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WORKING PAPER

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MEETING DOCUMENT

From:	General Secretariat of the Council
To:	Working Party on Competitiveness and Growth (Industry)
Subject:	Transition Pathways - Powerpoint presentation (Compcro WP 26.10.2021)

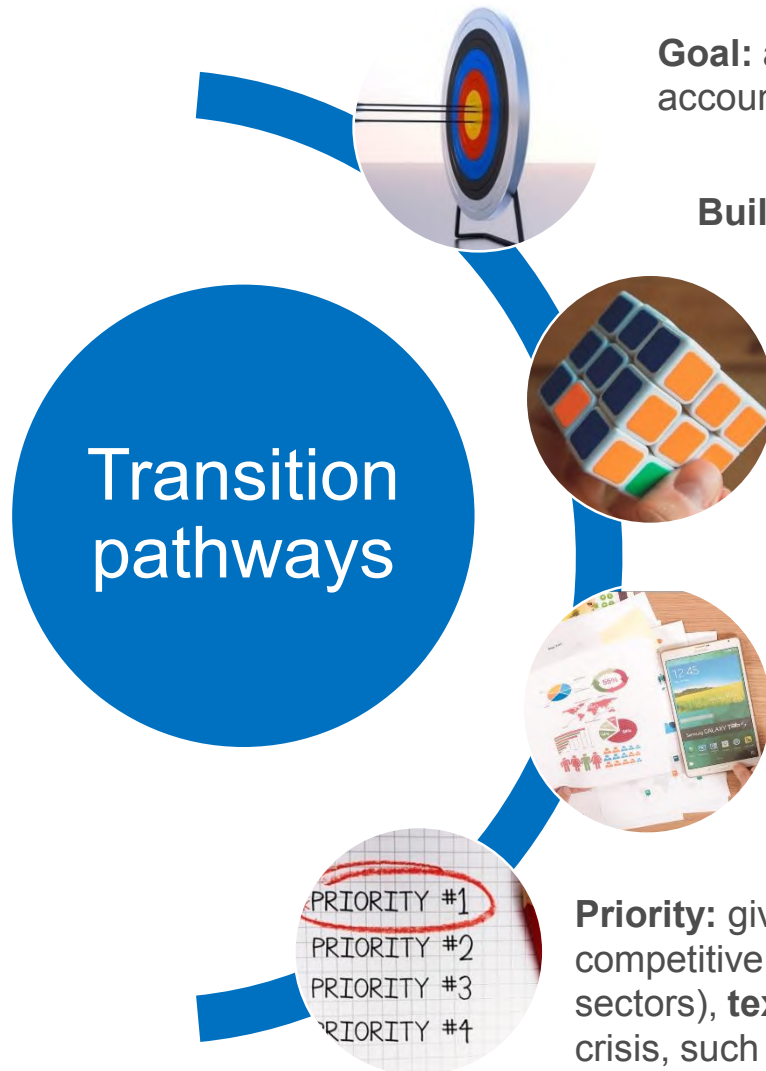


Transition Pathways

COMPCRO Industry – 26 October

Dr. Ulla Engelmann
Acting Director – GROW D. Networks and Governance

What are the Transition Pathways?



Goal: an actionable plan for the transition of industrial ecosystems taking into account the scale, cost, long term benefits and conditions of the twin transition

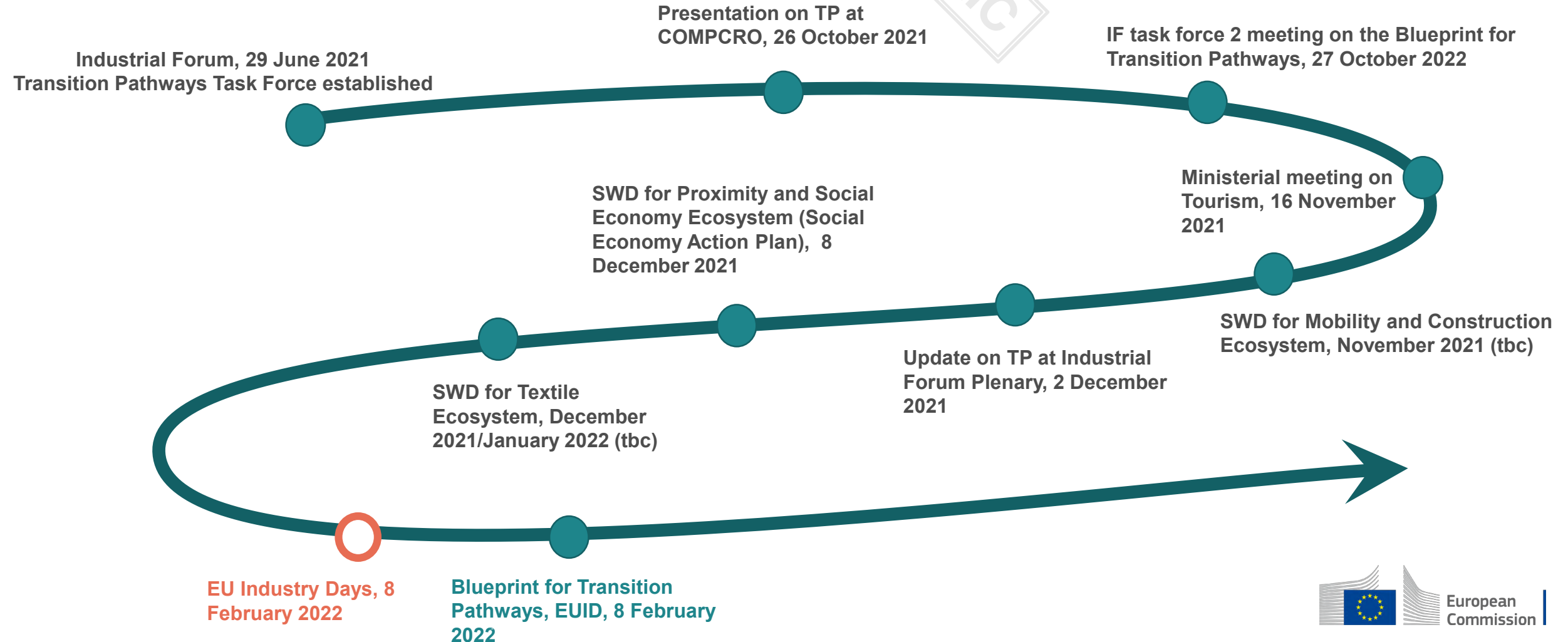
Building blocks:

- transition vision: goals and milestones for greening and digitalisation + resilience
- bottlenecks, enablers (including regulatory), monitoring mechanism
- Investment needs and funding opportunities
- SMEs, technological readiness, skills
- Measures to stimulate demand
- International dimension

Taking into account: relevant inputs such as **ecosystems analysis** (fiches), **digital compass and fit for 55 targets**, **industrial technology roadmaps** (ERA + Action Plan on Synergies between civil, defence and space industries) and inputs from stakeholders such relevant expert groups and the **Industrial Forum** members

Priority: given to ecosystems and sectors that urgently need to transition and remain competitive, such as **energy-intensive industries** (including the chemical and steel sectors), **textiles** and **construction**, as well as to sectors heavily affected by the crisis, such as **tourism**, **proximity** and **social economy** and **mobility**

Timeline of Transition Pathways

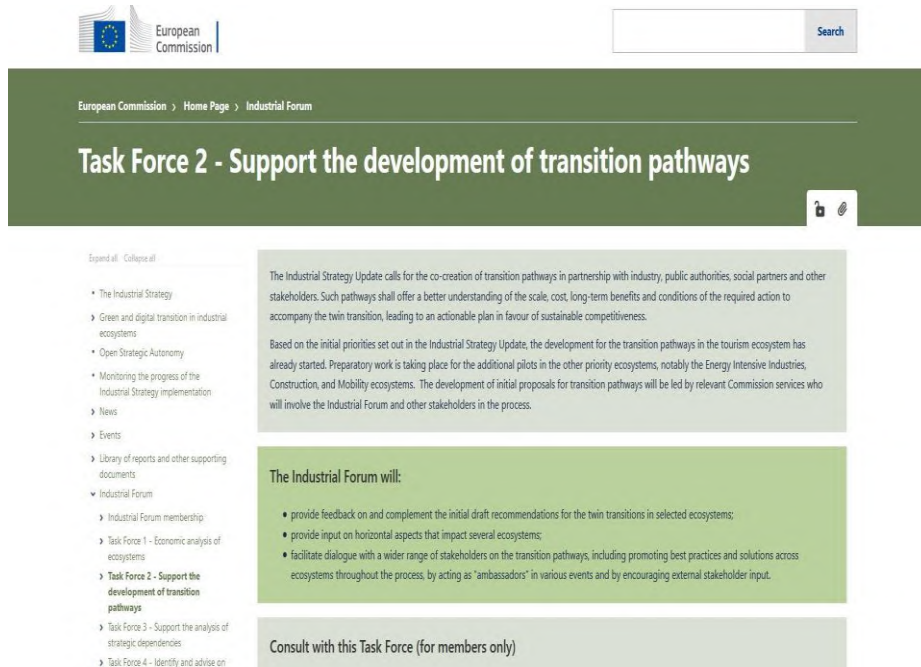


The state-of-play of Transition Pathways

- In July, the Commission released a SWD on transition pathways for **Tourism ecosystem** [DocsRoom - European Commission \(europa.eu\)](#). The public consultation closed on 15 September. The draft pathways will be presented and discussed in the ministerial meeting that will take place on 16 November.
- In September, the Commission published the scenarios for the **Energy Intensive Industries ecosystem**: [DocsRoom - European Commission \(europa.eu\)](#). The scenarios are under public open consultation until 22 November.
- **Mobility** and **Construction** ecosystems should follow soon.
- **Textiles** and **Proximity and Social Economy** will be next (end of the year TBC).
- **Renewables** shall start the process in the coming weeks.

IF Task Force 2 supports the development of Transition Pathways

Collaborative wiki platform



The screenshot shows the European Commission website. The header includes the European Commission logo and a search bar. The main navigation bar shows "European Commission > Home Page > Industrial Forum". The page title is "Task Force 2 - Support the development of transition pathways". The left sidebar contains a list of links: "The Industrial Strategy", "Green and digital transition in industrial ecosystems", "Open Strategic Autonomy", "Monitoring the progress of the Industrial Strategy implementation", "News", "Events", "Library of reports and other supporting documents", "Industrial Forum", "Industrial Forum membership", "Task Force 1 - Economic analysis of ecosystems", "Task Force 2 - Support the development of transition pathways", "Task Force 3 - Support the analysis of strategic dependencies", and "Task Force 4 - Identify and advise on". The main content area includes a paragraph about the Industrial Strategy Update, a section titled "The Industrial Forum will:" with bullet points, and a section titled "Consult with this Task Force (for members only)".

- documents
- Industrial Forum
 - Industrial Forum membership
 - Task Force 1 - Economic analysis of ecosystems
 - Task Force 2 - Support the development of transition pathways
 - Task Force 2 content information
 - Task Force 2 discussion space**
 - Task Force 2 internal planning
 - Task Force 2 meetings
 - Task Force 3 - Support the analysis of strategic dependencies
 - Task Force 4 - Identify and advise on cross-border and cross-ecosystem investment needs and cooperation opportunities
 - Task Force 5 - Support the uptake of advanced manufacturing processes by EU industry
 - Work Streams, Roles and responsibilities - practical guidance
 - Guidelines for using the Industrial Forum wiki
 - Meetings
 - Surveys and consultations
 - Internal Commission
 - become an external expert

Show Advanced Filters

Status	Topic
	Blueprint for the Transition Pathways Dear Task Force members, During the past months we have been discussing the building blocks for the Transition Pathways https://webgate.ec.europa.eu/fpfis/wikis/pages/viewpage.action?pagelD=894534741 , sharing inspirational references and proposals during
	Energy prices Dear TF2 members, As you all may know, the European Commission adopted last week a communication on energy prices: "Tackling rising energy prices: a toolbox for action and support" (https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=COM%3A2021%3A660%3AFI)
	How to effectively involve SMEs in the Transition Pathways? Dear Task Force 2 members, We invite you to discuss here a key topic for our task: How can the Transition Pathways support SMEs green, digital and resilient growth? With effective Transition Pathways we can further support SMEs in the needed transition. N
	Stakeholder consultation on the transition pathway for the energy-intensive industries ecosystem Dear Task Force 2 members, The Commission recently published a staff working document https://ec.europa.eu/docsroom/documents/47059 outlining possible scenarios for a transition pathway toward a resilient, innovative, sustainable and digital energy-intens
	Building blocks for the Transition Pathways Topic updated on 9/9/21 Dear Task Force members, As discussed during our first meeting, we are invited to create a list/mapping of horizontal building blocks for the transition pathways that can be applicable to all industrial ecosystems. To design the bu
	Generic discussion TF2 Please use this place for generic discussion only. Create specific discussion topics, for example to support discussion on a specific topic (planning, deliverable, etc)

Applications for Member States to become Curator on Task Force 2 are now **OPEN**

What is the Blueprint on Transition Pathways?

The Blueprint on transition pathways is the umbrella and guiding principles for the industrial ecosystems to be used on their transition pathways. The report is based on different building blocks relevant for the twin transition and will serve as a guidelines for the industrial ecosystems. The main goals of the Blueprint are:

- a) identify the main obstacles and gaps every industrial ecosystem is facing under the digital/ green and resilience dimensions.
- b) identify what are the main actions that should be implemented to mitigate those obstacles and gaps identified by the ecosystems.

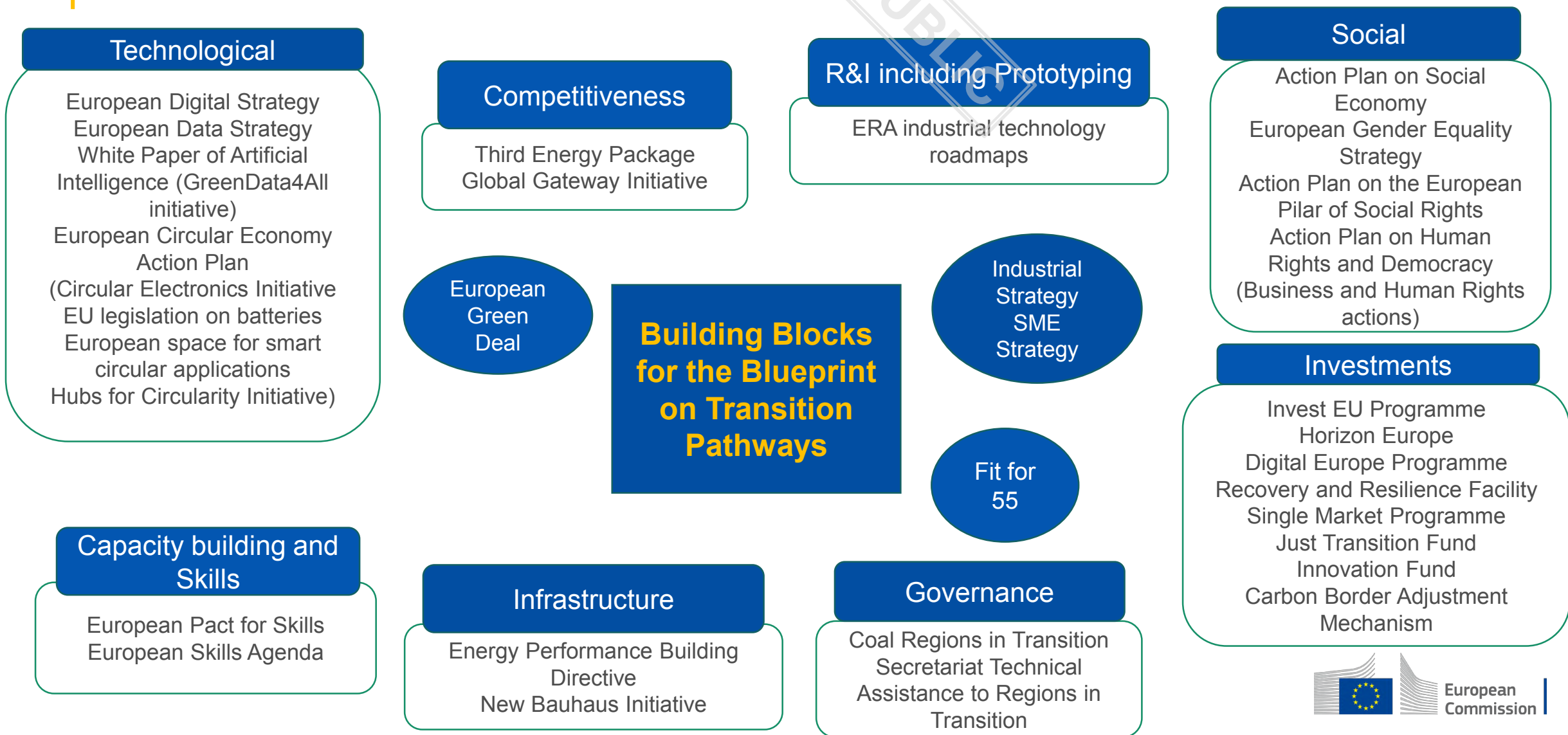


- comparability across transition pathways
- used as concept to kick-start the development of further pathways
- building blocks identify main gaps and possible actions that will be monitored overtime

Building blocks for the Blueprint on Transition Pathways

	BUILDING BLOCKS							
	Technological	Investments	Competitiveness	R&I including Prototyping	Capacity Building & Skills	Infrastructure	Governance	Social
Green/Digital Transition	What are the technological gaps?	Are there any system barriers on access to funding?	What is the position of EU ecosystems vis-à-vis competitors and partners?	Which 'best practices' do already exist and what can we learn from them?	What are the type of skills and workforce ecosystem needs?	Do we have enough technological infrastructures to support the scaling up of the industrial ecosystems?	How governance can support twin transition?	What are the social implications of the green and digital transition?
	Is there enough capacity in Europe for technology transfer and diffusion?	What are the relevant EU instruments and initiatives and how does it link to national funding portfolios?	What are the critical dependencies inside and outside EU?	How can prototypes could be implemented on the transition pathways?	What stands in the way of the digital readiness of European businesses?	What is the missing infrastructure?	What public-private partnerships are active in the industrial ecosystems to achieve green and digital transition goals?	What are the expectations from public/users/consumers?
	What are the commercialisation barriers?	What are the most effective investments (emission reduction per euro invested)?	Which 'best practices' do already exist and what can we learn from them?	What are the capacities needed for the prototypes to work?			What is the alignment with the stated EU's digital transition priorities and goals? What are the components that need to be coordinated?	
	What is preventing business to scale up and implement at scale?	What are the national/regional/industry investments and investment needs?	How does the transition influence the competitive position?	What are the good examples that industry ecosystem stakeholders are doing?			Is there an analysis on how to develop transition pathways at regional level (and can it be used as a benchmark)?	
	What are the main bottlenecks for the adoption of Advanced Technologies?	How can ecosystem stakeholders access EU funding?					What are the components that need to be coordinated (e.g. regulation, public perceptions, overall monitoring/statistics system)?	
	How available are key digital technologies in Europe?							
	How ready are businesses including SMEs to adopt digital technologies?							
Resilience	Does your ecosystem have the technological inputs it needs to manage this transition?	How balanced is the mix of public and private investments?	How diverse are the individual EU industrial ecosystems?	In which areas does the ecosystem need to diversify in R&D activities?	How can we re- and upskill the workforce according to market needs?	Which type of infrastructure can support industry to become more resilient?	What measures are planned to eliminate or mitigate the identified risks?	What is needed to enhance the protection of human rights and social rights?
	What are the key disruptive events expected (including power shortages)?	Which are the barriers to access public and private funding?	Where are critical bottlenecks within the ecosystems?					What are the current actions for the protection and active involvement of local communities?
			How can we measure and identify collaboration between ecosystems and reinforce our resilience?					

Mapping of the most relevant EC initiatives



Next steps for the Blueprint

- Industrial Forum Task Force 2 meeting on gaps and actions for the building blocks of the Blueprint, 27 October 2012
- Industrial Forum Task Force 2 meeting on the concept of the Blueprint, mid-November 2021 (TBC)
- Presentation of the state of play of the Blueprint during the third Industrial Forum meeting, 2nd December 2021
- Publication of the Blueprint of Transition Pathways during the Industry Days, 8th of February 2022

Thank you

PUBLIC

Ulla.Engelmann@ec.europa.eu



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