts following an on-site visit. <u>The energy performance certificates shall be clear and easily legible and be available in a machine-readable format and in accordance with Annex V.</u>	in accordance with article 17 (1) and by independent experts following ~~based on~~ an on-site visit, which may be carried out by virtual means, when appropriate.	<u>measures to ensure that energy performance certificates are affordable and shall consider providing financial support for vulnerable households.</u> <u>Member States</u> ~~They~~ shall ensure that energy performance certificates are issued <u>in accordance with article 17 (1) and</u> by independent experts ~~following~~ <u>based on</u> an on-site visit, <u>which may be carried out, where appropriate, by virtual means with visual checks.</u> <u>The energy performance certificates shall be clear and easily legible and be available in a machine-readable format and in accordance with Annex V.</u> Trilogue 12 October
Article 16(4), first subparagraph				
339	4. The energy performance certificate shall include recommendations for the cost-effective improvement of the energy performance and the reduction of operational greenhouse gases emissions of a	4. The energy performance certificate shall include recommendations for the ~~cost-effective~~ <u>cost effective</u> improvement of the energy performance– <u>to cost optimal level</u> and the reduction of ~~operational~~ <u>whole life-cycle</u>	4. The energy performance certificate shall include recommendations for the cost-effective improvement of the energy performance– and the reduction of operational greenhouse gases emissions– of a	4. The energy performance certificate shall include recommendations for the cost-effective improvement of the energy performance– and the reduction of operational greenhouse gases emissions– <u>and</u>

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	building or building unit, unless the building or building unit already complies with the relevant zero-emission building standard .	greenhouse gases emissions ~~—~~ , <u>the improvement of indoor environmental quality</u> of a building or building unit, <u>and recommendations to improve the smart readiness level pursuant to Article 13</u> , unless ~~—~~ the building or building unit already complies with the relevant zero-emission building standard ~~—~~ .	building or building unit, unless the building or building unit already complies at least with the ~~relevant zero-emission building standard—~~ energy performance class A ⁰ .	<u>the improvement of indoor environment quality</u> of a building or building unit, unless ~~—~~ the building or building unit already ~~complies with the relevant zero-emission building standard~~ <u>achieves at least energy performance class A</u> . Trilogue 12 October
Article 16(4), second subparagraph				
340	The recommendations included in the energy performance certificate shall cover:	The recommendations included in the energy performance certificate shall cover:	The recommendations included in the energy performance certificate shall cover:	The recommendations included in the energy performance certificate shall cover: Trilogue 12 October Text Origin: COM Proposal incl. RePowerEU
Article 16(4), second subparagraph, point (a)				
341	(a) measures carried out in connection with a major renovation of the building envelope or technical building system or systems ; and	(a) measures carried out in connection with a major renovation of the building envelope or technical building ~~system or~~ systems ~~—~~ ; and	(a) measures carried out in connection with a major renovation of the building envelope or technical building system— or systems ~~—~~ ; and ;	(a) measures carried out in connection with a major renovation of the building envelope or technical building system ~~—~~ or systems ; and Trilogue 12 October

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				Text Origin: COM Proposal incl. RePowerEU
Article 16(4), second subparagraph, point (b)				
342	(b) measures for individual building elements independent of a major renovation of the building envelope or technical building system or systems .	(b) measures for individual building elements independent of a major renovation of the building envelope or technical building ~~system or~~ systems-.	(b) measures for individual building elements independent of a major renovation of the building envelope or technical building system- or systems-.	(b) measures for individual building elements independent of a major renovation of the building envelope or technical building system- or systems-. Trilogue 12 October Text Origin: COM Proposal incl. RePowerEU
Article 16(4), second subparagraph, point (ba)				
342a			4a. When Member States choose to integrate a renovation passport in accordance with Article 10(2), the renovation passport shall substitute the recommendations according to Article 16 (4).	<u>4a. When Member States choose to integrate a renovation passport in accordance with Article 10(2), the renovation passport shall substitute the recommendations according to Article 16 (4).</u> Trilogue 12 October Text Origin: Council Mandate
Article 16(5)				
343				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	5. The recommendations included in the energy performance certificate shall be technically feasible for the specific building and shall provide an estimate for the energy savings and the reduction of operational greenhouse gas emissions. They may provide an estimate for the range of payback periods or cost-benefits over its economic lifecycle.	5. The recommendations included in the energy performance certificate shall be technically feasible for the specific building and shall provide an estimate for the energy savings and the reduction of operational greenhouse gas emissions <u>over the expected service life of the building and the improvement of indoor environmental quality performance indicators</u> . They may provide an estimate for the range of payback periods or cost-benefits over its economic lifecycle <u>and information on available financial incentives, administrative and technical assistance along with financial benefits, which are broadly associated with the achievement of the reference values. Once the relevant reporting mechanisms and targets set out in Articles 7, 8 and 11a are in force, the energy performance certificate shall include relevant recommendations</u> .	5. The recommendations included in the energy performance certificate shall be technically feasible for the specific building and shall provide an estimate for the energy savings and the reduction of operational greenhouse gas emissions. They may provide an estimate for the range of payback periods or cost-benefits over its economic lifecycle.	5. The recommendations included in the energy performance certificate shall be technically feasible for the specific building and shall provide an estimate for the energy savings and the reduction of operational greenhouse gas emissions. They may provide an estimate for the range of payback periods or cost-benefits over its economic lifecycle <u>and information on available financial incentives, administrative and technical assistance along with financial benefits, which are broadly associated with the achievement of the reference values</u> . Trilogue 12 October
	Article 16(6)			
344	6. The recommendations shall include an assessment of whether	6. The recommendations shall include an assessment of <u>the</u>	6. The recommendations shall include an assessment of whether	6. The recommendations shall include an assessment of whether

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	the heating or air-conditioning system can be adapted to operate at more efficient temperature settings, such as low temperature emitters for water based heating systems, including the required design of thermal power output and temperature/flow requirements.	<u>remaining lifespan of the space heating systems and the air conditioning systems, and an assessment of whether the space and water heating or air-conditioning</u> air conditioning system can be adapted to operate at more efficient temperature settings, such as low temperature emitters for water based heating systems, including the required design of thermal power output and temperature/flow requirements.	the heating or air-conditioning system can be adapted to operate at more efficient temperature settings, such as low temperature emitters for water based heating systems, including the required design of thermal power output and temperature/flow requirements.	the heating, <u>ventilation, ~~or~~ air-conditioning system and domestic hot water systems</u> can be adapted to operate at more efficient temperature settings, such as low temperature emitters for water based heating systems, including the required design of thermal power output and temperature/flow requirements. Trilogue 12 October
Article 16(6a)				
344a		<u>6a. The recommendations shall indicate possible alternatives for the replacement of the technical building systems for heating and cooling where relevant, in line with the 2030 and 2050 climate targets, suitable to that type of building and taking into account local and system-related circumstances.</u>		<u>6a. The recommendations shall include an assessment of the remaining lifespan of the heating and/or air conditioning systems. Where relevant, the recommendations shall indicate possible alternatives for the replacement of the heating and/or air-conditioning system, in line with the 2030 and 2050 climate targets, taking into account local and system-related circumstances.</u> Trilogue 12 October
Article 16(7)				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
345	7. The energy performance certificate shall provide an indication as to where the owner or tenant can receive more detailed information, including as regards the cost-effectiveness of the recommendations made in the energy performance certificate. The evaluation of cost effectiveness shall be based on a set of standard conditions, such as the assessment of energy savings and underlying energy prices and a preliminary cost forecast. In addition, it shall contain information on the steps to be taken to implement the recommendations. Other information on related topics, such as energy audits or incentives of a financial or other nature and financing possibilities , or advice on how to increase the climate resilience of the building, may also be provided to the owner or tenant.	7. The energy performance certificate shall provide an indication ~~as to~~, where the owner or tenant can receive more detailed information, including as regards the ~~cost-effectiveness~~<u>cost optimality</u> of the recommendations made in the energy performance certificate, <u>and the contact information and address of the closest one-stop shop established pursuant to Article 15a</u>. The evaluation of cost ~~effectiveness~~<u>optimality</u> shall be based on a set of standard conditions <u>in accordance with Article 6</u>, such as the assessment of energy savings and underlying energy prices and a preliminary cost forecast. In addition, it shall contain information on the steps to be taken to implement the recommendations, <u>and on any available financial support</u>. Other information on related topics, such as energy audits or incentives of a financial or other nature and financing possibilities–, or advice on how to increase the climate resilience of the building <u>and the safety of installed appliances</u>, may also be provided to the owner	7. The energy performance certificate shall provide an indication as to where the owner or tenant can receive more detailed information, including as regards the cost-effectiveness of the recommendations made in the energy performance certificate. The evaluation of cost effectiveness shall be based on a set of standard conditions, such as the assessment of energy savings and underlying energy prices and a preliminary cost forecast. In addition, it shall contain information on the steps to be taken to implement the recommendations. Other information on related topics, such as energy audits or incentives of a financial or other nature and financing possibilities–, or advice on how to increase the climate resilience of the building,– may also be provided to the owner or tenant.	7. The energy performance certificate shall provide an indication as to where the owner or tenant can receive more detailed information, including as regards the cost-effectiveness of the recommendations made in the energy performance certificate. The evaluation of cost effectiveness shall be based on a set of standard conditions, such as the assessment of energy savings and underlying energy prices and a preliminary cost forecast. In addition, it shall contain information on the steps to be taken to implement the recommendations, <u>the contact information of relevant one-stop-shops and, where relevant, on financial support options</u>–. Other information on related topics, such as energy audits or incentives of a financial or other nature and financing possibilities–, or advice on how to increase the climate resilience of the building,– may also be provided to the owner or tenant. COM to draft: streamline the role of the one-stop shop in terms of giving

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		or tenant.		info on financial support/possibilities Trilogue 12 October
Article 16(8)				
346	8. Certification for building units may be based:	8. Certification for building units may be based:	8. Certification for building units may be based:	8. Certification for building units may be based: Trilogue 12 October Text Origin: COM Proposal incl. RePowerEU
Article 16(8), point (a)				
347	(a) on a common certification of the whole building; or	(a) on a common certification of the whole building; or	(a) on a common certification of the whole building; or	(a) on a common certification of the whole building; or Trilogue 12 October Text Origin: COM Proposal incl. RePowerEU
Article 16(8), point (b)				
348	(b) on the assessment of another representative building unit with the same energy-relevant characteristics in the same building.	(b) on the assessment of another representative building unit with the same ~~energy-relevant~~ <u>energy relevant</u> characteristics in the same building.	(b) on the assessment of another representative building unit with the same energy-relevant characteristics in the same building.	(b) on the assessment of another representative building unit with the same energy-relevant characteristics in the same building.

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				Trilogue 12 October Text Origin: COM Proposal incl. RePowerEU
Article 16(9)				
349	9. Certification for single-family houses may be based on the assessment of another representative building of similar design and size with a similar actual energy performance quality if such correspondence can be guaranteed by the expert issuing the energy performance certificate.	9. Certification for single-family houses may be based on the assessment of another representative building of similar design and size with a similar actual energy performance quality if such correspondence can be guaranteed by the expert issuing the energy performance certificate.	9. Certification for single-family houses may be based on the assessment of another representative building of similar design and size with a similar actual energy performance quality if such correspondence can be guaranteed by the expert issuing the energy performance certificate.	9. Certification for single-family houses may be based on the assessment of another representative building of similar design and size with a similar actual energy performance quality if such correspondence can be guaranteed by the expert issuing the energy performance certificate. Trilogue 12 October Text Origin: COM Proposal incl. RePowerEU
Article 16(9a)				
349a		<u>9a. The Commission shall, after consulting the relevant stakeholders and reviewing existing methodologies and tools, develop a European certification scheme for energy efficiency meters. That certification scheme</u>		deleted Trilogue 12 October

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>may be used by Member States to encourage the use of certified energy efficiency metering technologies, and to strengthen energy performance certificates with real-time measurement.</u>		
Article 16(10)				
350	10. The validity of the energy performance certificate shall not exceed five years. However for buildings with an energy performance class A, B or C established pursuant to paragraph 2, the validity of the energy performance certificate shall not exceed 10 years.	10. The validity of the energy performance certificate shall not exceed ~~five~~ <u>five</u> years. ~~However~~ for buildings with an energy performance class <u>A+</u>, A, B or C established pursuant to paragraph 2, the validity of the energy performance certificate shall not exceed 10 years.	10. The validity of the energy performance certificate shall not exceed ~~five~~ years. ~~However~~ for buildings with an energy performance class A, B or C established pursuant to paragraph 2, the validity of the energy performance certificate shall not exceed ~~10~~ <u>ten</u> years.	10. The validity of the energy performance certificate shall not exceed ~~five~~ <u>ten</u> years. ~~However~~ ~~for buildings with an energy performance class A, B or C established pursuant to paragraph 2, the validity of the energy performance certificate shall not exceed 10~~ <u>For energy performance certificates below level C, Member States shall ensure that buildings owners are invited to a one-stop shop to receive renovation advice, whichever is the earliest:</u> <u>(a) immediately after</u> the energy performance certificate ~~shall not exceed 10~~ <u>of the building expires;</u> <u>or</u> <u>(b) five</u> years <u>after the issuance of the energy performance certificate.</u> Trilogue 12 October

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
Article 16(11), first subparagraph				
351	11. Member States shall make simplified procedures for updating an energy performance certificate available where only individual elements are upgraded (single or standalone measures).	11. Member States shall make simplified procedures for updating an energy performance certificate available where only individual elements are upgraded (single or standalone measures) <u><i>in order to reduce the cost of issuance of the updated certificate.</i></u>	11. Member States shall make simplified procedures for updating an energy performance certificate available where only individual elements are upgraded (single or standalone measures).	11. Member States shall make simplified procedures for updating an energy performance certificate available where only individual elements are upgraded (single or standalone measures). Trilogue 12 October Text Origin: COM Proposal incl. RePowerEU
Article 16(11), second subparagraph				
352	Member States shall make simplified procedures for updating an energy performance certificate available where measures identified in a renovation passport are put in place.	Member States shall make simplified procedures for updating an energy performance certificate available where measures identified in a renovation passport are put in place <u><i>in order to reduce the cost of issuance of the updated certificate, or where a building digital twin is used, and data of building performance can be updated.</i></u>	Member States shall make simplified procedures for updating an energy performance certificate available where measures identified in a renovation passport are put in place.	Member States shall make simplified procedures for updating an energy performance certificate available where measures identified in a renovation passport are put in place <u><i>or where a building digital twin, other certified methods, or data from certified tools determining the energy performance of a building are used.</i></u> Trilogue 12 October
Article 17				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
353	Article 17 Issue of energy performance certificates	Article 17 Issue of energy performance certificates	Article 17 Issue of energy performance certificates	Article 17 Issue of energy performance certificates Text Origin: COM Proposal incl. RePowerEU
Article 17(1), first subparagraph				
354	1. Member States shall ensure that a digital energy performance certificate is issued for:	1. Member States shall ensure that a digital energy performance certificate is issued for:	1. Member States shall ensure that a digital– energy performance certificate is issued for:	1. Member States shall ensure that a digital energy performance certificate is issued for: Text Origin: COM Proposal incl. RePowerEU
Article 17(1), first subparagraph, point (a)				
355	(a) buildings or building units which are constructed , have undergone a major renovation, are sold or rented out to a new tenant or for which a rental contract is renewed ; and	(a) buildings or building units which are constructed–, have undergone a major renovation, are sold or rented out to a new tenant or for which a rental contract is renewed–; <u>and or which a mortgage is refinanced;</u>	(a) buildings or building units which are constructed–, have undergone a major renovation, are sold or rented out to a new tenant or for which a rental contract is renewed–; and;	(a) buildings or building units which are constructed–, have undergone a major renovation, are sold or rented out to a new tenant or for which a rental contract is renewed–; <u>and;</u> to get back to when discussed art 19 Text Origin: Council Mandate
Article 17(1), first subparagraph, point (b)				
356				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	(b) buildings owned or occupied by public bodies .	(b) buildings owned or occupied by public bodies .	(b) existing buildings— owned or occupied by— public— bodies—.	(b) <u>existing</u> buildings—_owned or occupied by—_public—_bodies—. Text Origin: Council Mandate
Article 17(1), second subparagraph				
357	The requirement to issue an energy performance certificate does not apply where a certificate, issued in accordance with either Directive 2010/31/EU or this Directive, for the building or building unit concerned is available and valid.	The requirement to issue an energy performance certificate ~~does~~ <u>shall</u> not apply where a certificate, issued in accordance with either Directive—2010/31/EU or this Directive, for the building or building unit concerned is available and valid. <u>Member States shall ensure that vulnerable households receive financial support for issuing energy performance certificates.</u>	Member States shall ensure that a paper version is issued on request. The requirement to issue an energy performance certificate does not apply where a certificate, issued in accordance with either Directive— 2010/31/EU— or this Directive, for the building or building unit concerned is available and valid.	<u>Member States shall ensure that a paper version is issued on request.</u> The requirement to issue an energy performance certificate does not apply where a certificate, issued in accordance with either Directive 2010/31/EU—_or this Directive, for the building or building unit concerned is available and valid.
Article 17(2)				
358	2. Member States shall require that, when buildings or building units are constructed, sold or rented out or when rental contracts are renewed , the energy performance certificate is shown to the prospective tenant or buyer and handed over to the buyer or tenant.	2. Member States shall require that, when buildings or building units are constructed, <u>have undergone a major renovation, are</u> sold or rented out—_or when rental contracts are renewed—, <u>or which have their mortgage refinanced</u> the energy performance certificate—_is shown to the	2. Member States shall require that, when buildings or building units are constructed, sold or rented out— or when rental contracts are renewed—, the energy performance certificate— is shown to the prospective— tenant or buyer and handed over to the buyer or tenant.	2. Member States shall require that, when buildings or building units are constructed, <u>have undergone a major renovation, are</u> sold or rented out—_or when rental contracts are renewed—, the energy performance certificate—_is shown to the prospective—_tenant or buyer and handed over to the buyer

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		prospective ~~or~~ tenant or buyer and handed over to the buyer or tenant.		or ~~or~~ tenant.
Article 17(3)				
359	3. Where a building is sold or rented out in advance of construction or major renovation , Member States may require the seller to provide an assessment of its future energy performance, as a derogation from paragraphs 1 and 2; in that case, the energy performance certificate shall be issued at the latest once the building has been constructed or renovated and shall reflect the as-built state .	3. Where a building is sold or rented out in advance of construction or major renovation , Member States may require the seller to provide an assessment of its future energy performance, as a derogation from paragraphs 1 and 2; in that case, the energy performance certificate shall be issued at the latest once the building has been constructed or renovated and shall reflect the as-built state .	3. Where a building is sold or rented out in advance of construction ~~or~~ major renovation , Member States may require the seller to provide an assessment of its future energy performance, as a derogation from paragraphs 1 and 2; in ~~that~~ that case, the energy performance certificate shall be issued at the latest once the building has been constructed ~~or~~ renovated and shall reflect the as-built state ~~or~~ .	3. Where a building is sold or rented out in advance of construction ~~or~~ major renovation , Member States may require the seller to provide an assessment of its future energy performance, as a derogation from paragraphs 1 and 2; in ~~that~~ that case, the energy performance certificate shall be issued at the latest once the building has been constructed ~~or~~ renovated and shall reflect the as-built state ~~or~~ .
Article 17(4), first subparagraph				
360	4. Member States shall require that buildings or buildings units which are offered for sale or for rent have an energy performance certificate , and that the energy performance indicator and class of the energy performance certificate of the building or the building unit, as applicable, is stated in online and	4. Member States shall require that buildings or buildings units which are offered for sale or for rent ~~have~~ have a valid energy performance certificate ~~or~~ , and that the energy performance indicator and class ~~of~~ the energy performance certificate of the building or the building unit, as	4. Member States shall require that buildings or buildings units which are offered for sale or for rent have an energy performance certificate ~~or~~ , and that ~~the~~ energy performance indicator ~~and~~ class of the energy performance certificate of the building or the building unit, as applicable, is	4. Member States shall require that buildings or buildings units which are offered for sale or for rent have an energy performance certificate ~~or~~ , and that ~~the~~ energy performance indicator ~~and~~ class of the energy performance certificate of the building or the building unit, as applicable, is

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	offline advertisements , including in property search portal websites .	applicable, is stated in—online and offline—advertisements—, including in property search portal websites .	stated in— online and offline advertisements—, including in property search portal websites—.	stated in—online and offline advertisements—, including in property search portal websites—.
Article 17(4), second subparagraph				
361	☐ Member States shall carry out sample checks or other controls to ensure compliance with these requirements.	☒ Member States shall carry out sample checks or other controls to ensure compliance with these requirements.	☐ Member States shall carry out sample checks or other controls to ensure compliance with these requirements.	☒ Member States shall carry out sample checks or other controls to ensure compliance with these requirements. Text Origin: COM Proposal incl. RePowerEU
Article 17(5)				
362	5. The provisions of this Article shall be implemented in accordance with applicable national rules on joint ownership or common property.	5. The provisions of this Article shall be implemented in accordance with applicable national rules on joint ownership or common property.	5. The provisions of this Article shall be implemented in accordance with applicable national rules on joint ownership or common property.	5. The provisions of this Article shall be implemented in accordance with applicable national rules on joint ownership or common property. Text Origin: COM Proposal incl. RePowerEU
Article 17(5a)				
362a			5a. Member States may exclude the categories of buildings referred to in Article 5(3) from	<u>5a. Member States may exclude the categories of buildings referred to in Article 5(3), points</u>

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
			the application of paragraphs 1, 2, 4 and 5 of this Article.	<u>/-a/, a, b and d from the application of paragraphs 1, 2, 4 and 5 of this Article.</u>
Article 17(6)				
363	6. The possible effects of energy performance certificates in terms of legal proceedings, if any, shall be decided in accordance with national rules.	6. The possible effects of energy performance certificates in terms of legal proceedings, if any, shall be decided in accordance with national rules.	6. The possible effects of energy performance certificates in terms of legal proceedings, if any, shall be decided in accordance with national rules.	6. The possible effects of energy performance certificates in terms of legal proceedings, if any, shall be decided in accordance with national rules. Text Origin: COM Proposal incl. RePowerEU
Article 17(7)				
364	7. Member States shall ensure that all energy performance certificates issued are uploaded to the database for energy performance of building referred to in Article 19. The upload shall contain the full energy performance certificate, including all necessary data required for the calculation of the energy performance of the building.	7. Member States shall ensure that all energy performance certificates issued are uploaded to the database for energy performance of building referred to in Article 19. The upload shall contain the full energy performance certificate, including all necessary data required for the calculation of the energy performance of the building.	7. Member States shall ensure that all energy performance certificates issued are uploaded to the database for energy performance of building referred to in Article 19. The upload shall contain the full energy performance certificate, including all necessary data required for the calculation of the energy performance of the building.	7. Member States shall ensure that all energy performance certificates issued are uploaded to the database for energy performance of building referred to in Article 19. The upload shall contain the full energy performance certificate, including all necessary data required for the calculation of the energy performance of the building. Text Origin: COM Proposal incl. RePowerEU
Article 18				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
365	Article 18 Display of energy performance certificates	Article 18 Display of energy performance certificates	Article 18 Display of energy performance certificates	Article 18 Display of energy performance certificates Text Origin: COM Proposal incl. RePowerEU
Article 18(1)				
366	1. Member States shall take measures to ensure that where a building for which an energy performance certificate has been issued in accordance with Article 17(1) is occupied by public authorities and frequently visited by the public, the energy performance certificate is displayed in a prominent place clearly visible to the public.	1. Member States shall ~~take~~ ~~measures to ensure that where~~ <u>ensure that where a non-</u> <u>residential building or</u> a building for which an energy performance certificate has been issued in accordance with Article 17(1) is occupied by public authorities and frequently visited by the public, the energy performance certificate is displayed in a prominent place clearly visible to the public.	1. Member States shall take measures to ensure that where— a building for which an energy performance certificate has been issued in accordance with Article 17(1) is occupied by public authorities and frequently visited by the public, the energy performance certificate is displayed in a prominent place clearly visible to the public.	1. Member States shall take measures to ensure that where— a building for which an energy performance certificate has been issued in accordance with Article 17(1) is occupied by public ~~authorities~~ <u>bodies</u> and frequently visited by the public, the energy performance certificate is displayed in a prominent place clearly visible to the public. Text Origin: Council Mandate
Article 18(2)				
367	2. Member States shall require that where a total useful floor area over 500 m ² of a building for which an energy performance certificate has been issued in accordance with Article 17(1) is frequently visited	2. Member States shall require that where a total useful floor area over 500 m ² of a building for which an energy performance certificate has been issued in accordance with Article 17(1) is frequently visited	2. Member States shall require that where a total useful floor area over 500 m ² of a building for which an energy performance certificate has been issued in accordance with Article 17(1) is frequently visited	2. Member States shall require that ~~where a total useful floor area over~~ ~~500 m² of a~~ <u>non-residential</u> building for which an energy performance certificate has been issued in accordance with Article

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	by the public, the energy performance certificate is displayed in a prominent place clearly visible to the public.	by the public, the energy performance certificate is displayed in a prominent place clearly visible to the public.	by the public, the energy performance certificate is displayed in a prominent place clearly visible to the public.	17(1) ~~is frequently visited by the public~~ , the energy performance certificate is displayed in a prominent ~~place~~ <u>and</u> clearly visible ~~to the public~~ <u>place</u> .
Article 18(3)				
368	3. The provisions of paragraphs 1 and 2 do not include an obligation to display the recommendations included in the energy performance certificate.	3. The provisions of paragraphs 1 and 2 do not include an obligation to display the recommendations included in the energy performance certificate.	3. The provisions of— paragraphs 1 and 2— do not include an obligation to display the recommendations included in the energy performance certificate.	3. The provisions of paragraphs 1 and 2 do not include an obligation to display the recommendations included in the energy performance certificate. Text Origin: COM Proposal incl. RePowerEU
Article 19				
369	Article 19 Databases for energy performance of buildings	Article 19 Databases for energy performance of buildings	Article 19 Databases for energy performance of buildings	Article 19 Databases for energy performance of buildings Text Origin: COM Proposal incl. RePowerEU
Article 19(1), first subparagraph				
370	1. Each Member State shall set up a national database for energy performance of buildings which	1. Each Member State shall set up a national database for energy performance of buildings which	1. Each Member State shall set up a national database for energy performance of buildings which	1. Each Member State shall set up a national database for energy performance of buildings which

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	allows data to be gathered on the energy performance of the buildings and on the overall energy performance of the national building stock.	allows data to be gathered on the energy performance of ~~the~~ <u>individual</u> buildings and on the overall energy performance of the national building stock.	allows data to be gathered on the energy performance of the buildings and on the overall energy performance of the national building stock. Such databases may consist of a set of interconnected databases.	allows data to be gathered on the energy performance of ~~the~~ <u>individual</u> buildings and on the overall energy performance of the national building stock. <u>Such databases may consist of a set of interconnected databases.</u>
Article 19(1), second subparagraph				
371	The database shall allow data to be gathered related to energy performance certificates, inspections, the building renovation passport, the smart readiness indicator and the calculated or metered energy consumption of the buildings covered.	The database shall <u>be interoperable with other relevant online platforms and public services and shall</u> allow data to be gathered <u>from all relevant sources</u> related to energy performance certificates, inspections, the building renovation passport, the smart readiness indicator, <u>energy building benchmarks</u> and the calculated or metered energy consumption of the buildings covered. <u>In order to populate the database, building typologies and energy building benchmarking may also be gathered. Data may also be gathered and stored on both operational and embodied emissions and overall life-cycle GWP, using metrics based on the LEVELs Framework.</u>	The database shall allow data to be gathered related to energy performance certificates, inspections, the building renovation passport, the smart readiness indicator and the calculated or metered energy consumption of the buildings covered.	The database shall allow data to be gathered <u>from all relevant sources</u> related to energy performance certificates, inspections, the building renovation passport, the smart readiness indicator and the calculated or metered energy consumption of the buildings covered. <u>In order to populate the database, building typologies may also be gathered. Data may also be gathered and stored on both operational and embodied emissions and overall life-cycle GWP.</u>

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	Article 19(2)			
372	2. The database shall be publicly accessible, in compliance with Union and national data protection rules. Member States shall ensure access to the full energy performance certificate for building owners, tenants and managers, and to financial institutions as regards the buildings in their investment portfolio. For buildings offered for rent or sale, Member States shall ensure access to the full energy performance certificate for prospective tenants or buyers.	2. The ~~database~~<u>aggregated and anonymised data of building stock</u> shall be ~~made~~ publicly ~~accessible~~<u>available</u>, in compliance with Union and national data protection rules. <u>The data stored shall be machine-readable and accessible via an appropriate digital interface.</u> Member States shall ensure <u>easy and free-of-charge</u> access to the full energy performance certificate for building owners, tenants and managers, <u>certified experts</u>, and to financial institutions as regards the buildings ~~in~~<u>exposure to residential or commercial property which have been assigned to</u> their ~~investment portfolio~~<u>non-trading book</u>. For buildings offered for rent or sale, Member States shall ensure access to the full energy performance certificate for prospective tenants or buyers <u>that have been authorised by the owner of the building</u>.	2. The database shall be publicly accessible, in compliance with Union and national data protection rules. Member States shall ensure access to the full energy performance certificate for building owners, tenants and managers, and to financial institutions as regards the buildings in their investment portfolio. For buildings offered for rent or sale, Member States shall ensure access to the full energy performance certificate for prospective tenants or buyers.	2. The ~~database~~<u>aggregated and anonymised data of building stock</u> shall be ~~made~~ publicly ~~accessible~~<u>available</u>, in compliance with Union and national data protection rules. <u>The data stored shall be machine-readable and accessible via an appropriate digital interface.</u> Member States shall ensure <u>easy and free-of-charge</u> access to the full energy performance certificate for building owners, tenants and managers, and to financial institutions as regards the buildings in their investment ~~portfolio~~<u>and lending portfolios, and, upon permission from the owner, also to independent experts</u>. For buildings offered for rent or sale, Member States shall ensure access to the full energy performance certificate for prospective tenants or buyers <u>that have been authorised by the owner of the building</u>.
	Article 19(2a)			
372a				<u>2a. Member States shall ensure</u>

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				<u>that local authorities have access to relevant data on energy performance of buildings on their territory as required to facilitate drafting of heating and cooling plans and include operational geographic information systems and the related databases, in accordance with Regulation (EU) 2016/679 of the European Parliament and of the Council¹. Member States shall support the local authorities in obtaining necessary resources for data and information management.</u> <u>1. Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation) (OJ L 119, 4.5.2016, p. 1).</u> moved from 308a, check the wording
	Article 19(3)			
373	3. Member States shall make publicly available information on the share of buildings in the	3. Member States shall make publicly available information on the share of buildings in the	3. Member States shall make publicly available information on the share of buildings in the	3. Member States shall make publicly available information on the share of buildings in the

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	national building stock covered by energy performance certificates and aggregated or anonymised data on the energy performance of the buildings covered. The public information shall be updated at least twice per year. Member States shall make anonymised or aggregated information available to public and research institutions such as National Statistics Institutes, upon request.	national building stock covered by energy performance certificates and aggregated or anonymised data on the energy performance, <u>the energy consumption and the life-cycle GWP</u> of the buildings covered. The public information shall be updated at least twice per year. Member States shall make anonymised or aggregated information available to public and research institutions such as National Statistics Institutes, upon request.	national building stock covered by energy performance certificates and aggregated or anonymised data on the energy performance of the buildings covered. The public information shall be updated at least twice per year. Member States shall make anonymised or aggregated information available to public and research institutions such as National Statistics Institutes, upon request.	national building stock covered by energy performance certificates and aggregated or anonymised data on the energy performance, <u>including the energy consumption, and, where available, the life-cycle GWP</u> of the buildings covered. The public information shall be updated at least twice per year. Member States shall make anonymised or aggregated information available to public and research institutions such as National Statistics Institutes, upon request.
	Article 19(4)			
374	4. At least once per year, Member States shall ensure the transfer of the information in the national database to the Building Stock Observatory.	4. At least once per year, Member States shall ensure the transfer of the information in the national database to the Building Stock Observatory.	4. At least once per year, Member States shall ensure the transfer of the information in the national database to the Building Stock Observatory.	4. At least once per year, Member States shall ensure the transfer of the information in the national database to the Building Stock Observatory. <u>Member States may transfer the information more frequently.</u>
	Article 19(5), first subparagraph			
375	5. The Commission shall, by 30 June 2024, adopt an implementing act with a common template for the	5. The Commission shall, by 30 June 2024, adopt an implementing act ~~with~~ <u>for</u> a common template for	5. The Commission shall, by 30 June 2024, adopt an implementing act with a common template for the	5. The Commission shall, ~~by 30 June 2024,~~ adopt ~~an~~ implementing ~~act with a~~ <u>acts for</u> common

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	transfer of the information to the Building Stock Observatory.	the transfer of the information to the Building Stock Observatory- <u>with the possibility for constant real-time updates.</u>	transfer of the information to the Building Stock Observatory.	~~template~~ <u>templates</u> for the transfer of the information to the Building Stock Observatory. <u>The first such implementing act shall be adopted by 30 June 2025.</u>
Article 19(5), second subparagraph				
376	That implementing act shall be adopted in accordance with the examination procedure referred to in Article 30(3).	That implementing act shall be adopted in accordance with the examination procedure referred to in Article 30(3).	That implementing act shall be adopted in accordance with the examination procedure referred to in Article 30(3).	~~That~~ <u>Those</u> implementing ~~act~~ <u>acts</u> shall be adopted in accordance with the examination procedure referred to in Article 30(3).
Article 19(6)				
377	6. For the purpose of ensuring coherence and consistency of information, Member States shall ensure that the national database for energy performance of buildings is interoperable and integrated with other administrative databases containing information on buildings, such as the national building cadastre and digital building logbooks.	6. For the purpose of ensuring coherence and consistency of information, Member States shall ensure that the national database for energy performance of buildings is interoperable and integrated with other administrative databases containing information on buildings, such as the national building cadastre and digital building logbooks.	6. For the purpose of ensuring coherence and consistency of information, Member States shall ensure that the national database for energy performance of buildings is interoperable and integrated with other administrative databases containing information on buildings, such as the national building cadastre or land registry and digital building logbooks.	6. For the purpose of ensuring coherence and consistency of information, Member States shall ensure that the national database for energy performance of buildings is interoperable and integrated with other administrative databases containing information on buildings, such as the national building cadastre <u>or land registry</u> and digital building logbooks. Text Origin: Council Mandate
Article 19(6a)				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
Y	377a	<u>6a. By 31 December 2024, the Commission shall, adopt implementing acts to support the efficient functioning of digital building logbooks by establishing a common template for:</u>		discussed with Art 11, together with the following up to 377d
	Article 19(6a), first subparagraph, point (a)			
Y	377b	<u>(a) a standardised approach for data collection, data management and interoperability and its legal framework;</u>		
	Article 19(6a), first subparagraph, point (b)			
Y	377c	<u>(b) linking existing databases.</u>		
	Article 19(6a), second subparagraph			
Y	377d	<u>Those implementing acts shall be adopted in accordance with the advisory procedure referred to in Article 30(2).</u>		
	Article 19(6b)			
G	377e	<u>6b. By... /24 months after the date</u>		

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>of entry into force of this Directive], and every two years thereafter, the Commission shall publish by a summary report on the situation and progress of the Union building stock at local, regional and national level. Member States shall use the summary report to target renovations for clusters of inefficient buildings as a means of reducing energy poverty.</u>		moved to line 193
Article 20				
378	Article 20 Inspections	Article 20 Inspections	Article 20 Inspections	Article 20 Inspections Text Origin: COM Proposal incl. RePowerEU
Article 20(1)				
379	1. Member States shall lay down the necessary measures to establish regular inspections of heating , ventilation and air conditioning systems with an effective rated output of over 70 kW. The effective rating of the system shall be based on the sum of the rated	1. Member States shall lay down the necessary measures to establish regular inspections of heating , ventilation and air conditioning systems with an effective rated output of over 70 kW. The effective rating of the system shall be based on the sum of the rated	1. Member States shall lay down the necessary measures to establish regular inspections of– the accessible parts of heating–, ventilation and air conditioning systems– with an effective rated output of over 70 kW.– The effective rating of the system shall	1. Member States shall lay down the necessary measures to establish regular inspections of– <u>the accessible parts of</u> heating–, ventilation and air conditioning systems– with an effective rated output of over 70 kW.– The effective rating of the system shall

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	output of the heating and air-conditioning generators.	output of the heating and air-conditioning generators.	be based on the sum of the rated output of the heating and air-conditioning generators.	be based on the sum of the rated output of the heating and air-conditioning generators. + changes to the corresponding recital 53 trilogue 6 June
Article 20(2)				
380	2. Member States shall establish separate inspection schemes for the inspections of residential and non-residential systems.	2. Member States ~~shall~~ may establish separate inspection schemes for the inspections of residential and non-residential systems.	2. Member States ~~shall~~ may establish separate inspection schemes for the inspections of residential and non-residential systems.	2. Member States ~~shall~~ may establish separate inspection schemes for the inspections of residential and non-residential systems. trilogue 6 June Text Origin: EP + CONS Mandate
Article 20(3)				
381	3. Member States may set different inspection frequencies depending on the type and effective rated output of the system whilst taking into account the costs of the inspection of the system and the estimated energy cost savings that may result from the inspection.	3. Member States may set different inspection frequencies depending on the type and effective rated output of the system whilst taking into account the costs of the inspection of the system and the estimated energy cost savings that may result from the inspection.	3. Member States may set different inspection frequencies depending on the type and effective rated output of the system whilst taking into account the costs of the inspection of the system and the estimated energy cost savings that may result from the inspection.	3. Member States may set different inspection frequencies depending on the type and effective rated output of the system whilst taking into account the costs of the inspection of the system and the estimated energy cost savings that may result from the inspection.

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	Systems shall be inspected at least every five years. Systems with generators of an effective rated output of more than 290 kW shall be inspected at least every two years.	Systems shall be inspected at least every five years. Systems with generators of an effective rated output of more than 290 kW <u>and those emitting carbon monoxide</u> shall be inspected at least every two years, <u>for safety reasons</u> .	Systems shall be inspected at least every five years. Systems with generators of an effective rated output of more than 290 kW shall be inspected at least every ~~two~~ three years.	Systems shall be inspected at least every five years. Systems with generators of an effective rated output of more than 290 kW shall be inspected at least every ~~two~~ three years. + COM recital 53b on raising awareness about the danger of CO intoxication trilogue 31 August Text Origin: Council Mandate
Article 20(4), first subparagraph				
382	4. The inspection shall include the assessment of the generator or generators, circulation pumps, fans and control system. Member States may decide to include in the inspection schemes any additional building systems identified under Annex I.	4. The inspection shall include the assessment of the <u>heat and air-conditioning</u> generator or generators, circulation pumps, ~~fans~~ <u>components of ventilation systems, all air and water distribution systems, hydronic balancing systems, where appropriate,</u> and control system. Member States may decide to include in the inspection schemes any additional building systems identified under Annex I.	4. The inspection shall include the assessment of the generator or generators, circulation pumps, fans and control system. Member States may decide to include in the inspection schemes any additional building systems identified under Annex I.	4. The inspection shall include the assessment of the generator or generators, circulation pumps, ~~fans~~ <u>and where appropriate, components of ventilation systems, air and water distribution systems, hydronic balancing systems</u> and control system. Member States may decide to include in the inspection schemes any additional building systems identified under Annex I. + changes in the corresponding recital 53

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	Article 20(4), second subparagraph			
383	The inspection shall include an assessment of the efficiency and sizing of the generator or generators and of its main components compared with the requirements of the building and consider the capabilities of the system to optimise its performance under typical or average operating conditions. Where relevant, the inspection shall assess the feasibility of the system to operate under different and more efficient temperature settings, while ensuring the safe operation of the system.	The inspection shall include an assessment of the efficiency and sizing of the <u>heat and air-conditioning</u> generator or generators and of its main components compared with the requirements of the building and consider the capabilities of the system to optimise its performance under typical or average operating conditions, <u>using available energy saving technologies, and under changing conditions due to use variation</u>. Where relevant, the inspection shall assess the feasibility of the system to operate under different and more efficient temperature settings, <u>such as at low temperature for water-based heating systems, including via the design of thermal power output and temperature and flow requirements</u>, while ensuring the safe operation of the system. <u>The inspection shall also assess the readiness of technical building systems to work with renewable energy sources and, where</u>	The inspection shall include an assessment of the efficiency and sizing of the generator or generators and of its main components compared with the requirements of the building and consider the capabilities of the system to optimise its performance under typical or average operating conditions. Where relevant, the inspection shall assess the feasibility of the system to operate under different and more efficient temperature settings, while ensuring the safe operation of the system.	The inspection shall include an assessment of the efficiency and sizing of the <u>heat and air-conditioning</u> generator or generators and of its main components compared with the requirements of the building and consider the capabilities of the system to optimise its performance under typical or average operating conditions, <u>using available energy saving technologies, and under changing conditions due to use variation</u>. Where relevant, the inspection shall assess the feasibility of the system to operate under different and more efficient temperature settings, <u>such as at low temperature for water-based heating systems, including via the design of thermal power output and temperature and flow requirements</u>, while ensuring the safe operation of the system. <u>The inspection shall, where relevant, include a basic assessment of the feasibility to reduce on-site use of fossil energy, for example by</u>

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>relevant, be operated on low temperatures.</u>		<u>integrating renewable energy, changing energy source or replace or adjust the existing systems.</u> Compromise following 6 June trilogue
Article 20(4), third subparagraph				
384	The inspections scheme shall include the assessment of the sizing of the ventilation system compared with the requirements of the building and consider the capabilities of the ventilation system to optimise its performance under typical or average operating conditions.	The inspections scheme shall include the assessment of the sizing of the ventilation system compared with the requirements of the building and consider the capabilities of the ventilation system to optimise its performance under typical or average operating conditions.	The inspections scheme, where relevant , shall include the assessment of the sizing of the ventilation system compared with the requirements of the building and consider the capabilities of the ventilation system to optimise its performance under typical or average operating conditions.	~~The inspections scheme shall include the assessment of the~~ <u>Where a ventilation system is installed, its</u> sizing ~~of the ventilation system compared with the requirements of the building and consider the capabilities of the ventilation system to optimise its performance under typical or average operating conditions~~ <u>and its capabilities to optimize its performance under typical or average operating conditions relevant for the specific and current use of the building shall also be assessed.</u> trilogue 6 June
Article 20(4), fourth subparagraph				
385	Where no changes have been made to the system or to the	Where no changes have been made to the system or to the	Where no changes have been made to the— system— or to the	Where no changes have been made to the system or to the

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	requirements of the building following an inspection carried out pursuant to this Article , Member States may choose not to require the assessment of the main component sizing or the assessment of operation under different temperatures to be repeated.	requirements of the building following an inspection carried out pursuant to this Article , Member States may choose not to require the assessment of the main component sizing or the assessment of operation under different temperatures to be repeated.	requirements of the building following an inspection carried out pursuant to this– Article– , Member States may choose not to require the assessment of the main component– sizing– or the assessment of operation under different temperatures– to be repeated.	requirements of the building following an inspection carried out pursuant to this Article , Member States may choose not to require the assessment of the main component sizing or the assessment of operation under different temperatures to be repeated. Text Origin: COM Proposal incl. RePowerEU
Article 20(4a)				
385a		<u>Member States shall ensure that an assessment of the energy efficiency of electrical installations of non-residential buildings is made as part of existing safety inspections schemes, with due regard to the available standard for their optimal design, dimensioning, management and monitoring.</u>		deleted linked to changes in recital 53 Compromise following 6 June trilogue
Article 20(5)				
386	5. Technical building systems that are explicitly covered by an agreed energy performance criterion or a	5. Technical building systems that are explicitly covered by an agreed energy performance criterion or a	5. Technical building systems that are explicitly covered by an agreed energy performance criterion or a	5. Technical building systems that are explicitly covered by an agreed energy performance criterion or a

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	contractual arrangement specifying an agreed level of energy efficiency improvement, such as energy performance contracting, or that are operated by a utility or network operator and therefore subject to performance monitoring measures on the system side, shall be exempt from the requirements laid down in paragraph 1, provided that the overall impact of such an approach is equivalent to that resulting from paragraph 1.	contractual arrangement specifying an agreed level of energy efficiency improvement, such as energy performance contracting, or that are operated by a utility or network operator and therefore subject to performance monitoring measures on the system side, shall be exempt from the requirements laid down in paragraph 1, provided that the overall impact of such an approach is equivalent to that resulting from paragraph 1.	contractual arrangement specifying an agreed level of energy efficiency improvement, such as energy performance contracting, or that are operated by a utility or network operator and therefore subject to performance monitoring measures on the system side, shall be exempt from the requirements laid down in paragraph 1, provided that the overall impact of such an approach is equivalent to that resulting from paragraph 1.	contractual arrangement specifying an agreed level of energy efficiency improvement, such as energy performance contracting, or that are operated by a utility or network operator and therefore subject to performance monitoring measures on the system side, shall be exempt from the requirements laid down in paragraph 1, provided that the overall impact of such an approach is equivalent to that resulting from paragraph 1. Text Origin: COM Proposal incl. RePowerEU
Article 20(6), first subparagraph				
387	6. rovided that the overall impact is equivalent to that resulting from paragraph 1, Member States may opt to take measures to ensure the provision of advice to users concerning the replacement of generators, other modifications to the system and alternative solutions to assess the performance, efficiency and appropriate size of those systems.	6. ~~rovided that the overall impact is equivalent to that resulting from paragraph 1,~~ Member States may ~~opt to~~ take measures to ensure the provision of advice to users concerning the replacement of generators, other modifications to the ~~system~~ and alternative solutions to assess the ~~performance,~~ efficiency and appropriate size of those systems.	6. ~~rovided~~ Provided that the overall impact is equivalent to that resulting from paragraph 1, Member States may opt to take measures to ensure the provision of advice to users concerning the replacement of generators, other modifications to the ~~system~~ and alternative solutions to assess the performance, ~~efficiency~~ and appropriate size of those systems.	6. ~~rovided~~ Provided that the overall impact is equivalent to that resulting from paragraph 1, Member States may opt to take ~~alternative~~ measures ~~to ensure~~ such as financial support or the provision of advice to users concerning the replacement of generators, other modifications to the ~~system~~ and alternative solutions to assess the performance, ~~efficiency~~ and appropriate size of those systems.

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				Compromise following 6 June trilogue
Article 20(6), second subparagraph				
388	Before applying the alternative measures referred to in the first subparagraph of this paragraph, each Member State shall, by means of submitting a report to the Commission, document the equivalence of the impact of those measures to the impact of the measures referred to in paragraph 1.	<i>deleted</i>	Before applying the alternative measures referred to in the first subparagraph of this paragraph, each Member State shall, by means of submitting a report to the Commission, document the equivalence of the impact of those measures to the impact of the measures referred to in paragraph 1.	Before applying the alternative measures referred to in the first subparagraph of this paragraph, each Member State shall, by means of submitting a report to the Commission, document the equivalence of the impact of those measures to the impact of the measures referred to in paragraph 1, <u>including in terms of energy savings and greenhouse gas emissions</u> . Compromise following 6 June trilogue
Article 20(7), first subparagraph				
389	7. Member States shall lay down requirements to ensure that, where technically and economically feasible, non-residential buildings with an effective rated output for heating systems or systems for combined space heating and ventilation of over 290 kW are equipped with building automation	Comment: Lines 389 and following are covered in EP text, lines 274c and following.	7. Member States shall lay down requirements to ensure that, where technically and economically feasible, non-residential buildings with an effective rated output for heating systems or systems for combined space heating and ventilation of over 290 kW are equipped with building automation	<i>deleted</i> trilogue 31 August agreement - lines 389-396a to be moved to Article 11 + COM to prepare a clarifying recital related to air-conditioning / centralised systems only

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	and control systems 31 December 2024 by. The threshold for the effective rated output shall be lowered to 70 kW by 31 December 2029.		and control systems— by 31 December 2024— by. The threshold for the effective rated output shall be lowered to 70 kW by 31 December 2029.	trilogue 6 June trilogue 31 August
Article 20(7), second subparagraph				
390	The building automation and control systems shall be capable of:		The building automation and control systems shall be capable of:	deleted see line 274g to be moved to Article 11 trilogue 31 August
Article 20(7), second subparagraph, point (a)				
391	(a) continuously monitoring, logging, analysing and allowing for adjusting energy use;		(a) continuously monitoring, logging, analysing and allowing for adjusting energy use;	deleted 274h identical to be moved to Article 11 trilogue 31 August
Article 20(7), second subparagraph, point (b)				
392				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	(b) benchmarking the building's energy efficiency, detecting losses in efficiency of technical building systems, and informing the person responsible for the facilities or technical building management about opportunities for energy efficiency improvement; and		(b) benchmarking the building's energy efficiency, detecting losses in efficiency of technical building systems, and informing the person responsible for the facilities or technical building management about opportunities for energy efficiency improvement; and	<i>deleted</i> 274i identical to be moved to Article 11 trilogue 31 August
Article 20(7), second subparagraph, point (c)				
393	(c) allowing communication with connected technical building systems and other appliances inside the building, and being interoperable with technical building systems across different types of proprietary technologies, devices and manufacturers.		(c) allowing communication with connected technical building systems and other appliances inside the building, and being interoperable with technical building systems across different types of proprietary technologies, devices and manufacturers.	<i>deleted</i> 274j identical to be moved to Article 11 trilogue 31 August
Article 20(7a)(8)				
394	8. Member States shall lay down requirements to ensure that from 1 January 2025, new residential buildings and residential buildings undergoing major renovations are equipped with:		8. Member States— shall— lay down requirements to ensure that from 1 January 2025, new residential buildings— and residential buildings undergoing major renovations— are equipped with:	<i>deleted</i> 274l identical to be moved to Article 11 trilogue 31 August

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
<i>Article 20(7a)(8), point (a)</i>				
395	(a) the functionality of continuous electronic monitoring that measures systems' efficiency and informs building owners or managers when it has fallen significantly and when system servicing is necessary; and		(a) the functionality of continuous electronic monitoring that measures systems' efficiency and informs building owners or managers when it has fallen significantly and when system servicing is necessary; and	<i>deleted</i> 274m identical to be moved to Article 11 trilogue 31 August
<i>Article 20(7a)(8), point (b)</i>				
396	(b) effective control functionalities to ensure optimum generation, distribution, storage and use of energy.		(b) effective control functionalities to ensure optimum generation, distribution, storage and use of energy.	<i>deleted</i> 274n identical to be moved to Article 11 trilogue 31 August
<i>Article 20(7a)(8), point (ba)</i>				
396a				<i>deleted</i> Line 396a is based on EP line 274o (new): "(c) demand-side flexibility;"

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				to be moved to Article 11 trilogue 31 August
Article 20(7a), (8) a				
396b			Member States may exclude single-family houses undergoing major renovations from the requirements laid down in this paragraph where the costs of installation exceed the benefits.	deleted to be moved to Article 11, line 274q trilogue 31 August
Article 20(9)				
397	9. Buildings that comply with paragraph 7 or 8 shall be exempt from the requirements laid down in paragraph 1.	9. Buildings that comply with ~~paragraph 7 or 8~~ <u>Article 11(4b) or (4c)</u> shall be exempt from the requirements laid down in paragraph 1 <u>of this Article</u> .	9. Buildings that comply with paragraph 7 or 8 shall be exempt from the requirements laid down in paragraph 1.	9. Buildings that comply with ~~paragraph 7 or 8~~ <u>Article 11(4b) or (4c)</u> shall be exempt from the requirements laid down in paragraph 1 <u>of this Article</u> .
Article 20(10)				
398	10. Member States shall put in place inspection schemes or alternative measures including digital tools, to certify that the delivered construction and renovation works meet the designed energy performance and	10. Member States shall put in place inspection schemes <u>including digital tools for industry size installations, and checklists, to verify compliance with the capability requirements set out in Article 11(4b) and (4c), and</u> ~~or~~	10. Member States shall put in place inspection schemes or alternative measures including digital tools, to certify that the delivered construction and renovation works meet the designed energy performance and	10. Member States shall put in place inspection schemes or alternative measures <u>such as</u> ~~including~~ digital tools; <u>and checklists</u> to certify that the delivered construction and renovation works meet the

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	are compliant with the minimum energy performance requirements as laid down in by the building codes.	~~alternative measures including digital tools~~ , to certify that the delivered construction and renovation works meet the designed energy performance and are compliant with the minimum energy performance requirements <u>operational greenhouse gas emissions, indoor environmental quality, and fire safety requirements</u> as laid down in by the building codes <u>or equivalent regulations</u> .	are compliant with the minimum energy performance requirements as laid down in by the building codes.	designed energy performance and are compliant with the minimum energy performance requirements as laid down in by the building codes <u>or equivalent regulations</u> . trilogue 31 August
Article 20(11)				
399	11. Member States shall include a summarised analysis of the inspection schemes and their results as an annex to the building renovation plan referred to in Article 3. Member States that have chosen the alternative measures indicated in paragraph 6 of this Article shall include a summarised analysis and the results of the alternative measures.	11. Member States shall include a summarised analysis of the inspection schemes and their results as an annex to the building renovation plan referred to in Article 3. ~~Member States that have chosen the alternative measures indicated in paragraph 6 of this Article shall include a summarised analysis and the results of the alternative measures.~~	11. Member States shall include a summarised analysis of the inspection schemes and their results as an annex to the building renovation plan referred to in Article 3. Member States that have chosen the alternative measures indicated in paragraph 6 of this Article shall include a summarised analysis and the results of the alternative measures.	11. Member States shall include a summarised analysis of the inspection schemes and their results as an annex to the building renovation plan referred to in Article 3. Member States that have chosen the alternative measures indicated in paragraph 6 of this Article shall include a summarised analysis and the results of the alternative measures. Compromise following 6 June trilogue
Article 21				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
400	Article 21 Reports on the inspection of heating , ventilation and air-conditioning systems	Article 21 Reports on the inspection of heating , ventilation and air-conditioning systems	Article 21 Reports on the inspection of heating-, ventilation- and air-conditioning systems	Article 21 Reports on the inspection of heating , ventilation and air-conditioning systems trilogue 6 June Text Origin: COM Proposal incl. RePowerEU
Article 21(1), first subparagraph				
401	1. An inspection report shall be issued after each inspection of a heating , ventilation or air-conditioning system. The inspection report shall contain the result of the inspection performed in accordance with Article 20 and include recommendations for the cost-effective improvement of the energy performance of the inspected system.	1. An inspection report shall be issued after each inspection of a heating-, ventilation- ~~or~~ , air-conditioning, <u>or building automation and control</u> system. The inspection report shall contain the result of the inspection performed in accordance with Article 20- and include recommendations for the ~~cost-effective~~ <u>cost-optimal</u> improvement of the energy performance <u>and safety</u> of the inspected system.	1. An inspection report shall be issued after each inspection of a heating-, ventilation- or air-conditioning system. The inspection report shall contain the result of the inspection performed in accordance with Article 20- and include recommendations for the cost-effective improvement of the energy performance of the inspected system.	1. An inspection report shall be issued after each inspection of a heating-, ventilation- or air-conditioning system. The inspection report shall contain the result of the inspection performed in accordance with Article 20- and include recommendations for the cost-effective improvement of the energy performance of the inspected system. <u>The inspection report shall indicate any safety issue that was detected during inspection. However, the author of the report shall not be considered liable in relation to the detection or indication of any such safety issues.</u>

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				trilogue 31 August
Article 21(1), second subparagraph				
402	Those recommendations may be based on a comparison of the energy performance of the system inspected with that of the best available feasible system and a system of similar type for which all relevant components achieve the level of energy performance required by the applicable legislation.	~~Those~~ recommendations may be based on a comparison of the energy performance of the system inspected with that of the best available feasible system, <u>using energy saving technologies</u> , and a system of similar type for which all relevant components achieve the level of energy performance required by the applicable legislation.	~~Those~~ recommendations may be based on a comparison of the energy performance of the system inspected with that of the best available feasible system and a system of similar type for which all relevant components achieve the level of energy performance required by the applicable legislation.	~~Those~~ recommendations may be based on a comparison of the energy performance of the system inspected with that of the best available feasible system, <u>using energy saving technologies</u> , and a system of similar type for which all relevant components achieve the level of energy performance required by the applicable legislation. trilogue 6 June Text Origin: EP Mandate
Article 21(2)				
403	2. The inspection report shall be handed over to the owner or tenant of the building.	2. The inspection report shall be handed over to the owner or tenant of the building.	2. The inspection report shall be handed over to the owner or tenant of the building.	2. The inspection report shall be handed over to the owner or tenant of the building. Text Origin: COM Proposal incl. RePowerEU
Article 21(2a)				
403a				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>2a. In the case of fossil fuel powered technical building systems, the recommendations shall provide for alternative renewables based systems or, for any residual demand, for connections to efficient district heating and cooling systems. The recommendations shall consider the economic lifetime of the current installation.</u>		<u>2a. The recommendations shall, where relevant, include the results from the basic assessment of the feasibility to reduce on-site use of fossil fuels.</u> this line is to be kept either as line 403a or new 401a or 402a. Compromise following 6 June trilogue
Article 21(3)				
404	3. The inspection report shall be uploaded into the national database for energy performance of buildings pursuant to Article 19.	3. The inspection report shall be uploaded into the national database for energy performance of buildings pursuant to Article 19.	3. The inspection report shall be uploaded into the national database for energy performance of buildings pursuant to Article 19.	3. The inspection report shall be uploaded into the national database for energy performance of buildings pursuant to Article 19.
Article 22				
405	Article 22 Independent experts	Article 22 Independent experts	Article 22 Independent experts	Article 22 Independent experts Text Origin: COM Proposal incl. RePowerEU
Article 22(1), first subparagraph				
406	1. Member States shall ensure that	1. Member States shall ensure that	1. Member States shall ensure that	1. Member States shall ensure that

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	the energy performance certification of buildings , the establishment of renovation passports, the smart readiness assessment, the inspection of heating systems and air-conditioning systems are carried out in an independent manner by qualified or certified experts, whether operating in a self-employed capacity or employed by public bodies or private enterprises.	the energy performance certification of buildings–, the establishment of renovation passports, the smart readiness assessment,—the inspection of heating systems and air-conditioning systems are carried out in an independent manner by qualified or—certified— <u>companies and experts, using test equipment certified in accordance with EN standards,</u> whether operating in a self-employed capacity or employed by public bodies or private enterprises.	the energy performance certification of buildings–, the establishment of renovation passports, the smart readiness assessment,— the inspection of heating, ventilation –systems and air-conditioning systems are carried out in an independent manner by qualified or— certified experts, whether operating in a self-employed capacity or employed by public bodies or private enterprises.	the energy performance certification of buildings–, the establishment of renovation passports, the smart readiness assessment,—the inspection of heating, <u>ventilation</u> –systems and air-conditioning systems are carried out in an independent manner by qualified or—certified experts, whether operating in a self-employed capacity or employed by public bodies or private enterprises. Text Origin: Council Mandate
	Article 22(1), second subparagraph			
G 407	Experts shall be certified in accordance with Article 26 of Directive (EU) .../... [recast EED] taking into account their competence.	Experts shall be—certified in accordance with Article 26 of Directive (EU) .../... [recast EED] taking into account their competence.	Experts shall be— certified in accordance with Article 26 of Directive (EU) .../... [recast EED] taking into account their competence.	Experts shall be certified in accordance with Article 26 of Directive (EU) .../... [recast EED] taking into account their competence. Text Origin: COM Proposal incl. RePowerEU
	Article 22(2)			
G 408	2. Member States shall make available to the public information	2. Member States shall make available to the public information	2. Member States shall make available to the public information	2. Member States shall make available to the public information

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	on training and certifications . Member States shall ensure that either regularly updated lists of qualified or certified experts or regularly updated lists of certified companies which offer the services of such experts are made available to the public.	on training and ~~certifications~~ . Member States shall ensure that either regularly updated lists of qualified or ~~certified~~ experts or regularly updated lists of certified companies which offer the services of such experts are made available to the public.	on training and ~~certifications~~ . Member States shall ensure that either regularly updated lists of qualified or ~~certified~~ experts or regularly updated lists of certified companies which offer the services of such experts are made available to the public.	on training and certifications . Member States shall ensure that either regularly updated lists of qualified or certified experts or regularly updated lists of certified companies which offer the services of such experts are made available to the public. Text Origin: COM Proposal incl. RePowerEU
Article 23				
409	Article 23 Certification of building professionals	Article 23 Certification of building professionals	Article 23 Certification of building professionals	Article 23 Certification of building professionals Text Origin: COM Proposal incl. RePowerEU
Article 23(1)				
410	1. Member States shall ensure the appropriate level of competence for building professionals carrying out integrated renovation works in line with Article 26 [recast EED].	1. <u>By ...[date set out in Article 26(4) [recast EED]]</u> , Member States shall <u>establish a national action plan to provide a sufficient and adequately skilled workforce</u> and ensure the appropriate level of competence for building professionals <u>and construction companies</u> , carrying out integrated	1. Member States shall ensure the appropriate level of competence for building professionals carrying out integrated renovation works in ~~line~~ accordance with Article 26 [recast EED].	1. Member States shall ensure the appropriate level of competence for building professionals carrying out integrated renovation works in ~~line~~ accordance with Article ~~26~~ <u>3</u> and Annex II of this Directive and Article 28 of [recast EED].

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		renovation works in line with <u>the established targets and measurable progress indicators pursuant to Article 3(1) of this Directive and</u> Article 26 <u>of</u> [recast EED].		
Article 23(1a)				
410a		<u>1a. To achieve a sufficient number of professionals in accordance with paragraph 1, Member States shall ensure that sufficient training programmes leading to qualification and certification covering integrated works, including the latest innovative solutions therefore, are made available. Member States shall put in place measures to promote participation in such programmes, in particular by microenterprises, SMEs and self-employed persons.</u>		covered with Art 3 and annex II
Article 23(2)				
411	2. Where appropriate and feasible, Member States shall ensure that certification or equivalent qualification schemes are available	2. Where appropriate and feasible, Member States shall ensure that certification or equivalent qualification schemes are available	2. Where appropriate and feasible, Member States shall ensure that certification or equivalent qualification schemes are available	2. Where appropriate and feasible, Member States shall ensure that certification or equivalent qualification schemes are available

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	for providers of integrated renovation works where this is not covered by Article 18(3) of Directive (EU) 2018/2001 [amended RED] or Article 26 of Directive (EU) .../....[recast EED].	for providers of integrated renovation works, <u>such as construction companies</u> , -where this is not covered by Article 18(3) of Directive (EU) 2018/2001 [amended RED] or Article 26 of Directive (EU) .../....[recast EED].	for providers of integrated renovation works where this is not covered by Article 18(3) of Directive (EU) 2018/2001 [amended RED] or Article 26 of Directive (EU) .../....[recast EED].	for providers of integrated renovation works where this is not covered by Article 18(3) of Directive (EU) 2018/2001 [amended RED] or Article 26 of Directive (EU) .../....[recast EED]. trilogue 6 June Text Origin: COM Proposal incl. RePowerEU
Article 24				
412	Article 24 Independent control system	Article 24 Independent control system	Article 24 Independent control system	Article 24 Independent control system trilogue 6 June Text Origin: COM Proposal incl. RePowerEU
Article 24(1)				
413	1. Member States shall ensure that independent control systems for energy performance certificates are established in accordance with Annex VI, and that independent control systems for renovation passports, smart readiness indicators and reports on the	1. Member States shall ensure that independent control systems for energy performance certificates are established in accordance with Annex VI, and that independent control systems for renovation passports, smart readiness indicators and reports on the	1. Member States shall ensure that independent control systems for energy performance certificates are established in accordance with Annex VI, and that independent control systems for renovation passports, smart readiness indicators— and reports on the	1. Member States shall ensure that independent control systems for energy performance certificates are established in accordance with Annex VI, and that independent control systems for renovation passports, smart readiness indicators— and reports on the

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	inspection of heating and air-conditioning systems are established . Member States may establish separate systems for the control of energy performance certificates , renovation passports, smart readiness indicators and reports on the inspection of heating and air-conditioning systems.	inspection of heating and air-conditioning systems are established . Member States may establish separate systems for the control of energy performance certificates , renovation passports, smart readiness indicators and reports on the inspection of heating and air-conditioning systems.	inspection of heating and air-conditioning systems and ventilation are established . Member States may establish separate systems for the control of energy performance certificates–, renovation passports, smart readiness indicators– ~~and~~ and reports on the inspection of heating and air-conditioning systems.	inspection of heating and air-conditioning systems <u>and ventilation</u> are established . Member States may establish separate systems for the control of energy performance certificates–, renovation passports, smart readiness indicators– ~~and~~ <u>and</u> reports on the inspection of heating and air-conditioning systems. trilogue 6 June Text Origin: Council Mandate
Article 24(2), first subparagraph				
414	2. The Member States may delegate the responsibilities for implementing the independent control systems.	2. The Member States may delegate the responsibilities for implementing the independent control systems.	2. The Member States may delegate the responsibilities for implementing the independent control systems.	2. The Member States may delegate the responsibilities for implementing the independent control systems. trilogue 6 June Text Origin: COM Proposal incl. RePowerEU
Article 24(2), second subparagraph				
415	Where the Member States decide to do so, they shall ensure that the independent control systems are	Where the Member States decide to do so, they shall ensure that the independent control systems are	Where the Member States decide to do so, they shall ensure that the independent control systems are	Where the Member States decide to do so, they shall ensure that the independent control systems are

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	implemented in compliance with Annex VI.	implemented in compliance with Annex VI.	implemented in compliance with Annex VI.	implemented in compliance with Annex VI. trilogue 6 June Text Origin: COM Proposal incl. RePowerEU
Article 24(3)				
416	3. Member States shall require the energy performance certificates , the renovation passports, the smart readiness indicators and the inspection reports referred to in paragraph 1 to be made available to the competent authorities or bodies on request.	3. Member States shall require the energy performance certificates–, the renovation passports, the smart readiness indicators– and the inspection reports referred to in paragraph 1 to be made available to the competent authorities or bodies on request.	3. Member States shall require the energy performance certificates–, the renovation passports, the smart readiness indicators– and the inspection reports referred to in paragraph 1 to be made available to the competent authorities or bodies on request.	3. Member States shall require the energy performance certificates , the renovation passports, the smart readiness indicators and the inspection reports referred to in paragraph 1 to be made available to the competent authorities or bodies on request. trilogue 6 June Text Origin: COM Proposal incl. RePowerEU
Article 25				
417	Article 25 Review	Article 25 Review	Article 25 Review	Article 25 Review Text Origin: COM Proposal incl. RePowerEU
Article 25, first paragraph				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
418	The Commission, assisted by the Committee referred to in Article 30, shall review this Directive by the end of 2027 at the latest, in the light of the experience gained and progress made during its application, and, if necessary, make proposals.	The Commission, assisted by the Committee referred to in Article 30, shall review this Directive by the end of 2027 at the latest, in the light of the experience gained and progress made during its application, and, if necessary, make proposals.	The Commission, assisted by the experts of the Committee referred to in– Article 30, shall review this Directive by– the end of 2027– at the latest, in the light of the experience gained and progress made during its application, and, if necessary, make proposals.	The Commission, assisted by the <u>experts of the</u> Committee referred to in– Article 30, shall review this Directive by– the end of ~~2027~~ – <u>2028</u> at the latest, in the light of the experience gained and progress made during its application, and, if necessary, make proposals.
Article 25, second paragraph				
419	As part of that review, the Commission shall assess whether the application of this Directive in combination with other legislative instruments addressing energy efficiency and greenhouse gas emissions from buildings, notably through carbon pricing, deliver sufficient progress towards achieving a fully decarbonised, zero-emission building stock by 2050, or whether further binding measures at Union level, in particular mandatory minimum energy performance standards across the whole building stock, need to be introduced. The Commission shall also examine in what manner Member States could	As part of that review, ~~the Commission shall assess whether the application of this Directive in combination with other legislative instruments addressing energy efficiency and greenhouse gas emissions from buildings, notably through carbon pricing, deliver sufficient progress towards achieving a fully decarbonised, zero-emission building stock by 2050, or whether further binding measures at Union level, in particular mandatory minimum energy performance standards across the whole building stock, need to be introduced. The~~ <u>the</u> Commission shall ~~also examine in what manner Member States could~~	As part of that review,– the Commission shall assess whether the application of this Directive in combination with other legislative instruments addressing energy efficiency and greenhouse gas emissions from buildings, notably through carbon pricing, deliver sufficient progress towards achieving a fully decarbonised, zero-emission building stock by 2050, or whether further binding measures at Union level, in particular mandatory minimum energy performance standards across the whole building stock, need to be introduced.– The Commission shall ~~also~~ also examine in what manner Member	As part of that review, the Commission shall assess whether the application of this Directive in combination with other legislative instruments addressing energy <u>efficiency</u> <u>performance</u> and greenhouse gas emissions from buildings, notably through carbon pricing, deliver sufficient progress towards achieving a fully decarbonised, zero-emission building stock by 2050, or whether further binding measures at Union level, in particular mandatory minimum energy performance standards across the whole building stock, need to be introduced. The Commission shall ~~also~~ <u>also</u> <u>assess the national roadmaps and</u>

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	apply integrated district or neighbourhood approaches in Union building and energy efficiency policy, while ensuring that each building meets the minimum energy performance requirements, for example by means of overall renovation schemes applying to a number of buildings in a spatial context instead of a single building.	~~apply integrated district or neighbourhood approaches in Union building and energy efficiency policy, while ensuring that each building meets the minimum energy performance requirements, for example by means of overall renovation schemes applying to a number of buildings in a spatial context instead of a single building.;~~	States could apply integrated district or neighbourhood approaches in Union building and energy efficiency policy, while ensuring that each building meets the minimum energy performance requirements, for example by means of overall renovation schemes applying to a number of buildings in a spatial context instead of a single building.	<u>in particular the planned limit values for the life-cycle GWP of new buildings pursuant to Article 7(2b) and consider additional measures promoting a sustainable built environment. The Commission shall also</u> examine in what manner Member States could apply integrated district or neighbourhood approaches in Union building and energy efficiency policy, while ensuring that each building meets the minimum energy performance requirements, for example by means of <u>integrated renovation plans and</u> overall renovation schemes applying to a number of buildings in a spatial context instead of a single building.
Article 25, second paragraph a				
G 419a		<u>(a) assess whether the application of this Directive in combination with other legislative instruments addressing energy efficiency and greenhouse gas emissions from buildings, in particular through carbon pricing, deliver sufficient progress towards achieving a fully decarbonised, zero-emission</u>		deleted

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>building stock by 2050, or whether further binding measures at Union level, in particular mandatory minimum energy performance standards across the whole building stock, need to be introduced;</u>		
Article 25, fourth paragraph				
419b		<u>(b) assess the adequate legal instrument, level and timeline of reduction targets for the Union building stock life-cycle GWP, on the basis of the harmonised framework referred to in Article 1(2), point (da);</u>		deleted
Article 25, fifth paragraph				
419c		<u>(c) determine how to take into account in all measures at Union level a holistic approach at all spatial scales, including landscape architecture, urban planning, infrastructure, and design, thus promoting a sustainable built environment.</u>		deleted
Article 25, sixth paragraph				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
419d		<u>The Commission shall examine in what manner Member States have applied integrated district or neighbourhood approaches in Union building and energy efficiency policy, while ensuring that each building meets the minimum energy performance requirements, and including how such approaches can be used to meet Union standards by means of IRPs applying to a number of buildings in a spatial context instead of a single building.</u>		deleted
Article 26				
420	Article 26 Information	Article 26 Information	Article 26 Information	Article 26 Information Text Origin: COM Proposal incl. RePowerEU
Article 26(1)				
421	1. Member States shall take the necessary measures to inform the owners or tenants of buildings or building units and all relevant market actors of the different	1. Member States shall <u>prepare and carry out information and awareness-raising campaigns on an ongoing basis in order to promote public interest and</u>	1. Member States shall take the necessary measures to inform the owners or tenants of buildings or building units– and all relevant market actors– of the different	1. Member States shall <u>prepare and carry out information and awareness-raising campaigns.</u> <u>They shall</u> take the necessary measures to inform the owners

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	methods and practices that serve to enhance energy performance. In particular, Member States shall take the necessary measures to provide tailor-made information to vulnerable households.	<u>support for the improvement of energy efficiency of buildings and the achievement of the objectives of this Directive. They shall</u> take the necessary measures to inform the owners ~~or~~ <u>and</u> tenants of buildings or building units – and all relevant market actors – <u>including local and regional authorities and energy communities</u> , of the different methods and practices that serve to enhance energy performance, <u>such as energy management services, energy performance contracting, and the one-stop shops established pursuant to Article 15a.</u> – In particular, Member States shall take the necessary measures to provide tailor-made information to vulnerable households. <u>That information shall also be passed through local authorities and civil society organisations.</u>	methods and practices that serve to enhance energy performance. – In particular, Member States shall take the necessary measures to provide tailor-made information to vulnerable households.	~~or~~ <u>and</u> tenants of buildings or building units – and all relevant market actors – <u>such as local and regional authorities and energy communities</u> , of the different methods and practices that serve to enhance energy performance. – In particular, Member States shall take the necessary measures to provide tailor-made information to vulnerable households. <u>That information shall also be made available to local authorities and civil society organisations.</u>
Article 26(1a)				
421a		<u>Member States shall inform the owners, tenants and facility managers of buildings of the different methods and practices that serve to enhance the energy</u>		deleted covered by recital on fire safety

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>and emission performance, fire, electrical, and seismic safety of a building.</u>		
Article 26(2), first subparagraph				
422	2. Member States shall in particular provide information to the owners or tenants of buildings on energy performance certificates, including their purpose and objectives, on cost-effective measures and, where appropriate, financial instruments, to improve the energy performance of the building, and on replacing fossil fuel boilers with more sustainable alternatives. Member States shall provide the information through accessible and transparent advisory tools such as renovation advice and one-stop-shops.	2. Member States shall in particular provide information to the owners or tenants of buildings on energy performance certificates, including their purpose and objectives, on ~~cost-effective~~ <u>cost-optimal</u> measures and, where appropriate, financial instruments, to improve the energy performance of the building, and on replacing fossil fuel boilers with more sustainable alternatives. Member States shall provide the information through accessible and transparent advisory tools such as renovation advice and ~~one-stop-shops.~~ <u>the one-stop shops established pursuant to Article 15a, paying particular attention to vulnerable households.</u>	2. Member States shall in particular provide information to the owners or tenants of buildings on energy performance certificates, including their purpose and objectives, on cost-effective measures and, where appropriate, financial instruments, to improve the energy performance of the building, and on replacing fossil fuel boilers with more sustainable alternatives. Member States shall provide the information through accessible and transparent advisory tools such as renovation advice and one-stop-shops.	2. Member States shall in particular provide information to the owners or tenants of buildings on energy performance certificates, including their purpose and objectives, on cost-effective measures and, where appropriate, financial instruments, to improve the energy performance of the building, and on replacing fossil fuel boilers with more sustainable alternatives. Member States shall provide the information through accessible and transparent advisory tools such as renovation advice and ~~one-stop-shops.~~ <u>the one-stop shops established pursuant to Article 15a, paying particular attention to vulnerable households.</u>
Article 26(2), second subparagraph				
423	At the request of the Member States, the Commission shall assist	At the request of the Member States, the Commission shall assist	At the request of the Member States, the Commission shall assist	At the request of the Member States, the Commission shall assist

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	Member States in staging information campaigns for the purposes of paragraph 1 and the first subparagraph of this paragraph, which may be dealt with in Union programmes.	Member States in staging information campaigns for the purposes of paragraph 1 and the first subparagraph of this paragraph, which may be dealt with in Union programmes.	Member States in staging information campaigns for the purposes of paragraph 1 and the first subparagraph of this paragraph, which may be dealt with in Union programmes.	Member States in staging information campaigns for the purposes of paragraph 1 and the first subparagraph of this paragraph, which may be dealt with in Union programmes. Text Origin: COM Proposal incl. RePowerEU
Article 26(3)				
424	3. Member States shall ensure that guidance and training are made available for those responsible for implementing this Directive. Such guidance and training shall address the importance of improving energy performance, and shall enable consideration of the optimal combination of improvements in energy efficiency, reduction of greenhouse gas emissions, use of energy from renewable sources and use of district heating and cooling when planning, designing, building and renovating industrial or residential areas. Such guidance and training may also address structural improvements, adaptation to climate change, fire safety, risks related to intense	3. Member States shall ensure that guidance and training, <u>including a gender perspective</u> , are made available, for those responsible for implementing this Directive. Such guidance and training shall address the importance of improving energy performance, and shall enable consideration of the optimal combination of improvements in energy efficiency, ~~–~~ reduction of greenhouse gas emissions, ~~–~~ use of energy from renewable sources and use of district heating and cooling when planning, designing, building and renovating industrial or residential areas. ~~–~~ Such guidance and training <u>may shall</u> also address structural improvements, adaptation to climate change, fire	3. Member States shall ensure that guidance and training are made available for those responsible for implementing this Directive. Such guidance and training shall address the importance of improving energy performance, and shall enable consideration of the optimal combination of improvements in energy efficiency, ~~–~~ reduction of greenhouse gas emissions, ~~–~~ use of energy from renewable sources and use of district heating and cooling when planning, designing, building and renovating industrial or residential areas. ~~–~~ Such guidance and training may also address structural improvements, adaptation to climate change, fire safety, risks related to intense	3. Member States shall ensure that guidance and training, <u>including for under-represented groups</u> , are made available, for those responsible for implementing this Directive. Such guidance and training shall address the importance of improving energy performance, and shall enable consideration of the optimal combination of improvements in energy efficiency, ~~–~~ reduction of greenhouse gas emissions, ~~–~~ use of energy from renewable sources and use of district heating and cooling when planning, designing, building and renovating industrial or residential areas. ~~–~~ Such guidance and training may also address structural improvements,

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	seismic activity, the removal of hazardous substances including asbestos, air pollutant emissions (including fine particulate matter) and accessibility for persons with disabilities.	safety, risks related to intense seismic activity, the removal of hazardous substances including asbestos, air pollutant emissions (including fine particulate matter), <u>indoor environmental quality</u> and accessibility for persons with disabilities. <u>Member States shall endeavour to allocate funding for training to local and regional authorities, renewable energy communities and citizen energy communities that promote energy performance improvements, energy efficiency, renewable energy and the reduction of greenhouse gas emissions at a neighbourhood level and in particular, to vulnerable households.</u>	seismic activity, the removal of hazardous substances including asbestos, air pollutant emissions (including fine particulate matter) and accessibility for persons with disabilities.	adaptation to climate change, fire safety, risks related to intense seismic activity, the removal of hazardous substances including asbestos, air pollutant emissions (including fine particulate matter), <u>indoor environmental quality</u> and accessibility for persons with disabilities. <u>Member States shall endeavour to put in place measures to support training for local and regional authorities, renewable energy communities and other relevant actors, such as citizens-led renovation initiatives, to promote the objectives of this Directive.</u>
Article 26(4)				
425	4. The Commission is invited to continuously improve its information services, in particular the website that has been set up as a European portal for energy efficiency in buildings directed towards citizens, professionals and authorities, in order to assist Member States in their information	4. The Commission ~~is invited~~ <u>shall</u> continuously improve its information services, in particular the website that has been set up as a European portal for energy efficiency in buildings directed towards citizens, professionals and authorities, in order to assist Member States in their information	4. The Commission is invited to continuously improve its information services, in particular the website that has been set up as a European portal for energy efficiency in buildings directed towards citizens, professionals and authorities, in order to assist Member States in their information	4. The Commission ~~is invited~~ <u>shall</u> continuously improve its information services, in particular the website that has been set up as a European portal for energy efficiency in buildings directed towards citizens, professionals and authorities, in order to assist Member States in their information

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	and awareness-raising efforts. Information displayed on that website might include links to relevant European Union and national, regional and local legislation, links to Europa websites that display the National Energy Efficiency Action Plans, links to available financial instruments, as well as best practice examples at national, regional and local level. In the context of the European Regional Development Fund, the Cohesion Fund and the Just Transition Fund, the Commission shall continue and further intensify its information services with the aim of facilitating the use of available funds by providing assistance and information to interested stakeholders, including national, regional and local authorities, on funding possibilities, taking into account the latest changes in the regulatory framework.	and awareness-raising efforts. Information displayed on ~~that~~ <u>that</u> website might include links to relevant ~~European Union~~ <u>Union law</u> and national, regional and local ~~legislation~~ <u>rules</u>, links to Europa websites that display the National Energy Efficiency Action Plans, links to available financial instruments, as well as best practice examples at national, regional and local level, <u>including with regard to the one-stop shops established pursuant to Article 15a</u>. In the context of the European Regional Development Fund, ~~the~~ Cohesion Fund and the Just Transition Fund, ~~the~~ <u>Social Climate Fund, and the Recovery and Resilience Facility</u>, the Commission shall continue and further intensify its information services with the aim of facilitating the use of available funds by providing assistance and information, <u>including through the European Local Energy Assistance facility in cooperation with the European Investment Bank</u> to interested stakeholders, including national, regional and local authorities, on funding possibilities, taking into account	and awareness-raising efforts. Information displayed on ~~that~~ <u>that</u> website might include links to relevant European Union and national, regional and local legislation, links to Europa websites that display the National Energy Efficiency Action Plans, links to available financial instruments, as well as best practice examples at national, regional and local level. In the context of the European Regional Development Fund, ~~the~~ Cohesion Fund and the Just Transition Fund, the Commission shall continue and further intensify its information services with the aim of facilitating the use of available funds by providing assistance and information to interested stakeholders, including national, regional and local authorities, on funding possibilities, taking into account the latest changes in the regulatory framework.	and awareness-raising efforts. Information displayed on ~~that~~ <u>that</u> website might include links to relevant ~~European~~ <u>Union law</u> and national, regional and local ~~legislation~~ <u>rules</u>, links to Europa websites that display the National Energy Efficiency Action Plans, links to available financial instruments, as well as best practice examples at national, regional and local level, <u>including with regard to the one-stop shops established pursuant to Article 15a</u>. In the context of the European Regional Development Fund, ~~the~~ Cohesion Fund and the Just Transition Fund, ~~the~~ <u>Social Climate Fund, and the Recovery and Resilience Facility</u>, the Commission shall continue and further intensify its information services with the aim of facilitating the use of available funds by providing assistance and information, <u>including, in cooperation with the European Investment Bank, through the European Local Energy Assistance facility</u>, to interested stakeholders, including national, regional and local authorities, on funding possibilities, taking into

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		the latest changes in the regulatory framework.		account the latest changes in the regulatory framework.
Article 27				
426	Article 27 Consultation	Article 27 Consultation	Article 27 Consultation	Article 27 Consultation Text Origin: COM Proposal incl. RePowerEU
Article 27, first paragraph				
427	In order to facilitate the effective implementation of this Directive, Member States shall consult the stakeholders involved, including local and regional authorities, in accordance with the national legislation applicable and as relevant. Such consultation is of particular importance for the application of Article 26.	In order to facilitate the effective implementation of this Directive, Member States shall consult the stakeholders involved, including local and regional authorities, in accordance with the national legislation applicable and as relevant. Such consultation is of particular importance for the application of Article 26.	In order to facilitate the effective implementation of ~~this~~ this Directive, Member States shall consult the stakeholders involved, including local and regional authorities, in accordance with the national legislation applicable and as relevant. Such consultation is of particular importance for the application of Article- 26.	In order to facilitate the effective implementation of ~~this~~ this Directive, Member States shall consult the stakeholders involved, including local and regional authorities, in accordance with the national legislation applicable and as relevant. Such consultation is of particular importance for the application of Article- 26.
Article 28				
428	Article 28 Adaptation of Annex I to technical progress	Article 28 Adaptation of Annex I to technical progress	Article 28 Adaptation of Annex I to technical progress	Article 28 Adaptation of Annex I to technical progress Text Origin: COM Proposal

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				incl. RePowerEU
Article 28, first paragraph				
429	The Commission shall adopt delegated acts in accordance with Article 29 concerning the adaptation of points 4 and 5 of Annex I to technical progress .	The Commission shall—adopt delegated acts in accordance with Article 29— ~~concerning the adaptation of points 4 and 5 of Annex I to technical progress—~~ ;	The Commission shall— adopt delegated acts in accordance with Article 29— concerning the adaptation of points 4 and 5 of Annex I to technical progress—.	The Commission shall adopt delegated acts in accordance with Article 29 concerning the adaptation of points 4 and 5 of Annex I to technical progress . Text Origin: COM Proposal incl. RePowerEU
Article 28, first paragraph a				
429a		<u>(a) amending this Directive by adapting points 4 and 5 of Annex I to technical progress; and</u>		deleted
Article 28, third paragraph				
429b		<u>(b) supplementing this Directive by including guidance to Member States about the assessment of the energy performance of transparent building elements that form part of the building envelope.</u>		deleted guidance on transparent elements to be added in Article 4
Article 29				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
430	Article 29 Exercise of the delegation	Article 29 Exercise of the delegation	Article 29 Exercise of the delegation	Article 29 Exercise of the delegation Text Origin: COM Proposal incl. RePowerEU
Article 29(1)				
431	1. The power to adopt delegated acts is conferred on the Commission subject to the conditions laid down in this Article.	1. The power to adopt delegated acts is conferred on the Commission subject to the conditions laid down in this Article.	1. The power to adopt delegated acts is conferred on the Commission subject to the conditions laid down in this Article.	1. The power to adopt delegated acts is conferred on the Commission subject to the conditions laid down in this Article. Text Origin: COM Proposal incl. RePowerEU
Article 29(2)				
432	2. The power to adopt delegated acts referred to in Articles 6, 7, 10 13 and 28 shall be conferred on the Commission for an indeterminate period of time from [date of entry into force of this Directive] .	2. The power to adopt delegated acts referred to in Articles 6, ~~7, 10~~ <u>7, 11a, 10, 13, 14(4a), 15, 19</u> and 28 shall be conferred on the Commission for ~~an indeterminate~~ period ~~of time~~ ~~from~~ <u>from ...</u> [date of entry into force of this Directive] <del>-. </del>	2. The power to adopt delegated acts referred to in Articles 6, ~~7, 10~~ <u>7, 10</u> 13 and 28 shall be conferred on the Commission for ~~an indeterminate~~ ~~a period of time~~ ~~from~~ of five years from [date of entry into force of this Directive] <del>-. </del> The Commission shall draw up a report in respect of the delegation of power not later than nine months before the end of the five-year period. The	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
			delegation of power shall be tacitly extended for periods of an identical duration, unless the European Parliament or the Council opposes such extension not later than three months before the end of each period.	
Article 29(3)				
433	3. The delegation of power referred to in Articles 6, 7, 10, 13 and 28 may be revoked at any time by the European Parliament or by the Council. A decision to revoke shall put an end to the delegation of the power specified in that decision. It shall take effect the day following the publication of the decision in the Official Journal of the European Union or at a later date specified therein. It shall not affect the validity of any delegated acts already in force.	3. The delegation of power referred to in Articles ~~65, 7, 10, 13~~ <u>6, 7, 10, 13, 11a, 13, 14(4a), 15, 19</u> and 28 may be revoked at any time by the European Parliament or by the Council. A decision to revoke shall put an end to the delegation of the power specified in that decision. It shall take effect the day following the publication of the decision in the <u>Official Journal of the European Union</u> ~~Official Journal of the European Union~~ or at a later date specified therein. It shall not affect the validity of any delegated acts already in force.	3. The delegation of power referred to in Articles ~~6, 7, 10, 7~~ , 10, 13 and 28 may be revoked at any time by the European Parliament or by the Council. A decision to revoke shall put an end to the delegation of the power specified in that decision. It shall take effect the day following the publication of the decision in the Official Journal of the European Union ~~Official Journal of the European Union~~ or at a later date specified therein. It shall not affect the validity of any delegated acts already in force.	
Article 29(4)				
434	4. Before adopting a delegated act,	4. Before adopting a delegated act,	4. Before adopting a delegated act,	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	the Commission shall consult experts designated by each Member State in accordance with the principles laid down in the Interinstitutional Agreement of 13 April 2016 on Better Law-Making.	the Commission shall consult experts designated by each Member State in accordance with the principles laid down in the Interinstitutional Agreement of 13 April 2016 on Better Law-Making.	the Commission shall consult experts designated by each Member State in accordance with the principles laid down in the Interinstitutional Agreement of 13 April 2016 on Better Law-Making.	
Article 29(5)				
435	5. As soon as it adopts a delegated act, the Commission shall notify it simultaneously to the European Parliament and to the Council.	5. As soon as it adopts a delegated act, the Commission shall notify it simultaneously to the European Parliament and to the Council.	5. As soon as it adopts a delegated act, the Commission shall notify it simultaneously to the European Parliament and to the Council.	
Article 29(6)				
436	6. A delegated act adopted pursuant to Articles 6, 7, 10, 13 or 28 shall enter into force only if no objection has been expressed either by the European Parliament or the Council within a period of two months of notification of that act to the European Parliament and the Council or if, before the expiry of that period, the European Parliament and the Council have both informed the Commission that they will not object. That period shall be extended by two months at the initiative of the European	6. A delegated act adopted pursuant to ~~Articles 6, 7, 10,~~ <u>Article 6, 7, 10, 11a, 13, 14(4a), 15, 19</u> or 28 shall enter into force only if no objection has been expressed either by the European Parliament or the Council within a period of two months of notification of that act to the European Parliament and the Council or if, before the expiry of that period, the European Parliament and the Council have both informed the Commission that they will not object. That period	6. A delegated act adopted pursuant to Articles 6, ~~7, 10,~~ <u>7, 10</u> , 13 or 28 shall enter into force only if no objection has been expressed either by the European Parliament or the Council within a period of two months of notification of that act to the European Parliament and the Council or if, before the expiry of that period, the European Parliament and the Council have both informed the Commission that they will not object. That period shall be extended by two months at	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	Parliament or of the Council.	shall be extended by two months at the initiative of the European Parliament or of the Council.	the initiative of the European Parliament or of the Council.	
Article 30				
437	Article 30 Committee procedure	Article 30 Committee procedure	Article 30 Committee procedure	
Article 30(1)				
438	1. The Commission shall be assisted by a committee. That committee shall be a committee within the meaning of Regulation (EU) No 182/2011.	1. The Commission shall be assisted by a committee. That committee shall be a committee within the meaning of Regulation (EU) No 182/2011.	1. The Commission shall be assisted by a committee. That committee shall be a committee within the meaning of Regulation (EU) No 182/2011.	
Article 30(2)				
439	2. Where reference is made to this paragraph, Article 4 of Regulation (EU) No 182/2011 shall apply.	2. Where reference is made to this paragraph, Article 4 of Regulation (EU) No 182/2011 shall apply.	2. Where reference is made to this paragraph, Article 4 of Regulation (EU) No 182/2011 shall apply.	
Article 30(3)				
440	3. Where reference is made to this paragraph, Article 5 of Regulation (EU) No 182/2011 shall apply.	3. Where reference is made to this paragraph, Article 5 of Regulation (EU) No 182/2011 shall apply.	3. Where reference is made to this paragraph, Article 5 of Regulation (EU) No 182/2011 shall apply.	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
Article 31				
441	Article 31 Penalties	<i>deleted</i>	Article 31 Penalties	Article 31 Penalties Text Origin: COM Proposal incl. RePowerEU
Article 31, first paragraph				
442	Member States shall lay down the rules on penalties applicable to infringements of the national provisions adopted pursuant to this Directive and shall take all measures necessary to ensure that they are implemented. The penalties provided for must be effective, proportionate and dissuasive. Member States shall notify the Commission without delay of any amendment affecting the provisions communicated in accordance with Article 27 of Directive 2010/31/EU .	<i>deleted</i>	Member States shall lay down the rules on penalties applicable to infringements of the national provisions adopted pursuant to this Directive and shall take all measures necessary to ensure that they are implemented. The penalties provided for must be effective, proportionate and dissuasive. Member States— shall notify— the Commission— without delay of any— amendment affecting the provisions communicated in accordance with Article 27 of Directive 2010/31/EU—.	Member States shall lay down the rules on penalties applicable to infringements of the national provisions adopted pursuant to this Directive and shall take all measures necessary to ensure that they are implemented. The penalties provided for must be effective, proportionate and dissuasive. Member States shall notify the Commission without delay of any amendment affecting the provisions communicated in accordance with Article 27 of Directive 2010/31/EU . Trilogue 12 October Text Origin: COM Proposal incl. RePowerEU
Article 32				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
443	Article 32 Transposition	Article 32 Transposition	Article 32 Transposition	Article 32 Transposition Text Origin: COM Proposal incl. RePowerEU
Article 32(1), first subparagraph				
444	1. Member States shall bring into force the laws, regulations and administrative provisions necessary to comply with Articles 1 to 3, 5 to 26, 29 and 32 and Annexes I to III and V to IX by [...] . They shall immediately communicate the text of those measures and a correlation table to the Commission.	1. Member States shall—bring into force the laws, regulations and administrative provisions necessary to comply with Articles 1 to 3, 5 to 26, 29 and 32— ~~and~~ <u>and Annexes I to III and V to IX by ...[...]~~24 months after the date of entry into force of this Directive~~].—</u> They shall immediately communicate the text of those measures and a correlation table to the Commission.	1. Member States shall— bring into force— the laws, regulations and administrative provisions necessary to comply with Articles 1 to 3, 5 to 26, 29 and 32— ~~and~~ and Annexes I to III and V to IX by [...]— They shall immediately communicate the text of those measures and a correlation table to the Commission.	1. <u>1. [AI]</u> Member States shall—bring into force—the laws, regulations and administrative provisions necessary to comply with Articles—1 to 3, 5 to 26, 29 and 32— ~~and~~ — <u>and</u> Annexes I to III and V to IX by [...] <u>24 months after the date of entry into force of this Directive</u>].— They shall immediately communicate the text of those measures and a correlation table to the Commission.
Article 32(1), first subparagraph a				
444a				<u>Member States shall bring into force the laws, regulations and administrative provisions necessary to comply with Article 15(10) by 1 January 2025.</u> As agreed when discussing line 329,

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				art 15. Tech. follow-up to 12 Oct Trilogue
Article 32(1), second subparagraph				
445	When Member States adopt those measures, they shall contain a reference to this Directive or be accompanied by such a reference on the occasion of their official publication. They shall also include a statement that references in existing laws, regulations and administrative provisions to the Directive repealed by this Directive shall be construed as references to this Directive. Member States shall determine how such reference is to be made and how that statement is to be formulated.	When Member States adopt those measures, they shall contain a reference to this Directive or be accompanied by such a reference on the occasion of their official publication. They shall also include a statement that references in existing laws, regulations and administrative provisions to the Directive repealed by this Directive shall be construed as references to this Directive. Member States shall determine how such reference is to be made and how that statement is to be formulated.	-When Member States adopt– those measures, they shall contain a reference to this Directive or be accompanied by such a reference on the occasion of their official publication. They shall also include a statement that references in existing laws, regulations and administrative provisions to ~~the~~ the Directive– repealed by this Directive– shall be construed as references to this Directive. Member States shall determine how such reference is to be made and how that statement is to be formulated.	
Article 32(2)				
446	2. Member States shall communicate to the Commission the text of the main provisions of national law which they adopt in the field covered by this Directive.	2. Member States shall communicate to the Commission the text of the main provisions of national law which they adopt in the field covered by this Directive.	2. Member States shall communicate to the Commission the text of the main provisions of national law which they adopt in the field covered by this Directive.	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
Article 33				
447	Article 33 Repeal	Article 33 Repeal	Article 33 Repeal	
Article 33, first paragraph				
448	Directive 2010/31/EU , as amended by the acts listed in Annex VIII, Part A, is repealed with effect from [...] , without prejudice to the obligations of the Member States relating to the time- limits for the transposition into national law and the dates of application of the Directives set out in Annex VIII, Part B.	Directive 2010/31/EU , as amended by the acts listed in Annex VIII, Part A, is repealed with effect from [...] , without prejudice to the obligations of the Member States relating to the time- limits for the transposition into national law and the dates of application of the Directives set out in Annex VIII, Part B.	Directive– 2010/31/EU– , as amended by the– acts listed– in Annex VIII, Part A, is– repealed with effect from–[–]– [...] , without prejudice to the obligations of the Member States relating to the– time- limits–for the– for the transposition into national law and the dates of– application of the Directives– set out in Annex VIII, Part B.	
Article 33, second paragraph				
449	References to the repealed Directive shall be construed as references to this Directive and shall be read in accordance with the correlation table in Annex IX.	References to the repealed Directive shall be construed as references to this Directive and shall be read in accordance with the correlation table in Annex IX.	References to– the repealed Directive– shall be construed as references to this Directive and shall be read in accordance with the correlation table in Annex IX.	
Article 34				
450	Article 34	Article 34	Article 34	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	Entry into force	Entry into force	Entry into force	
Article 34, first paragraph				
451	This Directive shall enter into force on the twentieth day following that of its publication in the Official Journal of the European Union.	This Directive shall enter into force on the twentieth day following that of its publication in the Official Journal of the European Union.	This Directive shall enter into force on the— twentieth— day following that of— its publication in the Official Journal of the European Union ~~Official Journal of the European Union.~~	
Article 34, second paragraph				
452	Articles 4, 27, 28, 30, 31 and 33 to 35 and Annex IV shall apply from [the day after the date in the first subparagraph of Article 32].	~~Articles 4, 27, 28, 30, 31 and 33 to 35—~~ and Annex IV shall apply from [the day after the date ~~in the first subparagraph of Article 32~~ <u>of transposition/24 months after the date of entry into force of this Directive plus 1 day</u>].	~~Articles 4, 27, 28, 30, 31 and 33 to 35—~~ and Annex IV shall apply from [the day after the date in the first subparagraph of Article 32].	
Article 35				
453	Article 35 Addressees	Article 35 Addressees	Article 35 Addressees	
Article 35, first paragraph				
454	This Directive is addressed to the	This Directive is addressed to the	This Directive is addressed to the	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	Member States.	Member States.	Member States.	
Formula				
455	Done at Brussels,	Done at ~~Brussels~~ ,	Done at Brussels,	
Formula				
456	For the European Parliament	For the European Parliament	For the European Parliament	
Formula				
457	The President	The President	The President	
Formula				
458	For the Council	For the Council	For the Council	
Formula				
459	The President	The President	The President	
Annex I				
460	Annex I	Annex I	Annex I	Annex I Text Origin: COM Proposal incl. RePowerEU

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	Annex I, first paragraph			
461	Common general framework for the calculation of energy performance of buildings	Common general framework for the calculation of energy performance of buildings	Common general framework for the calculation of energy performance of buildings	Common general framework for the calculation of energy performance of buildings Text Origin: COM Proposal incl. RePowerEU
	Annex I, second paragraph			
462	(referred to in Article 4)	(referred to in Article 4)	(referred to in Article 4)	(referred to in Article 4) Text Origin: COM Proposal incl. RePowerEU
	Annex I, point 1., first subparagraph			
463	1. The energy performance of a building shall be determined on the basis of calculated or metered energy use and shall reflect typical energy use for space heating, space cooling, domestic hot water, ventilation, built-in lighting and other technical building systems. Member States shall ensure that the typical energy use is representative of actual operating conditions for each relevant typology and reflects	1. The energy performance of a building shall be determined on the basis of calculated or metered energy use and shall reflect typical energy use for space heating, space cooling, domestic hot water, ventilation, built-in lighting and other technical building systems. Member States shall ensure that the typical energy use is representative of actual operating conditions for each relevant typology and reflects	1. The energy performance of a building shall be determined on the basis of calculated or— metered energy use and shall reflect typical energy use for space heating, space cooling, domestic hot water, ventilation, built-in lighting and other technical building systems. Member States shall ensure that the typical energy use is representative of actual operating conditions for each relevant typology and reflects	1. The energy performance of a building shall be determined on the basis of calculated or metered energy use and shall reflect typical energy use for space heating, space cooling, domestic hot water, ventilation, built-in lighting and other technical building systems. Member States shall ensure that the typical energy use is representative of actual operating conditions for each relevant typology and reflects

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	the typical user behaviour. Where possible, typical energy use and typical user behaviour shall be based on available national statistics, building codes and metered data.	the typical user behaviour. ~~Where possible,~~ Typical energy use and typical user behaviour shall be based on available national statistics, building codes and metered data.	the typical user behaviour. Where possible, typical energy use and typical user behaviour shall be based on available national statistics, building codes and metered data.	the typical user behaviour. Where possible, typical energy use and typical user behaviour shall be based on available national statistics, building codes and metered data. Text Origin: COM Proposal incl. RePowerEU
Annex I, point 1., second subparagraph				
Y	464 Where metered energy is the basis for calculating the energy performance of buildings, the calculation methodology shall be capable of identifying the influence of the behaviour of occupants and the local climate, which shall not be reflected in the result of the calculation. Metered energy to be used for the purposes of calculating the energy performance of buildings shall require readings of at least hourly intervals and must differentiate between energy carriers.	Where metered energy is the basis for calculating the energy performance of buildings, the calculation methodology shall be capable of identifying the influence of the behaviour of occupants and the local climate, which shall not be reflected in the result of the calculation. Metered energy to be used for the purposes of calculating the energy performance of buildings shall require readings of at least hourly intervals and must differentiate between energy carriers.	Where metered energy is the basis for calculating the energy performance of buildings, the calculation methodology shall be capable of identifying the influence of the behaviour of occupants and the local climate, which shall not be reflected in the result of the calculation. Metered energy to be used for the purposes of calculating the energy performance of buildings shall require readings of at least ~~hourly~~ monthly intervals and must differentiate between energy carriers.	Discussion ongoing
Annex I, point 1., third subparagraph				
G	465 Member States may use metered	Member States may use metered	Member States may use metered	Member States may use metered

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	energy consumption under typical operating conditions to verify the correctness of the calculated energy use and enable comparison between calculated and actual performance. Metered energy consumption for the purposes of verification and comparison may be based on monthly readings.	energy consumption under typical operating conditions to verify the correctness of the calculated energy use and enable comparison between calculated and actual performance. Metered energy consumption for the purposes of verification and comparison may be based on monthly readings.	energy consumption under typical operating conditions to verify the correctness of the calculated energy use and enable comparison between calculated and actual performance. Metered energy consumption for the purposes of verification and comparison may be based on monthly readings.	energy consumption under typical operating conditions to verify the correctness of the calculated energy use and enable comparison between calculated and actual performance. Metered energy consumption for the purposes of verification and comparison may be based on monthly readings. Text Origin: COM Proposal incl. RePowerEU
Annex I, point 1., fourth subparagraph				
466	The energy performance of a building shall be expressed by a numeric indicator of primary energy use per unit of reference floor area per year, in kWh/(m ² .y) for the purpose of both energy performance certification and compliance with minimum energy performance requirements. The methodology applied for the determination of the energy performance of a building shall be transparent and open to innovation.	The energy performance of a building shall be expressed by a numeric indicator of primary energy use per unit of reference floor area per year, ~~in kWh/(m² in kWh/(m².y)~~ for the purpose of both energy performance certification and compliance with minimum energy performance requirements. <u>Numeric indicators of final energy use per unit of reference floor area per year, in kWh/(m².y) and of energy needs according to ISO 52000 in kWh/(m².y) shall be used.</u> The methodology applied for the determination of the energy	The energy performance of a building shall be expressed by a numeric indicator of primary energy use per unit of ~~reference~~ useful floor area per year, in kWh/(m ² .y) for the purpose of both energy performance certification and compliance with minimum energy performance requirements. The methodology applied for the determination of the energy performance of a building shall be transparent and open to innovation.	The energy performance of a building shall be expressed by a numeric indicator of primary energy use per unit of reference floor area per year, in kWh/(m ² .y) for the purpose of both energy performance certification and compliance with minimum energy performance requirements. <u>Numeric indicator[s] of final energy use per unit of reference floor area per year, in kWh/(m².y) [and of energy needs in kWh/(m².y)] shall be used.</u> The methodology applied for the determination of the energy performance of a building shall be

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		performance of a building shall be transparent and open to innovation <u>and reflect best practices, in particular from additional indicators.</u>		transparent and open to innovation.
Annex I, point 1., fifth subparagraph				
467	Member States shall describe their national calculation methodology based on Annex A of the key European standards on energy performance of buildings , namely EN ISO 52000-1, EN ISO 52003-1, EN ISO 52010-1, EN ISO 52016-1, EN ISO 52018-1, EN 16798-1 and EN 17423 or superseding documents . This provision shall not constitute a legal codification of those standards.	Member States shall describe their national calculation methodology—based on Annex A of the—key European—standards on energy performance of buildings—, namely— ~~EN~~ <u>EN</u> ISO 52000-1,— ~~EN~~ ISO—52003-1,— ~~EN~~ ISO—52010-1,— ~~EN~~ ISO—52016-1,— ~~EN~~ ISO—52018-1,— ~~EN~~ 16798-1, <u>EN 52120-1</u> and EN 17423 or superseding documents—. This provision shall not constitute a legal codification of those standards.	Member States shall describe their national calculation methodology based on Annex A— of the— key European— standards— on energy performance of buildings—, namely ~~EN~~ EN ISO 52000-1,— EN ISO 52003-1,— EN ISO— 52010-1,— EN ISO— 52016-1,— EN ISO— 52018-1,— EN 16798-1 and EN 17423 or superseding documents—. This provision shall not constitute a legal codification of those standards.	Member States shall describe their national calculation methodology based on Annex A— of the— key European— standards— on energy performance of buildings—, namely— ~~EN~~ <u>EN</u> ISO 52000-1, EN ISO—52003-1,— ~~EN~~ ISO 52010-1,— ~~EN~~ ISO—52016-1,— ~~EN~~ ISO—52018-1,— ~~EN~~ 16798-1, <u>EN 52120-1</u> and EN 17423 or superseding documents—. This provision shall not constitute a legal codification of those standards. list as such ok, check whether need for revision/upgrade/update
Annex I, point 1., sixth subparagraph				
468	Member States shall take the necessary measures to ensure that, where buildings are supplied by	Member States shall take the necessary measures to ensure that, where buildings are supplied by	Member States shall take the necessary measures to ensure that, where buildings are supplied by	Member States shall take the necessary measures to ensure that, where buildings are supplied by

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	district heating or cooling systems, the benefits of such supply are recognised and accounted for in the calculation methodology through individually certified or recognised primary energy factors.	district heating or cooling systems, the benefits of such supply are recognised and accounted for in the calculation methodology <u>in particular the renewable energy share</u> through individually certified or recognised primary energy factors.	district heating or cooling systems, the benefits of such supply are recognised and accounted for in the calculation methodology through individually certified or recognised primary energy factors.	district heating or cooling systems, the benefits of such supply are recognised and accounted for in the calculation methodology <u>in particular the renewable energy share</u> through individually certified or recognised primary energy factors. Text Origin: EP Mandate
Annex I, point 2., first subparagraph				
469	2. The energy needs and energy use for space heating, space cooling, domestic hot water, ventilation, lighting and other technical building systems shall be calculated using hourly or sub-hourly time calculation intervals in order to account for varying conditions that significantly affect the operation and performance of the system and the indoor conditions, and to optimise health, indoor air quality and comfort levels defined by Member States at national or regional level.	2. The energy needs— and energy use— for space heating, space cooling, domestic hot water, ventilation, lighting and other technical building systems shall be calculated— using hourly or sub-hourly time calculation intervals in order to account for varying conditions that significantly affect the operation and performance of the system and the indoor conditions, and— to optimise <u>costs</u> , health, indoor ~~air~~ <u>environmental</u> quality and comfort levels defined by Member States at national or regional level. <u>The calculation shall include an estimation of the thermal responsiveness of the building and its capacity to offer</u>	2. The energy needs— and energy use— for space heating, space cooling, domestic hot water, ventilation, lighting and other technical building systems shall be calculated— using monthly , hourly or sub-hourly time calculation intervals in order to account for varying conditions that significantly affect the operation and performance of the system and the indoor conditions, and— to optimise health, indoor air quality and comfort levels defined by Member States at national or regional level.	discussion ongoing

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>flexibility to the energy grid.</u>		
Annex I, point 2., second subparagraph				
470	Where product-specific regulations for energy-related products adopted under Regulation 2009/125/EC include specific product information requirements for the purpose of the calculation of energy performance under this Directive, national calculation methods shall not require additional information.	Where product-specific regulations for energy-related products adopted under Regulation 2009/125/EC include specific product information requirements for the purpose of the calculation of energy performance <u>and life-cycle GWP</u> under this Directive, national calculation methods shall not require additional information.	Where product-specific regulations for energy-related products adopted under Regulation 2009/125/EC include specific product information requirements for the purpose of the calculation of energy performance under this Directive, national calculation methods shall not require additional information.	Where product-specific regulations for energy-related products adopted under Regulation 2009/125/EC include specific product information requirements for the purpose of the calculation of energy performance <u>and life-cycle GWP</u> under this Directive, national calculation methods shall not require additional information. Text Origin: EP Mandate
Annex I, point 2., third subparagraph				
471	The calculation of primary energy shall be based on primary energy factors, (distinguishing non-renewable, renewable and total) per energy carrier, which have to be recognised by the national authorities. Those primary energy factors may be based on national, regional or local information. Primary energy factors may be set on an annual, seasonal, monthly, daily or hourly basis or on more	The calculation of primary energy shall be based on <u>dynamic and forward-looking</u> primary energy factors, (distinguishing non-renewable, renewable and total) per energy carrier, which have to be recognised by the national authorities <u>and taking into account the expected energy mix on the basis of its national energy and climate plan</u> . Those primary energy factors may be based on	The calculation of primary energy shall be based on primary energy factors, (distinguishing non-renewable, renewable and total) or weighting factors per energy carrier, which have to be recognised by the national authorities. Those primary energy factors may be based on national, regional or local information. Primary energy factors may be set on an annual, seasonal,	Discussion ongoing

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	specific information made available for individual district systems .	national, regional or local information. Primary energy factors may be set on an ~~an~~ annual, seasonal, ~~monthly~~ , ~~daily~~ or hourly basis ~~or on more specific information made available for individual district systems~~ .	monthly, ~~daily~~ or hourly basis or on more specific information made available for individual district ~~systems~~ .	
Annex I, point 2., fourth subparagraph				
472	Primary energy factors or weighting factors shall be defined by Member States. The choices made and data sources shall be reported according to EN 17423 or any superseding document. Member States may opt for an average EU primary energy factor for electricity established pursuant to Directive (EU) .../... [recast EED] instead of a primary energy factor reflecting the electricity mix in the country.	~~Primary energy factors or weighting factors shall be defined by Member States.~~ The choices made and data sources shall be reported according to EN 17423 or any superseding document. Member States ~~may opt for an average EU~~ <u>shall use a</u> primary energy factor for electricity ~~established pursuant to Directive (EU) .../... [recast EED] instead of a primary energy factor reflecting the electricity mix in the country~~ <u>reflecting the electricity mix in the country. When defining those factors, Member States shall ensure that the optimal energy performance of the building envelope is pursued.</u>	Primary energy factors or weighting factors shall be defined by Member States. The choices made and data sources shall be reported according to EN 17423 or any superseding document. Member States may opt for an average EU primary energy factor for electricity established pursuant to Directive (EU) .../... [recast EED] instead of a primary energy factor reflecting the electricity mix in the country.	Discussion ongoing
Annex I, point 3.				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
473	3. For the purpose of expressing the energy performance of a building, Member States may define additional numeric indicators of total, non-renewable and renewable primary energy use, and of operational greenhouse gas emissions produced in kgCO ₂ eq/(m ² .y).	3. For the purpose of expressing the energy performance of a building, Member States ~~may~~ <u>shall</u> define additional numeric indicators of total, non-renewable and renewable primary energy use, and of ~~operational~~ <u>and embodied</u> greenhouse gas ~~emissions~~ produced in ~~kgCO₂eq/(m².y)~~ <u>kgCO₂eq/(m².y) over the expected service life of the building.</u>	3. For the purpose of expressing the energy performance of a building, Member States may define additional numeric indicators of total, non-renewable and renewable primary energy use, and of ~~operational~~ greenhouse gas ~~emissions~~ produced in kgCO ₂ eq/(m ² .y).	3. For the purpose of expressing the energy performance of a building, Member States ~~may~~ <u>shall</u> define additional numeric indicators of total, non-renewable and renewable primary energy use, and of ~~operational~~ greenhouse gas ~~emissions~~ produced in kgCO ₂ eq/(m ² .y).
Annex I, point 3a.				
473a		<u>3a. In the calculation of the primary energy factors for the purpose of calculating the energy performance of buildings, Member States may take into account renewable energy sources supplied and renewable energy sources that are generated and used onsite.</u>		deleted to move to recital
Annex I, point 4.				
474	4. The methodology shall be laid down taking into consideration at least the following aspects:	4. The methodology shall be laid down taking into consideration at least the following aspects:	4. The methodology shall be laid down taking into consideration at least the following aspects:	4. The methodology shall be laid down taking into consideration at least the following aspects:

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				Text Origin: COM Proposal incl. RePowerEU
Annex I, point 4.(a)				
475	(a) the following actual thermal characteristics of the building including its internal partitions:	(a) the following actual thermal characteristics of the building including its internal partitions:	(a) the following actual thermal characteristics of the building including its internal partitions:	(a) the following actual thermal characteristics of the building including its internal partitions: Text Origin: COM Proposal incl. RePowerEU
Annex I, point 4.(a)(i)				
476	(i) thermal capacity;	(i) thermal capacity;	(i) thermal capacity;	(i) thermal capacity; Text Origin: COM Proposal incl. RePowerEU
Annex I, point 4.(a)(ii)				
477	(ii) insulation;	(ii) insulation;	(ii) insulation;	(ii) insulation; Text Origin: COM Proposal incl. RePowerEU
Annex I, point 4.(a)(iii)				
478	(iii) passive heating;	(iii) passive heating;	(iii) passive heating;	(iii) passive heating; Text Origin: COM Proposal

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				incl. RePowerEU
	Annex I, point 4.(a)(iv)			
G 479	(iv) cooling elements;	(iv) cooling elements;	(iv) cooling elements;	(iv) cooling elements; Text Origin: COM Proposal incl. RePowerEU
	Annex I, point 4.(a)(v)			
G 480	(v) thermal bridges;	(v) thermal bridges;	(v) thermal bridges;	(v) thermal bridges; Text Origin: COM Proposal incl. RePowerEU
	Annex I, point 4.(b)			
G 481	(b) heating installation and hot water supply, including their insulation characteristics;	(b) heating installation and hot water supply, including their insulation characteristics;	(b) heating installation and hot water supply, including their insulation characteristics;	(b) heating installation and <u>domestic</u> hot water supply, including their insulation characteristics;
	Annex I, point 4.(ba)			
Y 481a		<u>(ba) capacity of installed on-site renewables, bidirectional electric vehicle charging infrastructure, demand-response and storage;</u>		<u>(ba) capacity of installed on-site renewables, [demand-response] and storage;</u> bracketed provisions, to be discussed

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				as part of the broader topic of demand-side flexibility."
Annex I, point 4.(c)				
482	(c) air-conditioning installations;	(c) air-conditioning installations;	(c) air-conditioning installations;	(c) air-conditioning installations; Text Origin: COM Proposal incl. RePowerEU
Annex I, point 4.(d)				
483	(d) natural and mechanical ventilation which may include air-tightness;	(d) natural and mechanical ventilation which may include air-tightness <u>and heat recovery</u> ;	(d) natural and mechanical ventilation which may include air-tightness;	(d) natural and mechanical ventilation which may include air-tightness <u>and heat recovery</u> ; Text Origin: EP Mandate
Annex I, point 4.(e)				
484	(e) built-in lighting installation (mainly in the non-residential sector);	(e) built-in lighting installation (mainly in the non-residential sector);	(e) built-in lighting installation (mainly in the non-residential sector);	(e) built-in lighting installation (mainly in the non-residential sector); Text Origin: COM Proposal incl. RePowerEU
Annex I, point 4.(f)				
485	(f) the design, positioning and orientation of the building,	(f) the design, positioning and orientation of the building,	(f) the design, positioning and orientation of the building,	(f) the design, positioning and orientation of the building,

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	including outdoor climate;	including outdoor climate;	including outdoor climate;	including outdoor climate; Text Origin: COM Proposal incl. RePowerEU
Annex I, point 4.(g)				
486	(g) passive solar systems and solar protection;	(g) passive solar systems and solar protection;	(g) passive solar systems and solar protection;	(g) passive solar systems and solar protection; Text Origin: COM Proposal incl. RePowerEU
Annex I, point 4.(h)				
487	(h) indoor climatic conditions, including the designed indoor climate;	(h) indoor climatic conditions, including the designed indoor climate;	(h) indoor climatic conditions, including the designed indoor climate;	(h) indoor climatic conditions, including the designed indoor climate; Text Origin: COM Proposal incl. RePowerEU
Annex I, point 4.(i)				
488	(i) internal loads.	(i) internal loads.	(i) internal loads.	(i) internal loads. Text Origin: COM Proposal incl. RePowerEU
Annex I, point 4.(ia)				
488a				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>(ia) building automation and control systems and their capabilities to monitor, control and optimise energy performance;</u>		<u>(ia) building automation and control systems and their capabilities to monitor, control and optimise energy performance;</u> Text Origin: EP Mandate
Annex I, point 4.(ib)				
488b		<u>(ib) efficiency of electrical installations (IEC EN 60364-8-1).</u>		deleted
Annex I, point 5.				
489	5. The positive influence of the following aspects shall be taken into account:	5. The positive influence of the following aspects shall be taken into account:	5. The positive influence of the following aspects shall be taken into account:	5. The positive influence of the following aspects shall be taken into account: Text Origin: COM Proposal incl. RePowerEU
Annex I, point 5.(a)				
490	(a) local solar exposure conditions, active solar systems and other heating and electricity systems based on energy from renewable sources;	(a) local solar exposure conditions, active solar systems and other heating and electricity systems based on energy from renewable sources;	(a) local solar exposure conditions, active solar systems and other heating and electricity systems based on energy from renewable sources;	(a) local solar exposure conditions, active solar systems and other heating and electricity systems based on energy from renewable sources; Text Origin: COM Proposal incl. RePowerEU

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	Annex I, point 5.(b)			
G 491	(b) electricity produced by cogeneration;	(b) electricity produced by cogeneration;	(b) electricity produced by cogeneration;	(b) electricity produced by cogeneration; Text Origin: COM Proposal incl. RePowerEU
	Annex I, point 5.(c)			
G 492	(c) district or block heating and cooling systems;	(c) district or block heating and cooling systems;	(c) district or block heating and cooling systems;	(c) district or block heating and cooling systems; Text Origin: COM Proposal incl. RePowerEU
	Annex I, point 5.(d)			
G 493	(d) natural lighting.	(d) natural lighting.:	(d) natural lighting.	(d) natural lighting. Text Origin: COM Proposal incl. RePowerEU
	Annex I, point 5.(da)			
G 493a		<u>(da) demand-side flexibility capability (EN 50491-12-1).</u>		<u>(da) electrical and/or thermal storage systems.</u> Tech. follow-up to 12 Oct Trilogue

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
Annex I, point 6.				
494	6. For the purpose of the calculation buildings should be adequately classified into the following categories:	6. For the purpose of the calculation buildings should be adequately classified into the following categories:	6. For the purpose of the calculation buildings should be adequately classified into the following categories:	6. For the purpose of the calculation buildings should be adequately classified into the following categories: Text Origin: COM Proposal incl. RePowerEU
Annex I, point 6.(a)				
495	(a) single-family houses of different types;	(a) single-family houses of different types;	(a) single-family houses of different types;	(a) single-family houses of different types; Text Origin: COM Proposal incl. RePowerEU
Annex I, point 6.(b)				
496	(b) apartment blocks;	(b) apartment blocks;	(b) apartment blocks;	(b) apartment blocks; Text Origin: COM Proposal incl. RePowerEU
Annex I, point 6.(c)				
497	(c) offices;	(c) offices;	(c) offices;	(c) offices; Text Origin: COM Proposal incl. RePowerEU

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
Annex I, point 6.(d)				
498	(d) educational buildings;	(d) educational buildings;	(d) educational buildings;	(d) educational buildings; Text Origin: COM Proposal incl. RePowerEU
Annex I, point 6.(e)				
499	(e) hospitals;	(e) hospitals;	(e) hospitals;	(e) hospitals; Text Origin: COM Proposal incl. RePowerEU
Annex I, point 6.(f)				
500	(f) hotels and restaurants;	(f) hotels and restaurants;	(f) hotels and restaurants;	(f) hotels and restaurants; Text Origin: COM Proposal incl. RePowerEU
Annex I, point 6.(g)				
501	(g) sports facilities;	(g) sports facilities;	(g) sports facilities;	(g) sports facilities; Text Origin: COM Proposal incl. RePowerEU
Annex I, point 6.(h)				
502	(h) wholesale and retail trade	(h) wholesale and retail trade	(h) wholesale and retail trade	(h) wholesale and retail trade

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	services buildings;	services buildings;	services buildings;	services buildings; Text Origin: COM Proposal incl. RePowerEU
Annex I, point 6.(i)				
503	(i) other types of energy-consuming buildings.	(i) other types of energy-consuming buildings.	(i) other types of energy-consuming buildings.	(i) other types of energy-consuming buildings. Text Origin: COM Proposal incl. RePowerEU
Annex II				
504	Annex II	Annex II	Annex II To be addressed separately outside TTE because of formatting. Technically not possible to add new columns or new lines/rows.	
Annex II, first paragraph				
505	Template for the national building renovation plans	Template for the national building renovation plans	Template for the national building renovation plans	
Annex II, second paragraph				
506	(referred to in Article 3)	(referred to in Article 3)	(referred to in Article 3)	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
Annex II, Table 1, Column 1, Row 1				
507	EPBD Article 3	EPBD Article 3	EPBD Article 3	
Annex II, Table 1, Column 1, Row 2				
508	(a) Overview of the national building stock	(a) Overview of the national building stock	(a) Overview of the national building stock	
Annex II, Table 1, Column 1, Row 12				
509	(b) Roadmap for 2030, 2040, 2050	(b) Roadmap for 2030, 2040, 2050	(b) Roadmap for 2030, 2040, 2050	
Annex II, Table 1, Column 1, Row 20				
510	(c) Overview of implemented and planned policies and measures	(c) Overview of implemented and planned policies and measures	(c) Overview of implemented and planned policies and measures	
Annex II, Table 1, Column 1, Row 21				
511	(d) Outline of the investment needs, the budgetary sources and the administrative resources	(d) ~~Outline~~ <u>Detailed roadmap</u> of the investment needs, the budgetary sources and the administrative resources <u>[Row 21a]</u>	(d) Outline of the investment needs, the budgetary sources and the administrative resources GA has e) f) and g) in addition e) Thresholds of new and renovated	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>(da) roadmap on energy poverty</u>	zero-emission buildings, referred to in Article 9b f) Minimum energy performance standards for non residential buildings g) Minimum energy performance standards for residential buildings	
Annex II, Table 1, Column 2, Row 1				
512	Mandatory Indicators	Mandatory Indicators	Mandatory Indicators	
Annex II, Table 1, Column 2, Row 2				
513	Number of buildings and total floor area (m2): — per building type (including public buildings and social housing) — per energy performance class — NZEB — worst-performing (including a definition)	Number of buildings and total floor area (~~m2~~): ~~m²~~ : — per building type (including public buildings and social housing) — per energy performance class — NZEB — worst-performing (including a definition <u>of classes E, F, G</u>) <u>Overview of energy source types for space and water heating, cooling and estimated obsolescence dates of heating and cooling systems</u> — <u>annual replacement rates for</u>	Number of buildings and total floor area (~~m2~~): ~~m²~~ : — per building type (including public buildings and social housing) — per energy performance class — NZEB — worst-performing (including a definition)	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>heating and cooling appliances for space and water heating and cooling</u> — <u>number and type of appliances replaced every year (over the previous 5 years covered by the plan);</u> — <u>type of appliances newly installed</u> <u>Overview of the total share, number and location of unoccupied buildings, and vacant properties in common-property buildings</u> <u>Number of buildings categorised as officially protected as part of a designated environment or because of their special architectural or historical merit as compared to 2020.</u>		
Annex II, Table 1, Column 2, Row 3				
514	Number of energy performance certificates: — per building type (including public buildings) — per energy performance class	Number of energy performance certificates: — per building type (including public buildings) — per energy performance class	Number of energy performance certificates: — per building type (including public buildings) — per energy performance class	
Annex II, Table 1, Column 2, Row 4				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
515	Annual renovation rates: number and total floor area (m2) — per building type — to nearly zero-energy building levels — per renovation depth (weighted average renovation) — deep renovations — public buildings	Annual renovation rates: number and total floor area (~~m2~~ <u>m²</u>) — per building type — to nearly zero-energy <u>and to zero-emission</u> building levels — per renovation depth (weighted average renovation) — deep renovations — public buildings	Annual renovation rates: number and total floor area (~~m2~~ <u>m²</u>) — per building type — to nearly zero-energy building levels — per renovation depth (weighted average renovation) — ~~deep renovations~~ — ~~public buildings~~	
Annex II, Table 1, Column 2, Row 5				
516	Primary and final annual energy consumption (ktoe): — per building type — per end use Energy savings (Ktoe): — per building type — public buildings Share of renewable energy in the building sector (MW generated): — for different uses — on-site — off-site	Primary and final annual energy consumption (ktoe) <u>and (annual demand in ktoe and seasonal peak demand in GWh/day)</u> : — per building type — per end use Energy savings (Ktoe): — per building type — public buildings Share of renewable energy in the building sector (MW generated): — for different uses — on-site — off-site	Primary and final annual energy consumption (ktoe): — per building type — per end use Average primary energy savings (Ktoeuse in kWh/(m2.y)): — ~~per building type~~ — ~~public for residential~~ buildings Share of renewable energy in the building sector (MW generated): — - for different uses	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
			Energy savings (Ktoe): - residential - non-residential - public bodies — on-site — off-site	
Annex II, Table 1, Column 2, Row 6				
517	Annual greenhouse gas emissions (kgCO ₂ eq/(m ² .y): — per building type (including public buildings) Annual greenhouse gas emission reduction (kgCO ₂ eq/(m ² .y): — per building type (including public buildings)	Annual <u>operational</u> greenhouse gas emissions (~~kgCO₂eq/(m².y)~~ kgCO ₂ eq/(m ² .y): — per building type (including public buildings) Annual <u>operational</u> greenhouse gas emission reduction (~~kgCO₂eq/(m².y)~~ kgCO ₂ eq/(m ² .y): — per building type (including public buildings) <u>Annual life-cycle GWP (kgCO₂eq/(m².y)):</u> <u>— per building type</u> <u>Annual life-cycle GWP reduction (kgCO₂eq/(m².y)):</u> <u>— per building type</u>	Annual greenhouse gas emissions (kgCO ₂ eq/(m ² .y): — per building type (including public buildings)kgCO ₂ eq/(m ² .y) Annual greenhouse gas emission reduction (kgCO ₂ eq/(m ² .y): — per building type (including public buildings)kgCO ₂ eq/(m ² .y)	
Annex II, Table 1, Column 2, Row 7				
518	Market barriers and failures	Market barriers and failures	Market barriers and failures	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	(description): — Split incentives — Capacity of construction and energy sector Overview of the capacities in the construction, energy efficiency and renewable energy sectors	(description): — Split incentives — Capacity of construction and energy sector Overview of the capacities in the construction, energy efficiency and renewable energy sectors <u>Number of:</u> — <u>energy service companies</u> — <u>construction companies</u> — <u>architects and engineers</u> — <u>skilled workers</u> — <u>microenterprises and SMEs in the construction/renovation sector</u> — <u>training programmes and facilities focused on energy renovation</u> — <u>one-stop shops per 45 000 inhabitants</u> — <u>renewable energy communities and citizen energy communities</u>	(description): — Split incentives — Capacity of construction and energy sector ~~Overview~~ Evaluation of the capacities in the construction, energy efficiency and renewable energy sectors	
Annex II, Table 1, Column 2, Row 8				
519	Energy poverty (definition): — % of people affected by energy poverty — proportion of disposable household income spent on energy — population living in inadequate dwelling conditions (e.g. leaking	Energy poverty (~~definition~~): — ~~disaggregated by gender~~ : — % of people affected by energy poverty — proportion of disposable household income spent on energy — population living in inadequate	Energy poverty (definition): — % of people affected by energy poverty — proportion of disposable household income spent on energy — population living in inadequate dwelling conditions (e.g. leaking	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	roof) or with inadequate thermal comfort conditions	dwelling conditions (e.g. leaking roof) or with inadequate thermal comfort conditions	roof) or with inadequate thermal comfort conditions	
Annex II, Table 1, Column 2, Row 9				
520	Primary energy factors: — per energy carrier — non-renewable primary energy factor — renewable primary energy factor — total primary energy factor	Primary energy factors: — per energy carrier — non-renewable primary energy factor — renewable primary energy factor — total primary energy factor	Primary energy factors: — per energy carrier — non-renewable primary energy factor — renewable primary energy factor — total primary energy factor	
Annex II, Table 1, Column 2, Row 10				
521	Definition of nearly-zero energy building for new and existing buildings	Definition of nearly-zero energy building for new and existing buildings <u>Description of regions belonging to which climatic zone in accordance with Annex III and number of zero emission buildings per climate zone</u>	Definition of nearly-zero energy building for new and existing buildings	
Annex II, Table 1, Column 2, Row 11				
522	Cost-optimal minimum	Cost-optimal minimum	Cost-optimal minimum	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	requirements for new and existing buildings	requirements for new and existing buildings	requirements for new and existing buildings	
Annex II, Table 1, Column 2, Row 12				
523	Targets for annual renovation rates: number and total floor area (m2): — per building type — worst-performing	Targets for annual renovation rates: number and total floor area ~~(m2):~~ ~~— m²):~~ — <u>per building type</u> — <u>worst-performing</u> — <u>deep renovations</u> <u>Targets for expected share (%) of renovated buildings:</u> — per building type — <u>per renovation depth</u> — <u>per measures for building elements that form part of the building envelope and technical building systems, that have a significant impact of the energy performance of the building</u> ~~worst-performing~~	Targets for annual renovation rates: number and total floor area (m2): — per building type — worst-performing	
Annex II, Table 1, Column 2, Row 13				
524	Target for expected primary and final annual energy consumption (ktoe):	Target for expected primary and final annual energy consumption (ktoe) <u>and annual demand in ktoe</u>	Target for expected primary and final annual energy consumption (ktoe):	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	— per building type — per end use Expected energy savings: — per building type	<u>and seasonal peak demand in GWh/day:</u> — per building type — per end use Expected energy savings: — <u>per building type</u> — <u>share of energy from renewable sources in the building sector (MW generated)</u> — <u>numerical targets for the deployment of solar energy and heat pumps in buildings</u> <u>Targets for the replacement of old and inefficient heaters;</u> <u>Targets for phasing out fossil fuels from heating and cooling systems</u> — per building type <u>as a proportion of total renovation</u> <u>for building achieving over EPC D rating</u> <u>Milestones and trajectories for buildings to achieve the performance classes pursuant to Article 9(1) and higher energy performance classes in line with the climate neutrality goal</u> <u>Targets for increase of share of renewable energy in line with the target for the share of energy from renewable sources in the building</u>	— per building type — per end use Expected energy savings: — - per building type	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>sector set out in Directive (EU) .../... [amended RED]</u> <u>Targets for the decarbonisation of heating and cooling, including through district heating and cooling networks using renewable energy and waste heat in line with the requirements set in Articles 23 and 24 of Directive (EU) .../... [amended EED] and requirements set in Articles 15, 15a, 20, 23 and 24 that Directive.</u>		
Annex II, Table 1, Column 2, Row 14				
525	Targets for expected greenhouse gas emissions (kgCO ₂ eq/(m ² .y): — per building type Targets for expected greenhouse gas emission reduction (%): — per building type	Targets for expected <u>operational</u> greenhouse gas emissions ~~(kgCO₂eq/(m².y))~~ <u>kgCO₂eq/(m².y):</u> — <u>per building type</u> <u>Targets for expected whole life-cycle greenhouse gas emission (kgCO₂eq/(m².y) with five year milestones:</u> — per building type Targets for expected <u>whole life-cycle</u> greenhouse gas emission reduction (%) <u>with five year milestones:</u> — per building type <u>Targets aligned to the Regulation (EU) No 305/2011 for circular use</u>	Targets for expected greenhouse gas emissions (kgCO ₂ eq/(m ² .y): — per building type Targets for expected greenhouse gas emission reduction (%): — per building type	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>of materials, recycled contents and secondary materials, and sufficiency with five year milestones, if any</u> <u>Targets to increase carbon removals associated to the temporary storage of carbon in or on buildings</u>		
Annex II, Table 1, Column 2, Row 15				
526	Expected wider benefits — Creation of new jobs — % reduction of people affected by energy poverty	Expected wider benefits — Creation of new jobs — % reduction of people affected by energy poverty <u>— % reduction of people living in inadequate indoor environment and reduction of costs for health systems due to health improvements through improved indoor environmental quality after renovation</u> <u>— resource efficiency, including efficiency of water usage</u>	Expected wider benefits ~~— Creation of new jobs~~ — % reduction of people affected by energy poverty	
Annex II, Table 1, Column 2, Row 16				
527	Contribution to Member State's binding national target for greenhouse gas emissions pursuant	Contribution to Member State's binding national target for greenhouse gas emissions pursuant		

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	to [revised Effort Sharing Regulation]	to [revised Effort Sharing Regulation]		
Annex II, Table 1, Column 2, Row 17				
528	Contribution to the Union's energy efficiency targets in accordance with Directive (EU) .../.... [recast EED] (share and figure in ktoe, primary and final consumption): — against the overall energy efficiency target	Contribution to the Union's energy efficiency targets in accordance with Directive (EU) .../.... [recast EED] (share and figure in ktoe, primary and final consumption): — against the overall energy efficiency target	The Member State's contribution to the Union's energy efficiency targets in accordance with Article 4 of the Directive (EU) .../.... [recast EED] attributable to its building stock's renovation (share and figure in ktoe, ~~primary and final consumption~~): — ~~against the overall energy efficiency target~~	
Annex II, Table 1, Column 2, Row 18				
529	Contribution to the Union's renewable energy targets in accordance with Directive (EU) 2018/2001 [amended RED] (share, MW generated): — against the overall target for energy from renewable sources — against the indicative target for the share of energy from renewable sources in the building sector	Contribution to the Union's renewable energy targets in accordance with Directive (EU) 2018/2001 [amended RED] (share, MW generated): — against the overall target for energy from renewable sources — against the ~~indicative~~ target for the share of energy from renewable sources in the building sector	The Member State's contribution to the Union's renewable energy targets in accordance with Directive (EU) 2018/2001 [amended RED] (~~share, MW generated~~): — ~~against the overall target for energy from renewable sources~~ — ~~against the indicative target for the~~ attributable to its building stock's renovation (~~share of~~	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
			energy from renewable sources in the building sector, MW generated)	
Annex II, Table 1, Column 2, Row 19				
530	Contribution to Union's 2030 climate target and 2050 climate neutrality goal in accordance with Regulation (EU) 2021/1119 (share and figure in (kgCO ₂ eq/(m ² .y))): — against the overall decarbonisation target	Contribution to Union's 2030 climate target and 2050 climate neutrality goal in accordance with Regulation (EU) 2021/1119 (share and figure in (kgCO ₂ eq/(m ² .y))): — against the overall decarbonisation target	Contribution to Union's 2030 climate target and 2050 climate neutrality goal in accordance with Regulation (EU) 2021/1119 (share and figure in (kgCO ₂ eq/(m ² .y))): — against the overall decarbonisation target ~~deleted~~	
Annex II, Table 1, Column 2, Row 20				
531	Policies and measures with regard to the following elements: (a) the identification of cost-effective approaches to renovation for different building types and climatic zones, considering potential relevant trigger points in the lifecycle of the building; (b) national minimum energy performance standards pursuant to Article 9 and other policies and actions to target the worst-performing segments of the	Policies and measures with regard to the following elements: (a) the identification of ~~cost-effective~~ cost-optimal approaches to renovation for different building types and climatic zones, considering potential relevant trigger points in the lifecycle of the building; (b) national minimum energy performance standards pursuant to Article 9 and other policies and actions to target the worst-	Policies and measures with regard to the following elements: (a) the identification of cost-effective approaches to renovation for different building types and climatic zones, considering potential relevant trigger points in the lifecycle of the building; (b) national minimum energy performance standards pursuant to Article 9 and other policies and actions to target the worst-performing segments of the	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	national building stock; (c) the promotion of deep renovation of buildings, including staged deep renovation; (d) empowering and protecting vulnerable customers and the alleviation of energy poverty, including policies and measures pursuant to Article 22 of Directive (EU) .../... [recast EED], and housing affordability; (e) the creation of one-stop-shops or similar mechanisms for the provision of technical, administrative and financial advice and assistance; (f) the decarbonisation of heating and cooling, including through district heating and cooling networks, and the phase out of fossil fuels in heating and cooling with a view to a complete phase-out by 2040 at the latest; (g) the promotion of renewable energy sources in buildings in line with the indicative target for the share of energy from renewable sources in the building sector set in Article 15a(1) of Directive (EU) 2018/2001 [amended RED]; (h) the reduction of whole life-cycle greenhouse gas emissions for the construction, renovation,	performing segments of the national building stock; (c) the promotion of deep renovation of buildings, including staged deep renovation; <u>(ca) high indoor environmental quality both in new and renovated buildings;</u> (d) empowering and protecting vulnerable customers and the alleviation of energy poverty, including policies and measures pursuant to Article 22 of Directive (EU) .../... [recast EED], and housing affordability; (e) the creation of ~~one-stop-shops~~<u>one-stop shops</u> or similar mechanisms for the provision of technical, administrative and financial advice and assistance; (f) the decarbonisation of heating and cooling, including through <u>efficient</u> district heating and cooling networks <u>in alignment with [revised EED]</u>, and the phase out of fossil fuels in heating and cooling <u>in buildings</u> with a view to a ~~complete~~<u>planned</u> phase-out by <u>2035 and, if not feasible as demonstrated to the Commission, by 2040 at the latest;</u> <u>(fa) the roadmap to the phase out of fossil fuel use in buildings by</u>	national building stock; (c) the promotion of deep renovation of buildings, including staged deep renovation; (d) empowering and protecting vulnerable customers and the alleviation of energy poverty, including policies and measures pursuant to Article 22 of Directive (EU) .../... [recast EED], and housing affordability; (e) the creation of one-stop-shops or similar mechanisms for the provision of technical, administrative and financial advice and assistance; (f) the decarbonisation of heating and cooling, including through district heating and cooling networks, and the phase out of fossil fuels in heating and cooling with a view to a complete phase-out of fossil fuel boilers by 2040 at the latest; (g) the promotion of renewable energy sources in buildings in line with the indicative target for the share of energy from renewable sources in the building sector set in Article 15a(1) of Directive (EU) 2018/2001 [amended RED]; (h) the reduction of whole life-	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	operation and end of life of buildings, and the uptake of carbon removals; (i) prevention and high-quality treatment of construction and demolition waste in line with Directive 2008/98/EC, notably as regards the waste hierarchy, and the objectives of the circular economy; (j) district and neighbourhood approaches, including the role of renewable energy communities and citizen energy communities; (k) the improvement of buildings owned by public bodies, including policies and measures pursuant to Articles 5, 6 and 7 of the [recast EED]; (l) the promotion of smart technologies and infrastructure for sustainable mobility in buildings; (m) addressing market barriers and market failures; (n) addressing skills gaps and mismatches in human capacities, and promoting education, training, upskilling and reskilling in the construction, sector and energy efficiency and renewable energy sectors; and (o) awareness raising campaigns and other advisory tools.	<u>2035 and if not feasible as demonstrated to the Commission, by 2040 at the latest;</u> (g) the promotion of renewable energy sources in buildings in line with the ~~indicative~~ target for the share of energy from renewable sources in the building sector set in Article 15a(1) of Directive (EU) 2018/2001 [amended RED]; <u>(ga) the deployment of solar energy installations on buildings;</u> (h) the reduction of whole life-cycle greenhouse gas emissions for the construction, renovation, operation and end of life of buildings, and the uptake of carbon removals; <u>(ha) the reduction of the overall environmental footprint of all parts and components of buildings, including through the use of sustainable, secondary, preferably locally sourced construction and renovation products;</u> (i) prevention and high-quality treatment of construction and demolition waste in line with Directive 2008/98/EC, ~~notably in~~ <u>particular</u> as regards the waste hierarchy, and the objectives of the circular economy;	cycle greenhouse gas emissions for the construction, renovation, operation and end of life of buildings, and the uptake of carbon removals; ~~(i) prevention and high-quality treatment of construction and demolition waste in line with Directive 2008/98/EC, notably as regards the waste hierarchy, and the objectives of the circular economy;~~ ~~(j) district and neighbourhood approaches, including the role of renewable energy communities and citizen energy communities;~~ (k) the improvement of buildings owned by public bodies, including policies and measures pursuant to Articles 5, 6 and 7 of the [recast EED]; (l) the promotion of smart technologies and infrastructure for sustainable mobility in buildings; (m) addressing market barriers and market failures; ~~(n) addressing skills gaps and mismatches in human capacities, and promoting [...]~~ promotion of skills and education, training, upskilling and reskilling [...] in the construction, sector and energy efficiency and renewable energy	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	For all policies and measures: — Name of policy or measure — Short description (precise scope, objective and modalities of operation) — Quantified objective — Type of policy or measure (such as legislative; economic; fiscal; training, awareness) — Planned budget and funding sources — Entities responsible for implementing the policy — Expected impact — Status of implementation — Date of entry into force — Implementation period	<u>(ia) increase in the coverage of the building stock with energy performance certificates including towards low income households;</u> (j) district and neighbourhood approaches, including the role of renewable energy communities and citizen energy communities; (k) the improvement of buildings owned by public bodies, including policies and measures pursuant to Articles 5, 6 and 7 of the [recast EED]; (l) the promotion of smart technologies and infrastructure for sustainable mobility in buildings; (m) addressing market barriers and market failures; (n) addressing skills gaps and mismatches in human capacities, and promoting education, training, upskilling and reskilling in the construction, sector and energy efficiency and renewable energy sectors <u>including with a gender dimension;</u> <u>(na) Key performance indicators for upskilling and/or reskilling actions, as well as jobs created;</u> ~~and~~ (o) awareness raising campaigns and other advisory tools-; <u>(oa) new the promotion of smart</u>	sectors; and (o) awareness raising campaigns and other advisory tools. For all policies and measures: — Name of policy or measure — Short description (precise scope, objective and modalities of operation) — Quantified objective — Type of policy or measure (such as legislative; economic; fiscal; training, awareness) — Planned budget and funding sources — Entities responsible for implementing the policy — Expected impact — Status of implementation — Date of entry into force — Implementation period	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>technologies for monitoring, analysis and simulation of buildings' energy performance across the whole-life cycle, including 3D modelling technologies;</u> <u>(ob) new inspection schemes including digital tools and checklists, to verify compliance with Building Automation and Control capabilities;</u> <u>(oc) the promotion of energy management solutions, such as Energy Performance Contracts (EnPCs);</u> <u>(od) measures to increase the coverage of the building stock with energy performance certificates or alternative real time measurement systems;</u> <u>(oe) new development and support of citizen-led energy efficiency and renovation initiatives, in particular the role of renewable energy communities and citizen energy communities;</u> For all policies and measures: — <u>Name of policy or measure</u> — <u>Short description (precise scope, objective and modalities of operation)</u> — <u>Quantified objective</u>		

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		— Type of policy or measure (such as legislative; economic; fiscal; training, awareness) — Planned budget and funding sources — Entities responsible for implementing the policy — Expected impact — Status of implementation — Date of entry into force — Implementation period		
Annex II, Table 1, Column 2, Row 21				
532	— Total investment needs for 2030, 2040, 2050 (million EUR) — Public investments (million EUR) — Private investments (million EUR) — Budgetary resources — Secured budget	— Total investment needs for 2030, 2040, 2050 (million EUR) — Public investments (million EUR) — Private investments (million EUR), <u>including energy efficiency loans, mortgages for building renovation, bond issuance or other financing mechanisms</u> — Budgetary resources — Secured budget <u>[Row 21a]</u>	— Total investment needs for 2030, 2040, 2050 (million EUR) — Public investments (million EUR) — Private investments (million EUR) — Budgetary resources — Secured budget	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		— <u>targets for reducing energy poverty rates</u> — <u>number of households in energy poverty</u> — <u>list implemented and planned policies to reduce energy poverty</u> — <u>list of implemented and planned funding measures to reduce energy poverty</u>		
Annex II, Table 1, Column 3, Row 1				
533	Optional Indicators / comments	Optional Indicators / comments	Optional indicators / ~~comments~~ New column "Comments" created by CONS GA	
Annex II, Table 1, Column 3, Row 2				
534	Number of buildings and total floor area (m2): — per building age — per building size — per climatic zone — demolition (number and total floor area)	Number of buildings and total floor area (m2): — per building age — per building size — per climatic zone — demolition (number and total floor area)	Number of buildings and total floor area (m2): — per building age — per building size — per climatic zone — demolition (number and total floor area)	
Annex II, Table 1, Column 3, Row 3				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
535	Number of energy performance certificates: — per construction period	Number of energy performance certificates: — per construction period	Number of energy performance certificates: — per construction period	
Annex II, Table 1, Column 3, Row 4				
536				
Annex II, Table 1, Column 3, Row 5				
537	Reduction in energy costs (EUR) per household (average) Primary energy demand of a building corresponding to the top 15% (substantial contribution threshold) and the top 30% (do no significant harm threshold) of the national building stock, as per the EU Climate Taxonomy Delegated Act Share of heating system in the building sector per boiler/heating system type	Reduction in energy costs (EUR) per household (average) Primary energy demand of a building corresponding to the top 15% (substantial contribution threshold) and the top 30% (do no significant harm threshold) of the national building stock, as per the EU Climate Taxonomy Delegated Act Share of heating system in the building sector per boiler/heating system type	Reduction in energy costs (EUR) per household (average) Primary energy demand ~~and use~~ of a building corresponding to the top 15% (substantial contribution threshold) and the top 30% (do no significant harm threshold) of the national building stock, as per the EU Climate Taxonomy Delegated Act Share of heating system in the building sector per boiler/heating system type Share of renewable energy in the building sector (MW generated): - on-site	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
			- off-site	
Annex II, Table 1, Column 3, Row 6				
538			Indicators distinguished per building type (including public buildings)	
Annex II, Table 1, Column 3, Row 7				
539	Market barriers and failures (description): — Administrative — Financial — Technical — Awareness — Other Number of: — Energy service companies — construction companies — architects and engineers — skilled workers — one-stop-shops — SMES in the construction/renovation sector Projections of the construction workforce: — Architects/engineers/skilled workers retired — Architects/engineers/skilled	Market barriers and failures (description): — Administrative — Financial — Technical — Awareness — Other ~~Number of:~~ ~~— Energy service companies~~ ~~—~~ <u>Projections of the construction companies workforce:</u> ~~— Architects/engineers/skilled workers retired~~ ~~— Architects/engineers/skilled architects and engineers~~ ~~— skilled workers~~ ~~— one-stop-shops~~ ~~— SMES in the~~	Market barriers and failures (description): — Administrative — Financial — Technical — Awareness — Other Number of: — - Energy service companies — construction companies — architects and engineers — skilled workers — one-stop-shops — SMES in the construction/renovation sector Projections of the construction	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	workers entering the market — Young people in the sector — Women in the sector Overview and forecast of the evolution of prices of construction materials and national market developments	~~construction/renovation sector~~ ~~Projections of the construction workforce:~~ ~~— Architects/engineers/skilled workers retired~~ ~~— Architects/engineers/skilled workers entering the market~~ <u>entering the market</u> <u>— installers and/or installation companies of heating systems</u> <u>— maintenance personnel of heating systems</u> — Young people in the sector — Women in the sector Overview and forecast of the evolution of prices of construction materials and national market developments	workforce: — - Architects/engineers/skilled workers retired — Architects/engineers/skilled workers entering the market — Young people in the sector — Women in the sector Overview and forecast of the evolution of prices of construction materials and national market developments	
Annex II, Table 1, Column 3, Row 8				
540				
Annex II, Table 1, Column 3, Row 9				
541				
Annex II, Table 1, Column 3, Row 10				
542	an overview of the legal and	an overview of the legal and	an overview of the legal and	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	administrative framework	administrative framework	administrative framework	
Annex II, Table 1, Column 3, Row 11				
543				
Annex II, Table 1, Column 3, Row 12				
544	Targets for expected share (%) of renovated buildings: — per building type per renovation depth		Targets for expected share (%) of renovated buildings: — per building type - per renovation depth	
Annex II, Table 1, Column 3, Row 13				
545	Share of energy from renewable sources in the building sector (MW generated)		Share of energy from renewable sources in the building sector (MW generated)	
Annex II, Table 1, Column 3, Row 14				
546	Split between emissions covered by Chapter III [stationary installations], Chapter IVa [new emissions trading for buildings and road transport] of Directive 2003/87/EC, and other stock;	Split between emissions covered by Chapter III [stationary installations], Chapter IVa [new emissions trading for buildings and road transport] of Directive 2003/87/EC, and other stock;	~~Split between emissions covered by Chapter III [stationary installations], Chapter IVa [new emissions trading for~~ Indicators distinguished per building type (including public buildings and road transport] of Directive	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
			2003/87/EC, and other stock;)	
Annex II, Table 1, Column 3, Row 15				
547	— Increase of GDP (share and billion Euros)	— Increase of GDP (share and billion Euros)	— Increase of GDP (share and billion Euros) - Creation of new jobs	
Annex II, Table 1, Column 3, Row 16				
548			Contribution to Member State's binding national target for greenhouse gas emissions pursuant to [revised Effort Sharing Regulation]	
Annex II, Table 1, Column 3, Row 17				
549	Contribution to the Union's energy efficiency targets in accordance with Directive (EU) .../... [recast EED] target (share and figure in ktoe, primary and final [consumption]: — against Article 8 EED target (energy savings obligation)		Contribution to the Union's energy efficiency targets in accordance with Directive (EU) .../... [recast EED] target (share and figure in ktoe, primary and final [consumption]: — against Article 8 EED target (energy savings obligation) ~~deleted~~	
Annex II, Table 1, Column 3, Row 18				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
550			Contribution to the Union's renewable energy targets in accordance with Directive (EU) 2018/2001 [amended RED] (share, MW generated): - [against the overall target for energy from renewable sources]	
Annex II, Table 1, Column 3, Row 19				
551			Contribution to Union's 2030 climate target and 2050 climate neutrality goal in accordance with Regulation (EU) 2021/1119 (share and figure in (kgCO₂eq/(m².y)): - against the overall decarbonisation target	
Annex II, Table 1, Column 3, Row 20				
552	Policies and measures with regard to the following elements: (a) the increase of climate resilience of buildings; (b) the promotion of the energy services market; (c) the increase of fire safety; (d) the increase of resilience	Policies and measures with regard to the following elements: (a) the increase of climate resilience of buildings; (b) the promotion of the energy services market; (c) the increase of fire safety; (d) the increase of resilience	Policies and measures with regard to the following elements: (a) the increase of climate resilience of buildings; (b) the promotion of the energy services market; (c) the increase of fire safety; (d) the increase of resilience	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	against disaster risks, including risks related to intense seismic activity; (e) the removal of hazardous substances including asbestos; and (f) accessibility for persons with disabilities. For all policies and measures: — administrative resources and capacities — area(s) covered: — worst-performing — minimum energy performance standards — energy poverty, social housing — public buildings — residential (single-family, multi family) — non-residential — industry — renewable energy sources — phase-out of fossil fuels in heating and cooling — whole life-cycle greenhouse gas emissions — circular economy and waste — one-stop-shops — renovation passports — smart technologies — sustainable mobility in buildings — district and neighbourhood approaches	against disaster risks, including risks related to intense seismic activity; (e) the removal of hazardous substances including asbestos; and (f) accessibility for persons with disabilities. For all policies and measures: — administrative resources and capacities — area(s) covered: — worst-performing — minimum energy performance standards — energy poverty, social housing — public buildings — residential (single-family, multi family) — non-residential — industry — renewable energy sources — phase-out of fossil fuels in heating and cooling — whole life-cycle greenhouse gas emissions — circular economy and waste — ~~one-stop-shops~~ <u>one-stop shops</u> — renovation passports — smart technologies — sustainable mobility in buildings — district and neighbourhood	against disaster risks, including risks related to intense seismic activity; (e) the removal of hazardous substances including asbestos; and (f) accessibility for persons with disabilities. (fa) prevention and high-quality treatment of construction and demolition waste in line with Directive 2008/98/EC, notably as regards the waste hierarchy, and the objectives of the circular economy; (fb) district and neighbourhood approaches, including the role of renewable energy communities and citizen energy communities; (fc) addressing skills gaps and mismatches in human capacities For all policies and measures: — administrative resources and capacities — area(s) covered: — worst-performing — minimum energy performance standards — energy poverty, social housing — public buildings	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	— skills, training — awareness campaigns and advisory tools	- approaches — skills, training — awareness campaigns and advisory tools <u>Indicating the number of people being trained within the construction industry in their Member State;</u> <u>— Geographic coverage of vocational education and training (VETs)</u> <u>— Number of companies that provide training and apprenticeships</u> <u>— Participation of women and youth in VET and apprenticeships programs</u> <u>— Apprenticeship and VET programmes started and completed</u> <u>— Number of awareness raising campaigns for VET opportunities completed</u>	— residential (single-family, multi family) — non-residential — industry — renewable energy sources — phase-out of fossil fuels in heating and cooling — whole life-cycle greenhouse gas emissions — circular economy and waste — one-stop-shops — renovation passports — smart technologies — sustainable mobility in buildings — district and neighbourhood approaches — skills, training — awareness campaigns and advisory tools	
Annex II, Table 1, Column 3, Row 21				
553	Secured budget		- Secured budget - Budgetary resources	
Annex III				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
554	Annex III	Annex III	Annex III	
Annex III, first paragraph				
555	Requirements for new and renovated zero-emission buildings and calculation of life-cycle global warming potential (GWP)	<u>Requirements for renovated zero-emission buildings and calculation of life-cycle GWP</u> ~~Requirements for new and renovated zero-emission buildings and calculation of life-cycle global warming potential (GWP)~~ Comment: technical correction in the EP position by removing "new and" since the Annex III applies only to renovated ZEBs.	Requirements for new and renovated zero-emission buildings and the calculation of life-cycle global warming potential (GWP)	
Annex III, second paragraph				
556	(referred to in Article 2(2) and Article 7)	(referred to in Article 2(2) and Article 7)	(referred to in Article 2(2) and Article 7)	
Annex III, point (-1), first subparagraph				
557	I. Requirements for zero-emission buildings	I. Requirements for zero-emission buildings	deleted	
Annex III, point (-1), second subparagraph				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
558	The total annual primary energy use of a new zero-emission building shall comply with the maximum thresholds indicated in the table below.	The total annual primary energy use of a ~~new~~ zero-emission building shall comply with the maximum thresholds indicated in the table below. <u>Member States may choose to classify internal regions in different climatic zones on the basis of Eurostat data on climatic conditions, in so far as it complies with the table below.</u> <u>Requirements for existing buildings</u> Comment: technical correction in the EP position by removing "new" since the Annex III applies only to renovated ZEBs.	deleted	
Annex III, point (-1), first subparagraph, Table 2, Column 1, Row 1				
559	EU climatic zone	EU climatic zone	deleted	
Annex III, point (-1), third subparagraph				
560	*Note: the threshold should be smaller than the threshold for total	*Note: the threshold should be smaller than the threshold for total	deleted	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	primary energy use established at the Member State level for nearly zero-energy non-residential buildings type other than offices	primary energy use established at the Member State level for nearly zero-energy non-residential buildings type other than offices		
<i>Annex III, point (-1), fourth subparagraph</i>				
561	The total annual primary energy use of a new or renovated zero-emission building shall be fully covered, on a net annual basis, by	The total annual primary energy use of a new or renovated zero-emission building shall be fully covered, on a net annual <u>or seasonal</u> basis, by	<i>deleted</i>	
<i>Annex III, point (-1), fourth subparagraph, first indent</i>				
562	- energy from renewable sources generated on-site and fulfilling the criteria of Article 7 of Directive (EU) 2018/2001 [amended RED],	- energy from renewable sources generated <u>or stored</u> on-site and fulfilling the criteria of Article 7 of Directive (EU) 2018/2001 [amended RED],	<i>deleted</i>	
<i>Annex III, point (-1), fourth subparagraph, second indent</i>				
563	- renewable energy provided from a renewable energy community within the meaning of Article 22 of Directive (EU) 2018/2001 [amended RED], or	- <u>energy for self-consumption and joined self-consumption within the meaning of Directive (EU) 2018/2001 [amended RED] or local sharing of</u> renewable energy ~~provided~~ <u>production, including through a third-party market</u>	<i>deleted</i>	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>actor, or</u> from a renewable energy community within the meaning of Article 22 of Directive (EU) 2018/2001 [amended RED], or		
<i>Annex III, point (-1), fourth subparagraph, third indent</i>				
564	- renewable energy and waste heat from an efficient district heating and cooling system in accordance with Article (24(1) of Directive (EU) .../... [recast EED].	- renewable energy ~~and waste heat from an efficient~~ <u>from</u> district heating and cooling system ~~in accordance with Article (24(1) of Directive (EU) .../... [recast EED]~~ <u>or waste heat</u> .	deleted	
<i>Annex III, point (-1), fifth subparagraph</i>				
565	A zero-emission building shall not cause any on-site carbon emissions from fossil fuels.	A zero-emission building shall not cause any on-site carbon emissions from fossil fuels.	deleted	
<i>Annex III, point (-1), sixth subparagraph</i>				
566	Only where, due to the nature of the building or lack of access to renewable energy communities or eligible district heating and cooling systems, it is technically not feasible to fulfil the requirements under the first paragraph, the total annual primary energy use may	~~Only~~ Where, due to the nature of the building or lack of access to renewable energy communities or ~~eligible~~ <u>renewable energy from</u> district heating and cooling systems <u>or waste heat</u> , it is technically <u>or economically</u> not feasible to ~~fulfil~~ <u>fully comply with</u>	deleted	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	also be covered by energy from the grid complying with criteria established at national level.	the requirements under the first paragraph, the <u>remaining share or all of the</u> total annual primary energy use may also be covered by <u>renewable</u> energy from the grid, <u>documented with power purchase agreements and renewable heating and cooling purchase agreements as referred to in [revised RED], or energy from an efficient district heating and cooling system in accordance with Article 24(1) of Directive (EU) .../... [recast EED]. The Commission shall issue guidance on how to implement and verify the above ~~complying with~~ criteria established at national level with special attention to technical and economical feasibility.</u>		
Annex III, point (-1a), first subparagraph				
G 567	II. Calculation of life-cycle global warming potential (GWP) of new buildings pursuant to Article 7(2)	II. Calculation of life-cycle ~~global warming potential (GWP)~~ <u>GWP</u> of new buildings pursuant to Article 7(2)	H. Calculation of life-cycle global warming potential (GWP) of new buildings pursuant to Article 7(2)	II. Calculation of life-cycle global warming potential (GWP) of new buildings pursuant to Article 7(2) Trilogue 12 October
Annex III, point (-1a), second subparagraph				
G 568				G

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	For the calculation of the life-cycle global warming potential (GWP) of new buildings pursuant to Article 7(2), the GWP is communicated as a numeric indicator for each life-cycle stage expressed as kgCO₂e/m² (of useful floor area) averaged for one year of a reference study period of 50 years. The data selection, scenario definition and calculations shall be carried out in accordance with EN 15978 (EN 15978:2011). Sustainability of construction works. Assessment of environmental performance of buildings. Calculation method). The scope of building elements and technical equipment is as defined in the Level(s) common EU framework for indicator 1.2. Where a national calculation tool exists, or is required for making disclosures or for obtaining building permits, that tool may be used to provide the required disclosure. Other calculation tools may be used if they fulfil the minimum criteria laid down by the Level(s) common EU framework. Data regarding specific construction products calculated in accordance with [revised Construction Products	For the calculation of the life-cycle ~~global warming potential (GWP)~~ <u>GWP</u> of new buildings pursuant to Article 7(2), the GWP is communicated as a numeric indicator for each life-cycle stage expressed as kgCO₂e/m² (of useful floor area) averaged for one year of a reference study period of 50 years. The data selection, scenario definition and calculations shall be carried out in accordance with EN 15978 (EN 15978:2011). Sustainability of construction works. Assessment of environmental performance of buildings. Calculation method). The scope of building elements and technical equipment is as defined in the Level(s) common EU framework for indicator 1.2. Where a national calculation tool exists, or is required for making disclosures or for obtaining building permits, that tool may be used to provide the required disclosure. Other calculation tools may be used if they ~~fulfil~~ <u>fulfill</u> the minimum criteria laid down by the Level(s) common EU framework. Data regarding specific construction products <u>and technical building systems as well as their</u>	For the calculation of the life-cycle global warming potential (GWP) of new buildings pursuant to Article 7(2), the total GWP is communicated as a numeric indicator for each life-cycle stage expressed as kgCO₂e/m² (of useful floor area) averaged for one year of a reference study period of 50 years. The data selection, scenario definition and calculations shall be carried out in accordance with EN 15978 (EN 15978:2011). Sustainability of construction works. Assessment of environmental performance of buildings. Calculation method). The scope of building elements and technical equipment is as defined in the Level(s) common EU framework for indicator 1.2. Where a national calculation tool or method exists, or is required for making disclosures or for obtaining building permits, that tool or method may be used to provide the required disclosure. Other calculation tools or methods may be used if they fulfil the minimum criteria laid down by the Level(s) common EU framework. Data regarding specific construction products calculated in accordance	For the calculation of the life-cycle global warming potential (GWP) of new buildings pursuant to Article 7(2), the <u>total</u> GWP is communicated as a numeric indicator for each life-cycle stage expressed as kgCO₂e/m² (of useful floor area) averaged for one year of a reference study period of 50 years. The data selection, scenario definition and calculations shall be carried out in accordance with EN 15978 (EN 15978:2011). Sustainability of construction works. Assessment of environmental performance of buildings. Calculation method). The scope of building elements and technical equipment is as defined in the Level(s) common EU framework for indicator 1.2. Where a national calculation tool <u>or method</u> exists, or is required for making disclosures or for obtaining building permits, that tool <u>or method</u> may be used to provide the required disclosure. Other calculation tools <u>or methods</u> may be used if they fulfil the minimum criteria laid down by the Level(s) common EU framework. Data regarding specific construction products calculated in accordance

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	Regulation] shall be used when available.	<u>environmental product declarations, and</u> calculated in accordance with [revised Construction Products Regulation] shall be used when available.	with [revised Construction Products Regulation] shall be used when available.	with [revised Construction Products Regulation] shall be used when available. standard will become obsolete, CLS to check how to address it Trilogue 12 October
Annex IV				
569	Annex IV	Annex IV	Annex IV	Annex IV Text Origin: COM Proposal incl. RePowerEU
Annex IV, first paragraph				
570	COMMON GENERAL FRAMEWORK FOR RATING THE SMART READINESS OF BUILDINGS	COMMON GENERAL FRAMEWORK FOR RATING THE SMART READINESS OF BUILDINGS	COMMON GENERAL FRAMEWORK FOR RATING THE SMART READINESS OF BUILDINGS	COMMON GENERAL FRAMEWORK FOR RATING THE SMART READINESS OF BUILDINGS Text Origin: COM Proposal incl. RePowerEU
Annex IV, point 1., first subparagraph				
571	1. The Commission shall establish the definition of the smart readiness indicator and a	1. The Commission shall establish the definition of the smart readiness indicator and a	1. The Commission shall establish the definition of the smart readiness indicator and a	1. The Commission shall establish the definition of the smart readiness indicator and a

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	methodology by which it is to be calculated, in order to assess the capabilities of a building or building unit to adapt its operation to the needs of the occupant and of the grid and to improve its energy efficiency and overall performance.	methodology by which it is to be calculated, in order to assess the capabilities of a building or building unit to adapt its operation to the needs of the occupant and of the grid and to improve its energy efficiency and overall performance.	methodology by which it is to be calculated, in order to assess the capabilities of a building or building unit to adapt its operation to the needs of the occupant and of the grid and to improve its energy efficiency and overall performance.	methodology by which it is to be calculated, in order to assess the capabilities of a building or building unit to adapt its operation to the needs of the occupant and of the grid and to improve its energy efficiency and overall performance. Text Origin: COM Proposal incl. RePowerEU
Annex IV, point 1., second subparagraph				
572	The smart readiness indicator shall cover features for enhanced energy savings, benchmarking and flexibility, enhanced functionalities and capabilities resulting from more interconnected and intelligent devices.	The smart readiness indicator shall cover features for enhanced energy savings, benchmarking and flexibility, enhanced functionalities and capabilities resulting from more interconnected and intelligent devices.	The smart readiness indicator shall cover features for enhanced energy savings, benchmarking and flexibility, enhanced functionalities and capabilities resulting from more interconnected and intelligent devices.	The smart readiness indicator shall cover features for enhanced energy savings, benchmarking and flexibility, enhanced functionalities and capabilities resulting from more interconnected and intelligent devices. Text Origin: COM Proposal incl. RePowerEU
Annex IV, point 1., second subparagraph a				
572a		<u>The methodology shall take into account the existence of a digital twin of the building allowing a better ongoing reporting and management of the building's energy consumption.</u>		<u>The methodology shall take into account features such as the possible existence of a digital twin of the building.</u> recital 43a added on digital twins.

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				Compromise following 6 June trilogue
Annex IV, point 1., third subparagraph				
573	The methodology shall take into account features such as smart meters, building automation and control systems, self-regulating devices for the regulation of indoor air temperature, built-in home appliances, recharging points for electric vehicles, energy storage and detailed functionalities and the interoperability of those features, as well as benefits for the indoor climate condition, energy efficiency, performance levels and enabled flexibility.	The methodology shall take into account features such as smart meters, building automation and control systems, self-regulating devices for the regulation of indoor air temperature, built-in home appliances, recharging points for electric vehicles, energy storage and detailed functionalities and the interoperability of those features, as well as benefits for the indoor climate condition, energy efficiency, performance levels and enabled flexibility.	The methodology shall take into account features such as smart meters, building automation and control systems, self-regulating devices for the regulation of indoor air temperature, built-in home appliances, recharging points for electric vehicles, energy storage and detailed functionalities and the interoperability of those features, as well as benefits for the indoor climate condition, energy efficiency, performance levels and enabled flexibility.	The methodology shall take into account features such as smart meters, building automation and control systems, self-regulating devices for the regulation of indoor air temperature, built-in home appliances, recharging points for electric vehicles, energy storage and detailed functionalities and the interoperability of those features, as well as benefits for the indoor climate condition, energy efficiency, performance levels and enabled flexibility. Text Origin: COM Proposal incl. RePowerEU
Annex IV, point 2.				
574	2. The methodology shall rely on three key functionalities relating to the building and its technical building systems:	2. The methodology shall rely on ~~three~~ the following key functionalities relating to the building and its technical building systems:	2. The methodology shall rely on three key functionalities relating to the building and its technical building systems:	2. The methodology shall rely on ~~three~~ the following key functionalities relating to the building and its technical building systems: Text Origin: EP Mandate

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
Annex IV, point 2.(a)				
575	(a) the ability to maintain energy performance and operation of the building through the adaptation of energy consumption for example through use of energy from renewable sources;	(a) the ability to maintain energy performance and operation of the building through the adaptation of energy consumption for example through use of energy from renewable sources;	(a) the ability to maintain energy performance and operation of the building through the adaptation of energy consumption for example through use of energy from renewable sources;	(a) the ability to maintain energy performance and operation of the building through the adaptation of energy consumption for example through use of energy from renewable sources; Text Origin: COM Proposal incl. RePowerEU
Annex IV, point 2.(b)				
576	(b) the ability to adapt its operation mode in response to the needs of the occupant while paying due attention to the availability of user-friendliness, maintaining healthy indoor climate conditions and the ability to report on energy use; and	(b) the ability to adapt its operation mode in response to the needs of the occupant while paying due attention to the availability of user-friendliness, maintaining healthy indoor climate conditions and the ability to report on energy use; and	(b) the ability to adapt its operation mode in response to the needs of the occupant while paying due attention to the availability of user-friendliness, maintaining healthy indoor climate conditions and the ability to report on energy use; and	(b) the ability to adapt its operation mode in response to the needs of the occupant while paying due attention to the availability of user-friendliness, maintaining healthy indoor climate conditions and the ability to report on energy use; and Text Origin: COM Proposal incl. RePowerEU
Annex IV, point 2.(c)				
577	(c) the flexibility of a building's overall electricity demand,	(c) the flexibility of a building's overall ~~electricity~~ energy demand,	(c) the flexibility of a building's overall electricity demand,	(c) the flexibility of a building's overall ~~electricity~~ energy demand,

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	including its ability to enable participation in active and passive as well as implicit and explicit demand response, in relation to the grid, for example through flexibility and load shifting capacities.	including its ability to enable participation in active and passive as well as implicit and explicit demand response, ~~in relation and~~ <u>through storing and releasing energy back</u> to the grid, for example through flexibility and load shifting capacities- <u>and energy storage;</u>	including its ability to enable participation in active and passive as well as implicit and explicit demand response, in relation to the grid, for example through flexibility and load shifting capacities.	including its ability to enable participation in active and passive as well as implicit and explicit demand response, ~~in relation and~~ <u>through storing and releasing energy back</u> to the grid, for example through flexibility and load shifting capacities- <u>and energy storage;</u> Text Origin: EP Mandate
Annex IV, point 2.(ca)				
577a		<u>(ca) the ability to improve its energy efficiency and overall performance through the use of energy saving technologies.</u>		<u>(ca) the ability to improve its energy efficiency and overall performance through the use of energy saving technologies.</u> Text Origin: EP Mandate
Annex IV, point 3.				
578	3. The methodology may further take into account:	3. The methodology may further take into account:	3. The methodology may further take into account:	3. The methodology may further take into account: Text Origin: COM Proposal incl. RePowerEU
Annex IV, point 3.(a)				
579				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	(a) the interoperability between systems (smart meters, building automation and control systems, built-in home appliances, self-regulating devices for the regulation of indoor air temperature within the building and indoor air quality sensors and ventilations); and	(a) the interoperability between systems (smart meters, building automation and control systems, built-in home appliances, self-regulating devices for the regulation of indoor air temperature within the building and indoor air quality sensors and ventilations); and	(a) the interoperability between systems (smart meters, building automation and control systems, built-in home appliances, self-regulating devices for the regulation of indoor air temperature within the building and indoor air quality sensors and ventilations); and wrong numbering in GA	(a) the interoperability between systems (smart meters, building automation and control systems, built-in home appliances, self-regulating devices for the regulation of indoor air temperature within the building and indoor air quality sensors and ventilations); and Text Origin: COM Proposal incl. RePowerEU
Annex IV, point 3.(b)				
580	(b) the positive influence of existing communication networks, in particular the existence of high-speed-ready in-building physical infrastructure, such as the voluntary ‘broadband ready’ label, and the existence of an access point for multi-dwelling buildings, in accordance with Article 8 of Directive 2014/61/EU of the European Parliament and of the Council¹. 1. Directive 2014/61/EU of the European Parliament and of the Council of 15 May 2014 on measures to reduce the cost of deploying high-speed electronic communications networks (OJ L 155,	(b) the positive influence of existing communication networks, in particular the existence of high-speed-ready in-building physical infrastructure, such as the voluntary ‘broadband ready’ label, and the existence of an access point for multi-dwelling buildings, in accordance with Article 8 of Directive 2014/61/EU of the European Parliament and of the Council¹. 1. Directive 2014/61/EU of the European Parliament and of the Council of 15 May 2014 on measures to reduce the cost of deploying high-speed electronic communications networks (OJ L 155,	(b) the positive influence of existing communication networks, in particular the existence of high-speed-ready in-building physical infrastructure, such as the voluntary ‘broadband ready’ label, and the existence of an access point for multi-dwelling buildings, in accordance with Article 8 of Directive 2014/61/EU of the European Parliament and of the Council¹. 1. Directive 2014/61/EU of the European Parliament and of the Council of 15 May 2014 on measures to reduce the cost of deploying high-speed electronic communications networks (OJ L 155,	(b) the positive influence of existing communication networks, in particular the existence of high-speed-ready in-building physical infrastructure, such as the voluntary ‘broadband ready’ label, and the existence of an access point for multi-dwelling buildings, in accordance with Article 8 of Directive 2014/61/EU of the European Parliament and of the Council¹. 1. Directive 2014/61/EU of the European Parliament and of the Council of 15 May 2014 on measures to reduce the cost of deploying high-speed electronic communications networks (OJ L 155,

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	23.5.2014, p. 1).	23.5.2014, p. 1).	23.5.2014, p. 1).	23.5.2014, p. 1). Text Origin: COM Proposal incl. RePowerEU
Annex IV, point 4.				
581	4. The methodology shall not negatively affect existing national energy performance certification schemes and shall build on related initiatives at national level, while taking into account the principle of occupant ownership, data protection, privacy and security, in compliance with relevant Union data protection and privacy law as well as best available techniques for cyber security.	4. The methodology shall not negatively affect existing national energy performance certification schemes and shall build on related initiatives at national level, while taking into account the principle of occupant ownership, data protection, privacy and security, in compliance with relevant Union data protection and privacy law as well as best available techniques for cyber security.	4. The methodology shall not negatively affect existing national energy performance certification schemes and shall build on related initiatives at national level, while taking into account the principle of occupant ownership, data protection, privacy and security, in compliance with relevant Union data protection and privacy law as well as best available techniques for cyber security.	4. The methodology shall not negatively affect existing national energy performance certification schemes and shall build on related initiatives at national level, while taking into account the principle of occupant ownership, data protection, privacy and security, in compliance with relevant Union data protection and privacy law as well as best available techniques for cyber security. Text Origin: COM Proposal incl. RePowerEU
Annex IV, point 5.				
582	5. The methodology shall set out the most appropriate format of the smart readiness indicator parameter and shall be simple, transparent, and easily understandable for consumers, owners, investors and demand-response market	5. The methodology shall set out the most appropriate format of the smart readiness indicator parameter and shall be simple, transparent, and easily understandable for consumers, owners, investors and demand-response market	5. The methodology shall set out the most appropriate format of the smart readiness indicator parameter and shall be simple, transparent, and easily understandable for consumers, owners, investors and demand-response market	5. The methodology shall set out the most appropriate format of the smart readiness indicator parameter and shall be simple, transparent, and easily understandable for consumers, owners, investors and demand-response market

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	participants.	participants.	participants.	participants. Text Origin: COM Proposal incl. RePowerEU
Annex V				
583	Annex V	Annex V	Annex V	Annex V Text Origin: COM Proposal incl. RePowerEU
Annex V, first paragraph				
584	Template for energy performance certificates	Template for energy performance certificates	Template for energy performance certificates	Template for energy performance certificates Text Origin: COM Proposal incl. RePowerEU
Annex V, second paragraph				
585	(referred to in Article 16)	(referred to in Article 16)	(referred to in Article 16)	(referred to in Article 16) Text Origin: COM Proposal incl. RePowerEU
Annex V, point 1.				
586	1. On its front page, the energy performance certificate shall	1. On its front page, the energy performance certificate shall	1. ~~On its front page,~~ The energy performance certificate shall	1. On its front page, the energy performance certificate shall

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	display at least the following elements:	display at least the following elements:	display at least the following elements:	display at least the following elements:
Annex V, point 1.(a)				
587	(a) the energy performance class;	(a) the energy performance class;	(a) the energy performance class;	(a) the energy performance class; Text Origin: COM Proposal incl. RePowerEU
Annex V, point 1.(b)				
588	(b) the calculated annual primary energy use in kWh/(m ² year);	(b) the calculated annual primary energy use in kWh/(m ² year);	(b) the calculated annual primary energy use in kWh/(m ² year);	(b) the calculated annual primary energy use in kWh/(m ² year); Text Origin: COM Proposal incl. RePowerEU
Annex V, point 1.(c)				
589	(c) the calculated annual primary energy consumption in kWh or MWh;	(c) the calculated annual primary energy consumption in kWh or MWh;	(c) the calculated annual primary energy consumption in kWh or MWh;	<i>deleted</i> remains mandatory, but not on the front page
Annex V, point 1.(c)				
590	(d) the calculated annual final energy use in kWh/(m ² year);	(d) the calculated annual final energy use in kWh/(m ² year);	(d) the calculated annual final energy use in kWh/(m ² year);	~~(c)~~ the calculated annual final energy use in kWh/(m ² year);

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				Text Origin: COM Proposal incl. RePowerEU
Annex V, point 1.(e)				
591	(e) the calculated annual final energy consumption in kWh or MWh;	(e) the calculated annual final energy consumption in kWh or MWh;	(e) the calculated annual final energy consumption in kWh or MWh;	deleted remains mandatory, but not on the front page
Annex V, point 1.(f)				
592	(f) renewable energy production in kWh or MWh;	(f) renewable energy production in kWh or MWh;	(f) renewable energy production in kWh or MWh;	deleted remains mandatory, but not on the front page
Annex V, point 1.(d)				
593	(g) renewable energy in % of energy use;	(g) renewable energy in % of energy use;	(g) renewable energy in % of energy use;	~~(g)~~ (d) renewable energy <u>produced on site</u> in % of energy use; integrating line 598
Annex V, point 1.(e)				
594	(h) operational greenhouse gas	(h) operational greenhouse gas	(h) operational greenhouse gas	~~(h)~~ (e) operational greenhouse gas

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	emissions (kg CO2/(m ² year));	emissions (kg CO2/(m ² year));	emissions (kg CO2/(m ² year));	emissions (kg CO2/(m ² year)), <u>and the value of the life cycle GWP, if available;</u> Combination of lines 596 and 600
Annex V, point 1.(i)				
595	(i) the greenhouse gas emission class (if applicable).	(i) the greenhouse gas emission class (if applicable);	(i) the greenhouse gas emission class (if applicable).	deleted moved to 599
Annex V, point 1.(ia)				
595a				<u>The energy performance certificate shall also display the following elements:</u>
Annex V, point 1.(ib)				
595b				<u>(a) the calculated annual primary and final energy consumption in kWh or MWh;</u> from lines 589 and 591
Annex V, point 1.(ic)				
595c				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				<u>(b) renewable energy production in kWh or MWh; main energy carrier and type of renewable energy source;</u> from line 592
Annex V, point 1.(id)				
G 595d		<u>(ia) the calculated energy needs in accordance with EN standards in kWh/(m².y) and final energy consumption in kWh or MWh;</u>		<u>(c) the calculated energy needs;</u>
Annex V, point 1.(ie)				
G 595e		<u>(ib) expected remaining economic lifetime of the space and water heating and/or cooling systems and appliances;</u>		deleted moved to line 610a
Annex V, point 1.(if)				
G 595f		<u>(ic) a clear mention indicating whether or not the current building or dwelling can flexibly use energy.</u>		<u>(d) A yes/no indication whether the building has a capacity to react to external signals and adjust the energy consumption</u> Tech. follow-up to 12 Oct Trilogue

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
Annex V, point 1.(ig)				
595g				<u>(e) a yes/no indication whether the heat distribution system inside the building is capable to work at low or more efficient temperature levels, where applicable;</u>
Annex V, point 1.(ih)				
595h				<u>(f) the contact information of the relevant one-stop shop for renovation advice.</u>
Annex V, point 2., first subparagraph				
596	2. In addition, the energy performance certificate may include the following indicators:	2. In addition, the energy performance certificate ~~may~~ <u>shall</u> include the following indicators:	2. In addition, the energy performance certificate may include the following indicators:	2. In addition, the energy performance certificate may include the following indicators: Text Origin: Council Mandate
Annex V, point 2., first subparagraph, point (a)				
597	(a) energy use, peak load, size of generator or system, main energy carrier and main type of element for each of the uses: heating, cooling, domestic hot water, ventilation and in-built lighting;	(a) energy use, peak load, size of generator or system, main energy carrier and main type of element for each of the uses: heating, cooling, domestic hot water, ventilation and in-built lighting;	(a) energy use, peak load, size of generator or system, main energy carrier and main type of element for each of the uses: heating, cooling, domestic hot water, ventilation and in-built lighting;	(a) energy use, peak load, size of generator or system, main energy carrier and main type of element for each of the uses: heating, cooling, domestic hot water, ventilation and in-built lighting;

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				Text Origin: COM Proposal incl. RePowerEU
Annex V, point 2., first subparagraph, point (b)				
598	(b) renewable energy produced on site, main energy carrier and type of renewable energy source;	(b) renewable energy produced on site, main energy carrier and type of renewable energy source;	(b) renewable energy produced on site, main energy carrier and type of renewable energy source;	deleted moved to 593
Annex V, point 2., first subparagraph, point (c)				
599	(c) a yes/no indication whether a calculation of the Global Warming Potential has been carried out for the building;	(c) a yes/no indication whether a calculation of the ~~Global Warming Potential~~ <u>life-cycle GWP</u> has been carried out for the building;	(c) a yes/no indication whether a calculation of the Global Warming Potential has been carried out for the building;	(c) ~~a yes/no indication whether a calculation of the Global Warming Potential has been carried out for the building;~~ <u>the greenhouse gas emission class (if applicable).</u> moved from 595
Annex V, point 2., first subparagraph, point (d)				
600	(d) the value of the life-cycle Global Warming Potential (if available);	(d) the value of the life-cycle ~~Global Warming Potential~~ <u>GWP</u> (if available);	(d) the value of the life-cycle Global Warming Potential (if available);	deleted moved to 594
Annex V, point 2., first subparagraph, point (e)				
601				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	(e) information on carbon removals associated to the temporary storage of carbon in or on buildings;	(e) information on carbon removals associated to the temporary storage of carbon in or on buildings;	(e) information on carbon removals associated to the temporary storage of carbon in or on buildings;	(e) information on carbon removals associated to the temporary storage of carbon in or on buildings; Text Origin: COM Proposal incl. RePowerEU
Annex V, point 2., first subparagraph, point (f)				
602	(f) a yes/no indication whether a renovation passport is available for the building;	(f) a yes/no indication whether a renovation passport is available for the building;	(f) a yes/no indication whether a renovation passport is available for the building;	(f) a yes/no indication whether a renovation passport is available for the building; Text Origin: COM Proposal incl. RePowerEU
Annex V, point 2., first subparagraph, point (g)				
603	(g) the average U-value for the opaque elements of the building envelope;	(g) the average U-value for the opaque elements of the building envelope;	(g) the average U-value for the opaque elements of the building envelope;	(g) the average U-value for the opaque elements of the building envelope; Text Origin: COM Proposal incl. RePowerEU
Annex V, point 2., first subparagraph, point (h)				
604	(h) the average U-value for the transparent elements of the building envelope;	(h) the average U-value for the transparent elements of the building envelope;	(h) the average U-value for the transparent elements of the building envelope;	(h) the average U-value for the transparent elements of the building envelope;

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				Text Origin: COM Proposal incl. RePowerEU
Annex V, point 2., first subparagraph, point (i)				
605	(i) type of most common transparent element (e.g. double glazed window);	(i) type of most common transparent element (e.g. double glazed window);	(i) type of most common transparent element (e.g. double glazed window);	(i) type of most common transparent element (e.g. double glazed window); Text Origin: COM Proposal incl. RePowerEU
Annex V, point 2., first subparagraph, point (j)				
606	(j) results of the analysis on overheating risk (if available);	(j) results of the analysis on overheating risk (if available);	(j) results of the analysis on overheating risk (if available);	(j) results of the analysis on overheating risk (if available); Text Origin: COM Proposal incl. RePowerEU
Annex V, point 2., first subparagraph, point (k)				
607	(k) the presence of fixed sensors that monitor the levels of indoor air quality;	(k) the presence of fixed sensors that monitor the levels of indoor ~~air~~ <u>environmental</u> quality;	(k) the presence of fixed sensors that monitor the levels of indoor air quality;	(k) the presence of fixed sensors that monitor the ~~levels of~~ indoor ~~air~~ <u>environmental</u> quality; delete levels, monitor IED
Annex V, point 2., first subparagraph, point (l)				
608	(l) the presence of fixed controls	(l) the presence of fixed controls	(l) the presence of fixed controls	(l) the presence of fixed controls

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	that respond to the levels of indoor air quality;	that respond to the levels of indoor ~~##~~ <u>environmental</u> quality;	that respond to the levels of indoor air quality;	that respond to the levels of indoor ~~##~~ <u>environmental</u> quality; Text Origin: EP Mandate
Annex V, point 2., first subparagraph, point (m)				
609	(m) number and type of charging points for electric vehicles;	(m) number and type of charging points for electric vehicles;	(m) number and type of charging points for electric vehicles;	(m) number and type of charging points for electric vehicles; Text Origin: COM Proposal incl. RePowerEU
Annex V, point 2., first subparagraph, point (n)				
610	(n) presence, type and size of energy storage systems;	(n) presence, type and size of energy storage systems;	(n) presence, type and size of energy storage systems;	(n) presence, type and size of energy storage systems; Text Origin: COM Proposal incl. RePowerEU
Annex V, point 2., first subparagraph, point (na)				
610a				<u>(o) expected remaining lifespan of the heating and/or air conditioning systems and appliances, where applicable;</u>
Annex V, point 2., first subparagraph(p)				
611	(o) feasibility of adapting the	(o) feasibility of adapting the	(o) feasibility of adapting the	~~(o)~~ <u>(p)</u> feasibility of adapting the

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	heating system to operate at more efficient temperature settings;	heating system <u>and domestic hot water system</u> to operate at more efficient temperature settings;	heating system to operate at more efficient temperature settings;	heating system to operate at more efficient temperature settings; Text Origin: COM Proposal incl. RePowerEU
Annex V, point 2., first subparagraph, point (pa)				
611a				<u>(q) feasibility of adapting the domestic hot water system to operate at more efficient temperature settings;</u>
Annex V, point 2., first subparagraph(r)				
612	(p) feasibility of adapting the air-conditioning system to operate at more efficient temperature settings;	(p) feasibility of adapting the air-conditioning system to operate at more efficient temperature settings;	(p) feasibility of adapting the air-conditioning system to operate at more efficient temperature settings;	~~(p)~~ (r) feasibility of adapting the air-conditioning system to operate at more efficient temperature settings; Text Origin: COM Proposal incl. RePowerEU
Annex V, point 2., first subparagraph(s)				
613	(q) metered energy consumption;	(q) metered energy consumption;	(q) metered energy consumption;	~~(q)~~ (s) metered energy consumption; Text Origin: COM Proposal incl. RePowerEU
Annex V, point 2., first subparagraph, point (sa)				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
613a		<u>(qa) a yes/no indication whether the heat distribution system inside the building is designed to work at low temperature levels;</u>		deleted moved to 595g
Annex V, point 2., first subparagraph, point (sb)				
613b		<u>(qb) the presence of a connection to a district heating and cooling network, including up-coming the evolution of nearby energy grids within the following five years;</u>		<u>(t) the presence of a connection to a district heating and cooling network, or, if available, information about a potential connection to an efficient district heating and cooling system;</u>
Annex V, point 2., first subparagraph, point (sc)				
613c		<u>(qc) local primary energy factors and related carbon emission factors of the connected local district heating and cooling network;</u>		<u>(u) local primary energy factors and related carbon emission factors of the connected local district heating and cooling network</u>
Annex V, point 2., first subparagraph(v)				
614	(r) operational fine particulate matter (PM2.5) emissions.	(r) operational fine particulate matter (PM2.5) emissions- <u>and performance indicators for the main categories of indoor environmental quality once the</u>	(r) operational fine particulate matter (PM2.5) emissions.	~~(r)~~ (v) operational fine particulate matter (PM2.5) emissions. Text Origin: COM Proposal incl. RePowerEU

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>relevant provisions apply;</u>		
Annex V, point 2., first subparagraph, point (va)				
614a		<u>(ra) a yes/no indication whether the building has demand side flexibility capabilities;</u>		deleted
Annex V, point 2., first subparagraph, point (vb)				
614b		<u>(rb) contact details of the closest one-stop shop for renovation advice.</u>		deleted covered in line 595h
Annex V, point 2., second subparagraph				
615	The energy performance certificate may include the following links with other initiatives if these apply in the relevant Member State:	The energy performance certificate ~~may~~ <u>shall</u> include the following links with other initiatives ~~if these apply in the relevant Member State~~ <u>in so far as the following apply:</u>	The energy performance certificate may include the following links with other initiatives if these apply in the relevant Member State:	The energy performance certificate may include the following links with other initiatives if these apply in the relevant Member State: Text Origin: COM Proposal incl. RePowerEU
Annex V, point 2., second subparagraph, point (a)				
616	(a) a yes/no indication whether an smart readiness assessment has been carried out for the building;	(a) a yes/no indication whether an smart readiness assessment has been carried out for the building;	(a) a yes/no indication whether an smart readiness assessment has been carried out for the building;	(a) a yes/no indication whether an smart readiness assessment has been carried out for the building;

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				Text Origin: COM Proposal incl. RePowerEU
Annex V, point 2., second subparagraph, point (b)				
617	(b) the value of the smart readiness assessment (if available);	(b) the value of the smart readiness assessment (if available); <u>including the value of supporting energy saving technologies;</u>	(b) the value of the smart readiness assessment (if available);	(b) the value of the smart readiness assessment (if available); Text Origin: COM Proposal incl. RePowerEU
Annex V, point 2., second subparagraph, point (c)				
618	(c) a yes/no indication whether a Digital Building Logbook is available for the building.	(c) a yes/no indication whether a digital building logbook is available for the building.	(c) a yes/no indication whether a Digital Building Logbook is available for the building.	(c) a yes/no indication whether a Digital Building Logbook is available for the building. Text Origin: COM Proposal incl. RePowerEU
Annex V, point 2., third subparagraph				
619	Persons with disabilities shall have equal access to the information in energy performance certificates.	Persons with disabilities shall have equal access to the information in energy performance certificates.	Persons with disabilities shall have equal access to the information in energy performance certificates.	Persons with disabilities shall have equal access to the information in energy performance certificates. Text Origin: COM Proposal incl. RePowerEU
Annex V, point 2., third subparagraph a				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement	
Y	619a	<u>2a. The energy performance certificate shall include a dedicated section on financing, listing available financing options and grouping indicators most relevant to financial institutions, mortgage providers, national promotional banks and other relevant institutions providing access to funding.</u>	PUBLIC	to get back to	Y
Annex VI					
G	620	Annex VI	Annex VI	Annex VI Text Origin: COM Proposal incl. RePowerEU	G
Annex VI, first paragraph					
G	621	Independent control systems for energy performance certificates	Independent control systems for energy performance certificates	Independent control systems for energy performance certificates Text Origin: COM Proposal incl. RePowerEU	G
Annex VI, point 1., first subparagraph					
G	622	1. Definition of quality of energy performance certificate	1. Definition of quality of energy performance certificate	1. Definition of quality of energy performance certificate	G

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				Text Origin: COM Proposal incl. RePowerEU
Annex VI, point 1., second subparagraph				
623	Member States shall provide a clear definition of what is considered a valid energy performance certificate.	Member States shall provide a clear definition of what is considered a valid energy performance certificate.	Member States shall provide a clear definition of what is considered a valid energy performance certificate.	Member States shall provide a clear definition of what is considered a valid energy performance certificate. Text Origin: COM Proposal incl. RePowerEU
Annex VI, point 1., third subparagraph				
624	The definition of a valid energy performance certificate shall ensure:	The definition of a valid energy performance certificate shall ensure:	The definition of a valid energy performance certificate shall ensure:	The definition of a valid energy performance certificate shall ensure: Text Origin: COM Proposal incl. RePowerEU
Annex VI, point 1., third subparagraph, point (a)				
625	(a) a validity check of the input data (including on-site checks) of the building used to issue the energy performance certificate and the results stated in the certificate;	(a) a validity check of the input data (including on-site checks) of the building used to issue the energy performance certificate and the results stated in the certificate;	(a) a– validity check of the input data– (including on-site checks) of the building used to issue the energy performance certificate and the results stated in the certificate;	(a) a– validity check of the input data (including on-site checks) of the building used to issue the energy performance certificate and the results stated in the certificate; Text Origin: COM Proposal

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				incl. RePowerEU
Annex VI, point 1., third subparagraph, point (b)				
626	(b) the validity of the calculations;	(b) the validity of the calculations;	(b) the validity of the calculations;	(b) the validity of the calculations; Text Origin: COM Proposal incl. RePowerEU
Annex VI, point 1., third subparagraph, point (c)				
627	(c) a maximum deviation for the energy performance of a building, preferably expressed by the numeric indicator of primary energy use (kWh/(m ² year));	(c) a maximum deviation for the energy performance of a building, preferably expressed by the numeric indicator of primary energy use (kWh/(m ² year));	(c) a maximum deviation for the energy performance of a building, preferably expressed by the numeric indicator of primary energy use (kWh/(m ² year));	(c) a maximum deviation for the energy performance of a building, preferably expressed by the numeric indicator of primary energy use (kWh/(m ² year)); Text Origin: COM Proposal incl. RePowerEU
Annex VI, point 1., third subparagraph, point (d)				
628	(d) a minimum number of elements differing from default or standard values.	(d) a minimum number of elements differing from default or standard values.	(d) a minimum number of elements differing from default or standard values.	(d) a minimum number of elements differing from default or standard values. Text Origin: COM Proposal incl. RePowerEU
Annex VI, point 1., fourth subparagraph				
629				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	Member States may include additional elements in the definition of a valid energy performance certificate, such as maximum deviation for specific input data values.	Member States may include additional elements in the definition of a valid energy performance certificate, such as maximum deviation for specific input data values.	Member States may include additional elements in the definition of a valid energy performance certificate, such as maximum deviation for specific input data values.	Member States may include additional elements in the definition of a valid energy performance certificate, such as maximum deviation for specific input data values. Text Origin: COM Proposal incl. RePowerEU
Annex VI, point 2., first subparagraph				
630	2. Quality of the control system for energy performance certificates	2. Quality of the control system for energy performance certificates	2. Quality of the control system for energy performance certificates	2. Quality of the control system for energy performance certificates Text Origin: COM Proposal incl. RePowerEU
Annex VI, point 2., second subparagraph				
631	Member States shall provide a clear definition of the quality objectives and the level of statistical confidence that the energy performance certificate framework should achieve. The independent control system shall ensure at least 90% of valid issued energy performance certificates with a statistical confidence of 95% for the evaluated period, which shall not exceed one year.	Member States shall provide a clear definition of the quality objectives and the level of statistical confidence that the energy performance certificate framework should achieve. The independent control system shall ensure at least 90% of valid issued energy performance certificates with a statistical confidence of 95% for the evaluated period, which shall not exceed one year.	Member States shall provide a clear definition of the quality objectives and the level of statistical confidence that the energy performance certificate framework should achieve. The independent control system shall ensure at least 90% of valid issued energy performance certificates with a statistical confidence of 95% for the evaluated period, which shall not exceed one year.	Member States shall provide a clear definition of the quality objectives and the level of statistical confidence that the energy performance certificate framework should achieve. The independent control system shall ensure at least 90% of valid issued energy performance certificates with a statistical confidence of 95% for the evaluated period, which shall not exceed one year.

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				Text Origin: COM Proposal incl. RePowerEU
Annex VI, point 2., third subparagraph				
632	The level of quality and the level of confidence shall be measured using random sampling and shall account for all elements provided in the definition of a valid energy performance certificate. Member States shall require third-party verification for the evaluation of at least 25% of the random sample when the independent control systems have been delegated to non-governmental bodies.	The level of quality and the level of confidence shall be measured using random sampling and shall account for all elements provided in the definition of a valid energy performance certificate. Member States shall require third-party verification for the evaluation of at least 25% of the random sample when the independent control systems have been delegated to non-governmental bodies.	The level of quality and the level of confidence shall be measured using random sampling and shall account for all elements provided in the definition of a valid energy performance certificate. Member States shall require third-party verification for the evaluation of at least 25% of the random sample when the independent control systems have been delegated to non-governmental bodies.	The level of quality and the level of confidence shall be measured using random sampling and shall account for all elements provided in the definition of a valid energy performance certificate. Member States shall require third-party verification for the evaluation of at least 25% of the random sample when the independent control systems have been delegated to non-governmental bodies. Text Origin: COM Proposal incl. RePowerEU
Annex VI, point 2., fourth subparagraph				
633	The validity of the input data shall be verified with information provided by the independent expert. Such information may include product certificates, specifications or building plans that include details on the performance of the different elements included	The validity of the input data shall be verified with information provided by the independent expert. Such information may include product certificates, specifications or building plans that include details on the performance of the different elements included	The validity of the input data shall be verified with information provided by the independent expert. Such information may include product certificates, specifications or building plans that include details on the performance of the different elements included	The validity of the input data shall be verified with information provided by the independent expert. Such information may include product certificates, specifications or building plans that include details on the performance of the different elements included

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	in the energy performance certificate.	in the energy performance certificate.	in the energy performance certificate.	in the energy performance certificate. Text Origin: COM Proposal incl. RePowerEU
Annex VI, point 2., fifth subparagraph				
634	The validity of the input data shall be verified by on-site visits in at least 10% of the energy performance certificates that are part of the random sampling used to assess the overall quality of the scheme.	The validity of the input data shall be verified by on-site visits in at least 10% of the energy performance certificates that are part of the random sampling used to assess the overall quality of the scheme.	The validity of the input data shall be verified by on-site visits, which may be carried out by virtual means, where appropriate in at least 10% of the energy performance certificates that are part of the random sampling used to assess the overall quality of the scheme.	The validity of the input data shall be verified by on-site visits, <u>which may be carried out by virtual means, where appropriate</u> in at least 10% of the energy performance certificates that are part of the random sampling used to assess the overall quality of the scheme. trilogue 6 June Text Origin: Council Mandate
Annex VI, point 2., sixth subparagraph				
635	In addition to the minimum random sampling to determine the overall level of quality, Member States may use different strategies to specifically detect and target poor quality in energy performance certificates with the objective to improve the overall quality of the	In addition to the minimum random sampling to determine the overall level of quality, Member States may use different strategies to specifically detect and target poor quality in energy performance certificates with the objective to improve the overall quality of the	In addition to the minimum random sampling to determine the overall level of quality, Member States may use different strategies to specifically detect and target poor quality in energy performance certificates with the objective to improve the overall quality of the	In addition to the minimum random sampling to determine the overall level of quality, Member States may use different strategies to specifically detect and target poor quality in energy performance certificates with the objective to improve the overall quality of the

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	scheme. Such targeted analysis cannot be used as the basis to measure the overall quality of the scheme.	scheme. Such targeted analysis cannot be used as the basis to measure the overall quality of the scheme.	scheme. Such targeted analysis cannot be used as the basis to measure the overall quality of the scheme.	scheme. Such targeted analysis cannot be used as the basis to measure the overall quality of the scheme. Text Origin: COM Proposal incl. RePowerEU
Annex VI, point 2., seventh subparagraph				
636	Member States shall deploy pre-emptive and reactive measures to ensure the quality of the overall energy performance certificate framework. Those measures may include additional training for independent experts, targeted sampling, obligation to re-submit energy performance certificates, proportional fines and temporary or permanent bans for experts.	Member States shall deploy pre-emptive and reactive measures to ensure the quality of the overall energy performance certificate framework. Those measures may include additional training for independent experts, targeted sampling, obligation to re-submit energy performance certificates, proportional fines and temporary or permanent bans for experts.	Member States shall deploy pre-emptive and reactive measures to ensure the quality of the overall energy performance certificate framework. Those measures may include additional training for independent experts, targeted sampling, obligation to re-submit energy performance certificates, proportional fines and temporary or permanent bans for experts.	Member States shall deploy pre-emptive and reactive measures to ensure the quality of the overall energy performance certificate framework. Those measures may include additional training for independent experts, targeted sampling, obligation to re-submit energy performance certificates, proportional fines and temporary or permanent bans for experts. Text Origin: COM Proposal incl. RePowerEU
Annex VI, point 2., eighth subparagraph				
637	Where information is added to a database it shall be possible for national authorities to identify the originator of the addition, for monitoring and verification	Where information is added to a database it shall be possible for national authorities to identify the originator of the addition, for monitoring and verification	Where information is added to a database it shall be possible for national authorities to identify the originator of the addition, for monitoring and verification	Where information is added to a database it shall be possible for national authorities to identify the originator of the addition, for monitoring and verification

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	purposes.	purposes.	purposes.	purposes. Text Origin: COM Proposal incl. RePowerEU
Annex VI, point 3., first subparagraph				
638	3. Availability of energy performance certificates	3. Availability of energy performance certificates	3. Availability of energy performance certificates	3. Availability of energy performance certificates Text Origin: COM Proposal incl. RePowerEU
Annex VI, point 3., second subparagraph				
639	The independent control system shall verify the availability of energy performance certificates to prospective buyers and tenants in order to ensure that it is possible to consider the energy performance of the building in their decision to buy or rent.	The independent control system shall verify the availability of energy performance certificates to prospective buyers and tenants in order to ensure that it is possible to consider the energy performance of the building in their decision to buy or rent.	The independent control system shall verify the availability of energy performance certificates to prospective buyers and tenants in order to ensure that it is possible to consider the energy performance of the building in their decision to buy or rent.	The independent control system shall verify the availability of energy performance certificates to prospective buyers and tenants in order to ensure that it is possible to consider the energy performance of the building in their decision to buy or rent. Text Origin: COM Proposal incl. RePowerEU
Annex VI, point 3., third subparagraph				
640	The independent control system shall verify the visibility of the energy performance indicator and	The independent control system shall verify the visibility of the energy performance indicator and	The independent control system shall verify the visibility of the energy performance indicator and	The independent control system shall verify the visibility of the energy performance indicator and

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	class in advertising media.	class in advertising media.	class in advertising media.	class in advertising media. Text Origin: COM Proposal incl. RePowerEU
Annex VI, point 4., first subparagraph				
641	4. Treatment of building typologies	4. Treatment of building typologies	4. Treatment of building typologies	4. Treatment of building typologies Text Origin: COM Proposal incl. RePowerEU
Annex VI, point 4., second subparagraph				
642	The independent control system shall account for different building typologies, particularly for those building typologies that are most prevalent in the real estate market, such as single residential, multi-residential, offices or retail.	The independent control system shall account for different building typologies, particularly for those building typologies that are most prevalent in the real estate market, such as single residential, multi-residential, offices or retail.	The independent control system shall account for different building typologies, particularly for those building typologies that are most prevalent in the real estate market, such as single residential, multi-residential, offices or retail.	The independent control system shall account for different building typologies, particularly for those building typologies that are most prevalent in the real estate market, such as single residential, multi-residential, offices or retail. Text Origin: COM Proposal incl. RePowerEU
Annex VI, point 5., first subparagraph				
643	5. Public disclosure	5. Public disclosure	5. Public disclosure	5. Public disclosure Text Origin: COM Proposal incl. RePowerEU

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	Annex VI, point 5., second subparagraph			
644	Member States shall regularly publish, on the national database on energy performance certificates, at least the following information on the quality system:	Member States shall regularly publish, on the national database on energy performance certificates, at least the following information on the quality system:	Member States shall regularly publish, on the national database on energy performance certificates, at least the following information on the quality system:	Member States shall regularly publish, on the national database on energy performance certificates, at least the following information on the quality system: Text Origin: COM Proposal incl. RePowerEU
	Annex VI, point 5., second subparagraph, point (a)			
645	(a) the definition of quality in energy performance certificates;	(a) the definition of quality in energy performance certificates;	(a) the definition of quality in energy performance certificates;	(a) the definition of quality in energy performance certificates; Text Origin: COM Proposal incl. RePowerEU
	Annex VI, point 5., second subparagraph, point (b)			
646	(b) quality objectives for the energy performance certificate scheme;	(b) quality objectives for the energy performance certificate scheme;	(b) quality objectives for the energy performance certificate scheme;	(b) quality objectives for the energy performance certificate scheme; Text Origin: COM Proposal incl. RePowerEU
	Annex VI, point 5., second subparagraph, point (c)			
647				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	(c) results of the quality assessment, including number of certificates evaluated and relative size to the total number of issued certificates in the given period (per typology);	(c) results of the quality assessment, including number of certificates evaluated and relative size to the total number of issued certificates in the given period (per typology);	(c) results of the quality assessment, including number of certificates evaluated and relative size to the total number of issued certificates in the given period (per typology);	(c) results of the quality assessment, including number of certificates evaluated and relative size to the total number of issued certificates in the given period (per typology); Text Origin: COM Proposal incl. RePowerEU
Annex VI, point 5., second subparagraph, point (d)				
648	(d) contingency measures to improve the overall quality of energy performance certificates.	(d) contingency measures to improve the overall quality of energy performance certificates.	(d) contingency measures to improve the overall quality of energy performance certificates.	(d) contingency measures to improve the overall quality of energy performance certificates. Text Origin: COM Proposal incl. RePowerEU
Annex VII				
649	Annex VII	Annex VII	Annex VII	Annex VII Text Origin: COM Proposal incl. RePowerEU
Annex VII, first paragraph				
650	Comparative methodology framework to identify cost-optimal levels of energy performance requirements for buildings and	Comparative methodology framework to identify cost-optimal levels of energy performance requirements for buildings and	Comparative methodology framework to identify cost-optimal levels of energy performance requirements for buildings and	Comparative methodology framework to identify cost-optimal levels of energy performance requirements for buildings and

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	building elements	building elements	building elements	building elements Text Origin: COM Proposal incl. RePowerEU
Annex VII, second paragraph				
651	The comparative methodology framework shall enable Member States to determine the energy and emission performance of buildings and building elements and the economic aspects of measures relating to the energy and emission performance, and to link them with a view to identifying the cost-optimal level.	The comparative methodology framework shall enable Member States to determine the energy and emission performance of buildings and building elements and the economic aspects of measures relating to the energy and emission performance, and to link them with a view to identifying the cost-optimal level <u>to achieve the 2030 emission reduction and climate neutrality goals, as well as a zero emission building stock by 2050 at the latest.</u>	The comparative methodology framework shall enable Member States to determine the energy and emission performance of buildings and building elements and the economic aspects of measures relating to the energy and emission performance, and to link them with a view to identifying the cost-optimal level.	The comparative methodology framework shall enable Member States to determine the energy and emission performance of buildings and building elements and the economic aspects of measures relating to the energy and emission performance, and to link them with a view to identifying the cost-optimal level <u>to achieve the 2030 emission reduction and climate neutrality goals, as well as a zero emission building stock by 2050 at the latest.</u> Text Origin: EP Mandate
Annex VII, third paragraph				
652	The comparative methodology framework shall be accompanied by guidelines outlining how to apply that framework in the calculation of cost-optimal	The comparative methodology framework shall be accompanied by guidelines outlining how to apply that framework in the calculation of cost-optimal	The comparative methodology framework shall be accompanied by guidelines outlining how to apply ~~that~~ that framework in the calculation of cost-optimal	The comparative methodology framework shall be accompanied by guidelines outlining how to apply ~~that~~ that framework in the calculation of cost-optimal

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	performance levels.	performance levels.	performance levels.	performance levels.
Annex VII, fourth paragraph				
653	The comparative methodology framework shall allow for taking into account use patterns, outdoor climate conditions and their future changes according to best available climate science , investment costs, building category, maintenance and operating costs (including energy costs and savings), earnings from energy produced, where applicable, environmental and health externalities of energy use, and waste management costs, where applicable. It should be based on relevant European standards relating to this Directive.	The comparative methodology framework shall allow for taking into account use patterns, outdoor climate conditions ~~and their future changes according to best available climate science~~, investment costs, building category, maintenance and operating costs (including energy costs and savings), earnings from energy ~~produced~~<u>exported</u>, where applicable, ~~environmental~~, <u>economic</u> and health externalities of energy use, ~~and~~ <u>social externalities of building renovations, construction, demolition or the modification of residential area and</u> waste management ~~costs~~, where applicable <u>and technological developments</u>. It should be based on relevant European standards relating to this Directive.	The comparative methodology framework shall allow for taking into account use patterns, outdoor climate conditions ~~and their future changes according to best available climate science~~, including heat and cold waves, investment costs, building category, maintenance and operating costs (including energy costs and savings), earnings from energy produced, where applicable, environmental and health externalities of energy use, ~~and~~ and waste management ~~costs~~, where applicable. It should be based on relevant European standards relating to this Directive.	The comparative methodology framework shall allow for taking into account use patterns, outdoor climate conditions ~~and their future changes according to best available climate science~~, <u>including heat and cold waves</u>, investment costs, building category, maintenance and operating costs (including energy costs and savings), earnings from energy produced, where applicable, environmental and health externalities of energy use, ~~and~~ waste management costs, where applicable, <u>and technological developments</u>. It should be based on relevant European standards relating to this Directive. bracketed, COM to clarify "best available climate science"
Annex VII, fourth paragraph a				
653a		<u>As regards the wider environmental, economic and</u>		deleted

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
		<u>health externalities of improved building performance, these shall include at least:</u>		COM: to streamline 653a-k in a recital
Annex VII, fifth paragraph				
G	653b	<u>- reduced greenhouse gas emissions from buildings;</u>		deleted
Annex VII, sixth paragraph				
G	653c	<u>- reduced pollution from buildings and its effects at building and local level, improved air quality;</u>		deleted
Annex VII, seventh paragraph				
G	653d	<u>- improvement on standards of living and productivity due to better indoor environmental quality resulting in better living and working conditions;</u>		deleted
Annex VII, eighth paragraph				
G	653e	<u>- reduced costs for health and social security systems;</u>		deleted

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
Annex VII, ninth paragraph				
G	653f	<u>- integration of buildings in the energy grid through grid flexibility, including through the use of smart charging points for electric vehicles;</u>		deleted
Annex VII, tenth paragraph				
G	653g	<u>- increased security of supply through higher energy performance and the deployment of solar technologies on buildings;</u>		deleted
Annex VII, eleventh paragraph				
G	653h	<u>- reduced negative externalities such as avoided cost of carbon emissions, avoided climate change impacts and damage (climate mitigation and adaptation);</u>		deleted
Annex VII, twelfth paragraph				
G	653i	<u>- impact on carbon pricing, including levels, volatility and sensitivity;</u>		deleted
Annex VII, thirteenth paragraph				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
653j		<u>- stimulation of the local, regional and national economies, including local job creation and with a specific focus on microenterprises and SMEs in the construction and renovation sectors.</u>		deleted
Annex VII, fourteenth paragraph				
653k		<u>The environmental, energy, economy and health externalities shall be calculated starting from the report due in 2025.</u>		deleted
Annex VII, fifth paragraph				
654	The Commission shall also provide:	The Commission shall also provide:	The Commission shall also provide:	The Commission shall also provide: Text Origin: COM Proposal incl. RePowerEU
Annex VII, sixth paragraph				
655	- guidelines to accompany the comparative methodology framework; those guidelines will serve to enable the Member States	- guidelines to accompany the comparative methodology framework; those guidelines will serve to enable the Member States	- guidelines to accompany the comparative methodology framework;— those— guidelines will serve to enable the Member	- guidelines to accompany the comparative methodology framework;— those— guidelines will serve to enable the Member

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	to undertake the steps listed below;	to undertake the steps listed below;	States to undertake the steps listed below;	States to undertake the steps listed below;
Annex VII, seventh paragraph				
656	- information on estimated long-term energy price developments.	- information on estimated long-term energy <u>and green-house gas emission</u> price developments <u>as well as volatility and sensitivity</u> .	- information on estimated long-term energy price developments.	- information on estimated long-term energy price developments. Text Origin: COM Proposal incl. RePowerEU
Annex VII, eighth paragraph				
657	For the application of the comparative methodology framework by Member States, general conditions, expressed by parameters, shall be laid down at Member State level.	<u>The energy and emission performance shall be carried out using the calculation methodology on the basis of this Directive.</u> For the application of the comparative methodology framework by Member States, general conditions, expressed by parameters, shall be laid down at Member State level. <u>The Commission shall issue recommendations to Member States regarding their cost optimality levels and their coherence with the climate trajectories</u>	For the application of the comparative methodology framework by Member States, general conditions, expressed by parameters, shall be laid down at Member State level.	For the application of the comparative methodology framework by Member States, general conditions, expressed by parameters, shall be laid down at Member State level. <u>The Commission shall issue recommendations to Member States regarding their cost optimality levels, where relevant.</u>
Annex VII, ninth paragraph				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
658	The comparative methodology framework shall require Member States to:	The comparative methodology framework shall require Member States to:	The comparative methodology framework shall require Member States to:	The comparative methodology framework shall require Member States to: Text Origin: COM Proposal incl. RePowerEU
Annex VII, tenth paragraph				
659	- define reference buildings that are characterised by and representative of their functionality and geographic location, including indoor and outdoor climate conditions. The reference buildings shall cover residential and non-residential buildings, both new and existing ones;	- define reference buildings that are characterised by and representative of their functionality and geographic location, including indoor and outdoor climate conditions. The reference buildings shall cover residential and non-residential buildings, both new and existing ones;	- define reference buildings that are characterised by and representative of their functionality and geographic location, including indoor and outdoor climate conditions. The reference buildings shall cover residential and non-residential buildings, both new and existing ones;	- define reference buildings that are characterised by and representative of their functionality and geographic location, including indoor and outdoor climate conditions. The reference buildings shall cover residential and non-residential buildings, both new and existing ones; Text Origin: COM Proposal incl. RePowerEU
Annex VII, eleventh paragraph				
660	- define energy efficiency measures to be assessed for the reference buildings. Those may be measures for individual buildings as a whole, for individual building elements, or for a combination of building elements;	- define energy efficiency measures to be assessed for the reference buildings. Those may be measures for individual buildings as a whole, for individual building elements, or for a combination of building elements;	- define energy efficiency measures to be assessed for the reference buildings.— Those— may be measures for individual buildings as a whole, for individual building elements, or for a combination of building elements;	- define energy efficiency measures to be assessed for the reference buildings.— Those— may be measures for individual buildings as a whole, for individual building elements, or for a combination of building elements;

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	Annex VII, twelfth paragraph			
661	- assess the final and primary energy need and resulting emissions of the reference buildings with the defined energy efficiency measures applied;	- assess the final and primary energy need and resulting emissions of the reference buildings with the defined energy efficiency measures applied;	- assess the final and primary energy need– and resulting emissions– of the reference buildings– with the defined energy efficiency measures applied;	- assess the final and primary energy need– and resulting emissions– of the reference buildings– with the defined energy efficiency measures applied;
	Annex VII, thirteenth paragraph			
662	- calculate the costs (i.e. the net present value) of the energy efficiency measures (as referred to in the second indent) during the expected economic lifecycle applied to the reference buildings (as referred to in the first indent) by applying the comparative methodology framework principles.	- calculate the costs (i.e. the net present value) of the energy efficiency measures (as referred to in the second indent) during the expected economic lifecycle applied to the reference buildings (as referred to in the first indent) by applying the comparative methodology framework principles.	- calculate the costs (i.e. the net present value) of the energy efficiency measures (as referred to in the second indent) during the expected economic lifecycle applied to the reference buildings (as referred to in the first indent) by applying the comparative methodology framework principles.	- calculate the costs (i.e. the net present value) of the energy efficiency measures (as referred to in the second indent) during the expected economic lifecycle applied to the reference buildings (as referred to in the first indent) by applying the comparative methodology framework principles. Text Origin: COM Proposal incl. RePowerEU
	Annex VII, thirteenth paragraph a			
662a		<u>- calculate the global costs from a financial and macroeconomic perspective.</u>		<i>deleted</i>

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	<i>Annex VII, fourteenth paragraph</i>			
G 663	By calculating the costs of the energy efficiency measures during the expected economic lifecycle, the cost-effectiveness of different levels of minimum energy performance requirements is assessed by the Member States. That will allow the determination of cost-optimal levels of energy performance requirements.	By calculating the costs of the energy efficiency measures during the expected economic lifecycle, the cost-effectiveness of different levels of minimum energy performance requirements is assessed by the Member States. That will allow the determination of cost-optimal levels of energy performance requirements.	By calculating the costs of the energy efficiency measures during the expected economic lifecycle, the cost-effectiveness of different levels of minimum energy performance requirements is assessed by the Member States. ~~That~~ That will allow the determination of cost-optimal levels of energy performance requirements.	By calculating the costs of the energy efficiency measures during the expected economic lifecycle, the cost-effectiveness of different levels of minimum energy performance requirements is assessed by the Member States. ~~That~~ That will allow the determination of cost-optimal levels of energy performance requirements.
	Annex VIIa			
G 663a				<u>Annex XX REQUIREMENTS FOR BUILDING RENOVATION PASSPORTS</u> (Referred to in Article 10) Trilogue 12 October
	Annex VIIa, first paragraph			
G 663b				<u>1. The renovation passport shall include:</u>

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				Trilogue 12 October
Annex VIIa, second paragraph				
663c				<i>a) Information on the current energy performance of the building;</i> Trilogue 12 October
Annex VIIa, third paragraph				
663d				<i>b) A graphical representation or graphical representations of the roadmap and its steps for a staged deep renovation;</i> Trilogue 12 October
Annex VIIa, fourth paragraph				
663e				<i>c) Information on relevant national requirements such as minimum energy performance requirements for buildings, minimum energy performance standards and rules in the Member State on the phase-out of fossil-fuel used in buildings for heating and cooling, including</i>

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				<u>application dates;</u> Trilogue 12 October
	Annex VIIa, fifth paragraph			
663f				<u>d) A succinct explanation on the optimal sequencing of steps;</u> Trilogue 12 October
	Annex VIIa, sixth paragraph			
663g				<u>e) Information about each step, including;</u> Trilogue 12 October
	Annex VIIa, seventh paragraph			
663h				<u>i. The name and description of the renovation measures for the step, including relevant options for the technologies, techniques and materials to be used;</u> Trilogue 12 October
	Annex VIIa, eighth paragraph			

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				<u>performance class of the energy performance certificate to be achieved following completion of the step;</u> Trilogue 12 October
	Annex VIIa, twelfth paragraph			
G 663m				<u>(f) Information about a potential connection to an efficient district heating and cooling system;</u> Trilogue 12 October
	Annex VIIa, thirteenth paragraph			
G 663n				<u>(g) The share of individual or collective generation and self-consumption of renewable energy estimated to be achieved after the renovation;</u> Trilogue 12 October
	Annex VIIa, fourteenth paragraph			
G 663o				<u>(h) General information on available options for improving construction products' circularity</u>

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				<u>and for reducing their whole lifecycle greenhouse gas emissions, as well as wider benefits related to health and comfort, indoor environmental quality and the improved adaptive capacity of the building to climate change;</u> Trilogue 12 October
Annex VIIa, fifteenth paragraph				
663p				<u>(i) Information on available funding and relevant weblinks to the sources of such funding;</u> Trilogue 12 October
Annex VIIa, sixteenth paragraph				
663q				<u>(i) Information on technical advice and advisory services, including contact details and weblinks to one-stop-shops.</u> Trilogue 12 October
Annex VIIa, seventeenth paragraph				
663r				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				<u>2. The renovation passport may include:</u> Trilogue 12 October
	Annex VIIa, eighteenth paragraph			
G	663s			<u>(a) An indicative timing of the steps;</u> Trilogue 12 October
	Annex VIIa, nineteenth paragraph			
G	663t			<u>(b) For each step:</u> Trilogue 12 October
	Annex VIIa, twentieth paragraph			
G	663u			<u>i. A detailed description of the technologies, techniques and materials to be used, their advantages, disadvantages and costs;</u> Trilogue 12 October
	Annex VIIa, twenty-first paragraph			

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
G 663v			PUBLIC	<u>ii. How the energy performance of the building would compare to minimum energy performance requirements for buildings undergoing major renovation, nearly zero-energy building and zero-emission building requirements after completion of the step and how the energy performance of the building elements replaced would compare to minimum energy performance requirements for single building elements [where these exist];</u> Trilogue 12 October
Annex VIIa, twenty-second paragraph				
G 663w				<u>iii. The estimated costs for carrying out the step;</u> Trilogue 12 October
Annex VIIa, twenty-third paragraph				
G 663x				<u>iv. The estimated pay-back period for the step, with and without any financial support available;</u>

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				Trilogue 12 October
Annex VIIa, twenty-fourth paragraph				
663y				<u>v. The estimated time needed to carry out the step;</u> Trilogue 12 October
Annex VIIa, twenty-fifth paragraph				
663z				<u>vi. Where available, the reference values on the lifecycle greenhouse gas emissions for the materials and equipment and a link to the relevant webpage where they can be found;</u> Trilogue 12 October
Annex VIIa, twenty-sixth paragraph				
663aa				<u>vii. The estimated lifetime of measures and the estimated maintenance costs;</u> Trilogue 12 October
Annex VIIa, twenty-seventh paragraph				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
G	663ab			<u>(c) Independent modules on:</u> Trilogue 12 October
Annex VIIa, twenty-eighth paragraph				
G	663ac			<u>i. The typical trades necessary or recommended for carrying out energy renovations (architects, advisors, contractors, suppliers and installer, etc.) or a weblink to the relevant page(s);</u> Trilogue 12 October
Annex VIIa, twenty-ninth paragraph				
G	663ad			<u>ii. A list of relevant architects, advisors, contractors, suppliers or installers in the area, that may include only those fulfilling certain conditions such as matching higher qualification or certification labels or conditions, or a weblink to the relevant page(s);</u> Trilogue 12 October
Annex VIIa, thirtieth paragraph				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement	
G	663ae			<u>iii. The technical conditions needed for an optimal roll-out of low temperature heating;</u> Trilogue 12 October	G
Annex VIIa, thirty-first paragraph					
G	663af			<u>iv. How the renovation steps and additional measures could improve the smart readiness of a building;</u> Trilogue 12 October	G
Annex VIIa, thirty-second paragraph					
G	663ag			<u>v. Technical and safety requirements for materials and works;</u> Trilogue 12 October	G
Annex VIIa, thirty-third paragraph					
G	663ah			<u>vi. The underlying assumptions behind the calculations provided or a link to the relevant webpage where they can be found;</u>	G

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				Trilogue 12 October
Annex VIIa, thirty-fourth paragraph				
663ai				<u>(d) Information on how to access a digital version of the renovation passport;</u> Trilogue 12 October
Annex VIIa, thirty-fifth paragraph				
663aj				<u>(e) Any major renovations made to the building or building unit, as referred to in Article 8(1), and any retrofitting or replacement of a building element that forms part of the building envelope and which has a significant impact on the energy performance of the building envelope, as referred to in Article 8(2), where such information is made available to the expert carrying out the renovation passport;</u> Trilogue 12 October
Annex VIIa, thirty-sixth paragraph				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
G 663ak				<u>(f) Information related to seismic safety, where such information relevant to the building is made available to the expert;</u> Trilogue 12 October
Annex VIIa, thirty-seventh paragraph				
G 663al				<u>(g) upon request of and based on information made available by the current building owner, contain in an attachment additional information, such as the adaptability of spaces to evolving needs and any planned renovations.</u> Trilogue 12 October
Annex VIIa, thirty-eighth paragraph				
G 663am				<u>3. Regarding the status of the building prior to the renovation steps, the renovation passport shall consider, to the extent possible, information contained in the energy performance certificate.</u>

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
				Trilogue 12 October
Annex VIIa, thirty-ninth paragraph				
663an				<u>4. Each metric used for estimating the impact of steps shall be based on a set of standard conditions.</u> Trilogue 12 October
Annex VIII				
664	Annex VIII	Annex VIII	Annex VIII	
Annex VIII, Part I				
665	Part I Part A	Part I Part A	Part I Part A	
Annex VIII, first paragraph				
666	Repealed Directive with list of the successive amendments thereto (referred to in Article 33)	Repealed Directive with list of the successive amendments thereto (referred to in Article 33)	Repealed Directive with list of the successive amendments thereto (referred to in Article 33)	
Annex VIII, Table 5, Column 1, Row 1				
667				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	Directive 2010/31/EU of the European Parliament and of the Council (OJ L 153, 18.6.2010, p. 13)	Directive 2010/31/EU of the European Parliament and of the Council (OJ L 153, 18.6.2010, p. 13)	Directive 2010/31/EU of the European Parliament and of the Council (OJ L 153, 18.6.2010, p. 13) linked to line 670 (stays empty)	
Annex VIII, Table 5, Column 1, Row 2				
668	Directive (EU) 2018/844 of the European Parliament and of the Council (OJ L 156, 19.6.2018, p. 75)	Directive (EU) 2018/844 of the European Parliament and of the Council (OJ L 156, 19.6.2018, p. 75)	Directive (EU) 2018/844 of the European Parliament and of the Council (OJ L 156, 19.6.2018, p. 75) linked to line 671	
Annex VIII, Table 5, Column 1, Row 3				
669	Regulation (EU) 2018/1999 of the European Parliament and of the Council (OJ L 328, 21.12.2018, p. 1)	Regulation (EU) 2018/1999 of the European Parliament and of the Council (OJ L 328, 21.12.2018, p. 1)	Regulation (EU) 2018/1999 of the European Parliament and of the Council (OJ L 328, 21.12.2018, p. 1) linked to line 672	
Annex VIII, Table 5, Column 2, Row 1				
670				
Annex VIII, Table 5, Column 2, Row 2				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
671	only Article 1	only Article 1	only Article 1	
Annex VIII, Table 5, Column 2, Row 3				
672	only Article 53	only Article 53	only Article 53	
Annex VIII, Part II				
673	Part II Part B	Part II Part B	Part II Part B	
Annex VIII, second paragraph				
674	Time-limits for transposition into national law and dates of application	Time-limits for transposition into national law and dates of application	Time-limits for transposition into national law and dates of application (referred to in Article 33) wrong formatting of the COM proposal, linked to below	
Annex VIII, third paragraph				
675	(referred to in Article 33)	(referred to in Article 33)		
Annex VIII, Table 6, Column 1, Row 1				
676	Directive	Directive	Directive	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
Annex VIII, Table 6, Column 1, Row 2				
677	2010/31/EU	2010/31/EU	2010/31/EU linked to lines 680 and 683	
Annex VIII, Table 6, Column 1, Row 3				
678	(EU) 2018/844	(EU) 2018/844	(EU) 2018/844 linked to lines 681 and 684 (stays empty)	
Annex VIII, Table 6, Column 2, Row 1				
679	Time-limit for transposition	Time-limit for transposition	Time-limit for transposition	
Annex VIII, Table 6, Column 2, Row 2				
680	9 July 2012	9 July 2012	9 July 2012	
Annex VIII, Table 6, Column 2, Row 3				
681	10 March 2020	10 March 2020	10 March 2020	
Annex VIII, Table 6, Column 3, Row 1				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
682	Dates of application	Dates of application	Dates of application	
Annex VIII, Table 6, Column 3, Row 2				
683	as far as Articles 2, 3, 9, 11, 12, 13, 17, 18, 20 and 27 are concerned, 9 January 2013; as far as Articles 4, 5, 6, 7, 8, 14, 15 and 16 are concerned, 9 January 2013 with regard to buildings occupied by the public authorities and 9 July 2013 with regard to other buildings	as far as Articles 2, 3, 9, 11, 12, 13, 17, 18, 20 and 27 are concerned, 9 January 2013; as far as Articles 4, 5, 6, 7, 8, 14, 15 and 16 are concerned, 9 January 2013 with regard to buildings occupied by the public authorities and 9 July 2013 with regard to other buildings	as far as Articles 2, 3, 9, 11, 12, 13, 17, 18, 20 and 27 are concerned, 9 January 2013; as far as Articles 4, 5, 6, 7, 8, 14, 15 and 16 are concerned, 9 January 2013 with regard to buildings occupied by the public authorities and 9 July 2013 with regard to other buildings	
Annex VIII, Table 6, Column 3, Row 3				
684				
Annex IX				
685	Annex IX	Annex IX	Annex IX	
Annex IX, Table 7, Column 1, Row 1				
686	Correlation table	Correlation table	Correlation table	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
Annex IX, Table 7, Column 1, Row 2				
687	Directive 2010/31/EU	Directive 2010/31/EU	Directive 2010/31/EU	
Annex IX, Table 7, Column 1, Row 3				
688	Article 1	Article 1	Article 1	
Annex IX, Table 7, Column 1, Row 4				
689	Article 2, point (1)	Article 2, point (1)	Article 2, point (1)	
Annex IX, Table 7, Column 1, Row 5				
690				
Annex IX, Table 7, Column 1, Row 6				
691	Article 2, point (2)	Article 2, point (2)	Article 2, point (2)	
Annex IX, Table 7, Column 1, Row 7				
692				
Annex IX, Table 7, Column 1, Row 8				
693	Article 2, points (3), (3a), (4) and	Article 2, points (3), (3a), (4) and	Article 2, points (3), (3a), (4) and	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	(5)	(5)	(5)	
Annex IX, Table 7, Column 1, Row 9				
694				
Annex IX, Table 7, Column 1, Row 10				
695	Article 2, points (6), (7), (8) and (9)	Article 2, points (6), (7), (8) and (9)	Article 2, points (6), (7), (8) and (9)	
Annex IX, Table 7, Column 1, Row 11				
696				
Annex IX, Table 7, Column 1, Row 12				
697	Article 2, point (10)	Article 2, point (10)	Article 2, point (10)	
Annex IX, Table 7, Column 1, Row 13				
698				
Annex IX, Table 7, Column 1, Row 14				
699	Article 2, points (11), (12), (13) and (14)	Article 2, points (11), (12), (13) and (14)	Article 2, points (11), (12), (13) and (14)	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
Annex IX, Table 7, Column 1, Row 15				
700				
Annex IX, Table 7, Column 1, Row 16				
701	Article 2, point (15)	Article 2, point (15)	Article 2, point (15)	
Annex IX, Table 7, Column 1, Row 17				
702	Article 2, points (15), (15a), (15b), (15c), (16) and (17)	Article 2, points (15), (15a), (15b), (15c), (16) and (17)	Article 2, points (15), (15a), (15b), (15c), (16) and (17)	
Annex IX, Table 7, Column 1, Row 18				
703	Article 2, point (18)	Article 2, point (18)	Article 2, point (18)	
Annex IX, Table 7, Column 1, Row 19				
704	Article 2, point (19)	Article 2, point (19)	Article 2, point (19)	
Annex IX, Table 7, Column 1, Row 20				
705				
Annex IX, Table 7, Column 1, Row 21				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
706	Article 2, point (20)	Article 2, point (20)	Article 2, point (20)	
Annex IX, Table 7, Column 1, Row 22				
707	Article 2a	Article 2a	Article 2a	
Annex IX, Table 7, Column 1, Row 23				
708	Article 3	Article 3	Article 3	
Annex IX, Table 7, Column 1, Row 24				
709	Article 4	Article 4	Article 4	
Annex IX, Table 7, Column 1, Row 25				
710	Article 5	Article 5	Article 5	
Annex IX, Table 7, Column 1, Row 26				
711	Articles 6 and 9	Articles 6 and 9	Articles 6 and 9	
Annex IX, Table 7, Column 1, Row 27				
712	Article 7	Article 7	Article 7	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
Annex IX, Table 7, Column 1, Row 28				
713				
Annex IX, Table 7, Column 1, Row 29				
714				
Annex IX, Table 7, Column 1, Row 30				
715	Article 8(1), (9)	Article 8(1), (9)	Article 8(1), (9)	
Annex IX, Table 7, Column 1, Row 31				
716	Article 8(2) to (8)	Article 8(2) to (8)	Article 8(2) to (8)	
Annex IX, Table 7, Column 1, Row 32				
717	Article 8(10), (11)	Article 8(10), (11)	Article 8(10), (11)	
Annex IX, Table 7, Column 1, Row 33				
718				
Annex IX, Table 7, Column 1, Row 34				
719	Article 10	Article 10	Article 10	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
Annex IX, Table 7, Column 1, Row 35				
720	Article 11	Article 11	Article 11	
Annex IX, Table 7, Column 1, Row 36				
721	Article 12	Article 12	Article 12	
Annex IX, Table 7, Column 1, Row 37				
722	Article 13	Article 13	Article 13	
Annex IX, Table 7, Column 1, Row 38				
723				
Annex IX, Table 7, Column 1, Row 39				
724	Articles 14 and 15	Articles 14 and 15	Articles 14 and 15	
Annex IX, Table 7, Column 1, Row 40				
725	Article 16	Article 16	Article 16	
Annex IX, Table 7, Column 1, Row 41				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
726	Article 17	Article 17	Article 17	
Annex IX, Table 7, Column 1, Row 42				
727				
Annex IX, Table 7, Column 1, Row 43				
728	Article 18	Article 18	Article 18	
Annex IX, Table 7, Column 1, Row 44				
729	Article 19	Article 19	Article 19	
Annex IX, Table 7, Column 1, Row 45				
730	Article 19a	Article 19a	Article 19a	
Annex IX, Table 7, Column 1, Row 46				
731	Article 20	Article 20	Article 20	
Annex IX, Table 7, Column 1, Row 47				
732	Article 21	Article 21	Article 21	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
Annex IX, Table 7, Column 1, Row 48				
733	Article 22	Article 22	Article 22	
Annex IX, Table 7, Column 1, Row 49				
734	Article 23	Article 23	Article 23	
Annex IX, Table 7, Column 1, Row 50				
735	Article 26	Article 26	Article 26	
Annex IX, Table 7, Column 1, Row 51				
736	Article 27	Article 27	Article 27	
Annex IX, Table 7, Column 1, Row 52				
737	Article 28	Article 28	Article 28	
Annex IX, Table 7, Column 1, Row 53				
738	Article 29	Article 29	Article 29	
Annex IX, Table 7, Column 1, Row 54				
739	Article 30	Article 30	Article 30	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
Annex IX, Table 7, Column 1, Row 55				
740	Article 31	Article 31	Article 31	
Annex IX, Table 7, Column 1, Row 56				
741	Annex I	Annex I	Annex I	
Annex IX, Table 7, Column 1, Row 57				
742				
Annex IX, Table 7, Column 1, Row 58				
743				
Annex IX, Table 7, Column 1, Row 59				
744	Annex IA	Annex IA	Annex IA	
Annex IX, Table 7, Column 1, Row 60				
745				
Annex IX, Table 7, Column 1, Row 61				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
746	Annex II	Annex II	Annex II	
Annex IX, Table 7, Column 1, Row 62				
747	Annex III	Annex III	Annex III	
Annex IX, Table 7, Column 1, Row 63				
748	Annex IV	Annex IV	Annex IV	
Annex IX, Table 7, Column 1, Row 64				
749	Annex V	Annex V	Annex V	
Annex IX, Table 7, Column 2, Row 2				
750	This Directive	This Directive	This Directive	
Annex IX, Table 7, Column 2, Row 3				
751	Article 1	Article 1	Article 1	
Annex IX, Table 7, Column 2, Row 4				
752	Article 2, point 1	Article 2, point 1	Article 2, point 1	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
Annex IX, Table 7, Column 2, Row 5				
753	Article 2, point (2)	Article 2, point (2)	Article 2, point (2)	
Annex IX, Table 7, Column 2, Row 6				
754	Article 2, point (3)	Article 2, point (3)	Article 2, point (3)	
Annex IX, Table 7, Column 2, Row 7				
755	Article 2, points (4) and (5)	Article 2, points (4) and (5)	Article 2, points (4) and (5)	
Annex IX, Table 7, Column 2, Row 8				
756	Article 2, point (6), (7), (8) and (9)	Article 2, point (6), (7), (8) and (9)	Article 2, point (6), (7), (8) and (9)	
Annex IX, Table 7, Column 2, Row 9				
757	Article 2, points (10), (11) and (12)	Article 2, points (10), (11) and (12)	Article 2, points (10), (11) and (12)	
Annex IX, Table 7, Column 2, Row 10				
758	Article 2, points (13), (14), (15) and (16)	Article 2, points (13), (14), (15) and (16)	Article 2, points (13), (14), (15) and (16)	
Annex IX, Table 7, Column 2, Row 11				
759				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
	Article 2, points (17), (18), (19) and (20)	Article 2, points (17), (18), (19) and (20)	Article 2, points (17), (18), (19) and (20)	
Annex IX, Table 7, Column 2, Row 12				
760	Article 2, point (21)	Article 2, point (21)	Article 2, point (21)	
Annex IX, Table 7, Column 2, Row 13				
761	Article 2, points (22), (23), (24), (25), (26) and (27)	Article 2, points (22), (23), (24), (25), (26) and (27)	Article 2, points (22), (23), (24), (25), (26) and (27)	
Annex IX, Table 7, Column 2, Row 14				
762	Article 2, points (28), (29), (30) and (31)	Article 2, points (28), (29), (30) and (31)	Article 2, points (28), (29), (30) and (31)	
Annex IX, Table 7, Column 2, Row 15				
763	Article 2, points (32), (33), (34), (35), (36) and (37)	Article 2, points (32), (33), (34), (35), (36) and (37)	Article 2, points (32), (33), (34), (35), (36) and (37)	
Annex IX, Table 7, Column 2, Row 16				
764	Article 2, point (37)	Article 2, point (37)	Article 2, point (37)	
Annex IX, Table 7, Column 2, Row 17				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
765	Article 2, points (38), (39), (40), (41), (42) and (43)	Article 2, points (38), (39), (40), (41), (42) and (43)	Article 2, points (38), (39), (40), (41), (42) and (43)	
Annex IX, Table 7, Column 2, Row 18				
766				
Annex IX, Table 7, Column 2, Row 19				
767	Article 2, point (44)	Article 2, point (44)	Article 2, point (44)	
Annex IX, Table 7, Column 2, Row 20				
768	Article 2, points (45), (46), (47), (48), (49), (50), (51), (52), (53), (54), (55), (56) and (57)	Article 2, points (45), (46), (47), (48), (49), (50), (51), (52), (53), (54), (55), (56) and (57)	Article 2, points (45), (46), (47), (48), (49), (50), (51), (52), (53), (54), (55), (56) and (57)	
Annex IX, Table 7, Column 2, Row 21				
769	—	—	—	
Annex IX, Table 7, Column 2, Row 22				
770	Article 3	Article 3	Article 3	
Annex IX, Table 7, Column 2, Row 23				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
771	Article 4	Article 4	Article 4	
Annex IX, Table 7, Column 2, Row 24				
772	Article 5	Article 5	Article 5	
Annex IX, Table 7, Column 2, Row 25				
773	Article 6	Article 6	Article 6	
Annex IX, Table 7, Column 2, Row 26				
774	Article 7	Article 7	Article 7	
Annex IX, Table 7, Column 2, Row 27				
775	Article 8	Article 8	Article 8	
Annex IX, Table 7, Column 2, Row 28				
776	Article 9	Article 9	Article 9	
Annex IX, Table 7, Column 2, Row 29				
777	Article 10	Article 10	Article 10	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
Annex IX, Table 7, Column 2, Row 30				
778	Article 11	Article 11	Article 11	
Annex IX, Table 7, Column 2, Row 31				
779	Article 12	Article 12	Article 12	
Annex IX, Table 7, Column 2, Row 32				
780	Article 13	Article 13	Article 13	
Annex IX, Table 7, Column 2, Row 33				
781	Article 14	Article 14	Article 14	
Annex IX, Table 7, Column 2, Row 34				
782	Article 15	Article 15	Article 15	
Annex IX, Table 7, Column 2, Row 35				
783	Article 16	Article 16	Article 16	
Annex IX, Table 7, Column 2, Row 36				
784	Article 17	Article 17	Article 17	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
Annex IX, Table 7, Column 2, Row 37				
785	Article 18	Article 18	Article 18	
Annex IX, Table 7, Column 2, Row 38				
786	Article 19	Article 19	Article 19	
Annex IX, Table 7, Column 2, Row 39				
787	Article 20	Article 20	Article 20	
Annex IX, Table 7, Column 2, Row 40				
788	Article 21	Article 21	Article 21	
Annex IX, Table 7, Column 2, Row 41				
789	Article 22	Article 22	Article 22	
Annex IX, Table 7, Column 2, Row 42				
790	Article 23	Article 23	Article 23	
Annex IX, Table 7, Column 2, Row 43				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
791	Article 24	Article 24	Article 24	
Annex IX, Table 7, Column 2, Row 44				
792	Article 25	Article 25	Article 25	
Annex IX, Table 7, Column 2, Row 45				
793	—	—	—	
Annex IX, Table 7, Column 2, Row 46				
794	Article 26	Article 26	Article 26	
Annex IX, Table 7, Column 2, Row 47				
795	Article 27	Article 27	Article 27	
Annex IX, Table 7, Column 2, Row 48				
796	Article 28	Article 28	Article 28	
Annex IX, Table 7, Column 2, Row 49				
797	Article 29	Article 29	Article 29	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
Annex IX, Table 7, Column 2, Row 50				
798	Article 30	Article 30	Article 30	
Annex IX, Table 7, Column 2, Row 51				
799	Article 31	Article 31	Article 31	
Annex IX, Table 7, Column 2, Row 52				
800	Article 32	Article 32	Article 32	
Annex IX, Table 7, Column 2, Row 53				
801	Article 33	Article 33	Article 33	
Annex IX, Table 7, Column 2, Row 54				
802	Article 34	Article 34	Article 34	
Annex IX, Table 7, Column 2, Row 55				
803	Article 35	Article 35	Article 35	
Annex IX, Table 7, Column 2, Row 56				

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
804	Annex I	Annex I	Annex I	
Annex IX, Table 7, Column 2, Row 57				
805	Annex II	Annex II	Annex II	
Annex IX, Table 7, Column 2, Row 58				
806	Annex III	Annex III	Annex III	
Annex IX, Table 7, Column 2, Row 59				
807	Annex IV		Annex IV	
Annex IX, Table 7, Column 2, Row 60				
808	Annex V	Annex V	Annex V	
Annex IX, Table 7, Column 2, Row 61				
809	Annex VI	Annex VI	Annex VI	
Annex IX, Table 7, Column 2, Row 62				
810	Annex VII	Annex VII	Annex VII	

	COM Proposal incl. RePowerEU	EP Mandate	Council Mandate	Draft Agreement
Annex IX, Table 7, Column 2, Row 63				
811	Annex VIII	Annex VIII	Annex VIII	
Annex IX, Table 7, Column 2, Row 64				
812	Annex IX	Annex IX	Annex IX	
Annex IX, first paragraph				
813	THIS SUBHEADING IS MISSING. THANK YOU FOR USING ANOTHER LANGUAGE.	<i>deleted</i>		
Annex IX, second paragraph				
814	THIS SUBHEADING IS MISSING. THANK YOU FOR USING ANOTHER LANGUAGE.	<i>deleted</i>		
Annex IX, third paragraph				
815	THIS SUBHEADING IS MISSING. THANK YOU FOR USING ANOTHER LANGUAGE.	<i>deleted</i>		

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