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From:	General Secretariat of the Council
To:	Delegations
No. Cion doc.:	16086/23 ADD1
Subject:	Proposal for a REGULATION OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on a monitoring framework for resilient European forests - ***Revised*** *Presidency compromise for the annexes to the proposal*

Following the Ad Hoc Working Party on 1 April 2025, delegations will find in annex a **revised** Presidency compromise for the annexes to the above Commission proposal.

Changes with respect to the previous version have been marked with **bold** for additions and ~~strickethrough~~ for deletions.

ANNEX I

LIST OF FOREST DATA REFERRED TO ARTICLE 5(2) AND THEIR TECHNICAL SPECIFICATIONS

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ANNEX II

LIST OF FOREST DATA REFERRED TO ARTICLE 5(3) AND THEIR TECHNICAL SPECIFICATIONS

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(a) Forest area

Description: area of forests

Unit: ha.

Spatial resolution: national and NUTS2 value.

Frequency of ~~data~~ information sharing: annual.

(aa) Forest type

Description: area of forests by a dominant leaf type (broadleaf, or coniferous, or mixed)~~, excluding areas under agricultural and urban land use~~. Mixed forest means that nor coniferous, nor broadleaf exceeds 75 % of tree cover.

Spatial resolution: national and NUTS 2

Unit: ha

Frequency of ~~data~~ information sharing: annual

(ab) Other wooded land

Description: area of other wooded land, (To be provided only if the total other wooded land area represents more than 5% of the total area composed by forests and other wooded lands.)

Spatial resolution: national and NUTS 2

Unit: ha

Frequency of ~~data~~ information sharing: annual

(ac) Aboveground biomass

Description: dry biomass which is the sum of the following components of standing and living trees:

(i) aboveground part of stump (including bark);

(ii) stem from stump to stem top of the tree including bark (threshold for diameter at breast height and stem top diameter of ~~0~~ **7** cm);

(iii) dead branches;

(iv) living branches;

(v) foliage.

Spatial resolution: national and NUTS 2

Unit: t/ha

Accuracy: confidence interval of data to be provided

Frequency of ~~data~~ information sharing: annual

[(ad) Defoliation

Description: the loss of foliage by a dominant leaf type (broadleaf or coniferous) on a tree compared to a fully foliated as the loss of foliage on a tree compared to a fully foliated reference tree. Defoliation is devide into following classes:

- 0% – No defoliation (0% foliage loss)
- 1–10% – Slight defoliation (insignificant foliage loss)
- 11–25% – Low defoliation
- 26–60% – Medium defoliation
- 61–99% – Severe defoliation
- 100% – Dead tree (complete foliage loss)

Spatial resolution: national

Frequency of ~~data~~ information sharing: annual]

(b) Growing stock volume (per hectare)

Description: The aggregated above-ground volume of all living and standing stems over a forest area, shared per dominant tree species. Included are over-bark stem volumes—from the stump height to and including the stem top—of living stems with a diameter at breast height of more than ~~0~~ **7** cm (height of more than 1.30 m).

Unit: m^3 ha^{-1} .

Spatial resolution: national and NUTS 2.

Accuracy: confidence interval of data to be provided.

Frequency of ~~data~~ information collection and sharing: annual.

(c) Net Annual Increment (per hectare)

Description: gross annual increment minus the average annual natural losses, i.e. trees that die during the period between two ground monitoring site surveys and remain unharvested in the forest, shared per dominant tree species.

Gross annual increment is defined as the average annual increment of living trees over the forest area during the period between two ground monitoring site surveys. It is expressed in terms of volume increment and includes the growth components of trees with a diameter at breast height ≥

~~7.5 /~~[7] cm. Volume increment includes the over-bark increment of the stem from stump height to the top diameter of 7 cm, and for broadleaves additionally includes large branches with a minimum diameter of 7 cm.

Net annual increment corresponds to gross annual increment by referring to the same specified forest area, to the same period between two ground monitoring site surveys, using the same thresholds and including the same tree parts.

Unit: m^3 ha^{-1} $year^{-1}$

Spatial resolution: national and NUTS 2 level.

Accuracy: confidence interval of data to be provided.

Frequency of ~~data~~ information sharing: 5 years.

~~**(d) Forest structure**~~

~~**Description:** area of even and uneven forest *(to be defined)*~~

~~**Unit**: ha.~~

~~**Spatial resolution**: national and NUTS 2~~

~~**Frequency of data collection and sharing**: 5 years.~~

(e) Tree species composition and richness

Description: ~~area~~ **share** of forest~~s~~ **area occupied by dominant** ~~per~~ tree species (or lower taxonomic ranks, where relevant).

Spatial resolution: national and NUTS 2

Unit: share of area

Frequency of ~~data~~ information collection and sharing: 5 years.

(f) European Forest Type

[…]

(g) Removals

[…]

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(h) Deadwood

Description: volume of standing and lying dead trees and dead lying woody debris, larger than or equal to 10cm in diameter, in a forest area. The volume of dead standing and lying wood includes stumps ~~and roots~~.

Unit: m^3 ha^{-1}

Spatial resolution: national and NUTS2.

Frequency of ~~data~~ information sharing: **annual**.

(i) Location of forest habitats in Natura 2000 sites

[…]

(j) Abundance of common forest birds

[…]

(k) Area of primary and old-growth forests

Description: area of primary and old-growth forests, **in accordance with national definition** ~~as defined in SWD(2023)62: *Guidelines for Defining, Mapping, Monitoring and Strictly Protecting EU Primary and Old-Growth Forests*~~

Spatial resolution: national and NUTS 2

Unit: ha

Timeline: ~~Location mapped and~~ **Area** shared by 1 January 2028.

(l) Protected forest areas

Description: area of forests within protected areas, consistent with reporting on Nationally designated areas to the European Environment Agency, supplemented by information on their levels of protection, including strict protection, and the associated management regimes as specified in national legislation or other relevant documents.

Spatial resolution: national and NUTS 2.

Unit: ha

~~**Timeline:** Shared by [*OP: please insert the date = 30 months after the entry into force of this Regulation*] and updated annually~~.

Frequency of information sharing: annual.

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(m) Production and trade of wood products

[…]

(n) Forest biomass for bioenergy

[…]

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ANNEX III

DESCRIPTIONS FOR FOREST DATA REFERRED TO IN ARTICLE 8

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ANNEX IIIa (new)

DESCRIPTIONS FOR THE FOREST ~~DATA~~ **INFORMATION** REFERRED TO IN ARTICLE 7(3A)

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(a) Area of forest habitats in Natura 2000 sites

Description: area of forest habitats as listed in point 9 of Annex I to Directive 92/43/EEC within sites of Community importance and special areas of conservation designated in accordance with Article 4 of that Directive.

(b) Common forest birds index

Description: ~~data~~ **information** compliant with the description provided in Regulation (EU) 2024/1991, Annex VI.

(c) Forest biomass for bioenergy

Description: ~~data~~ **information** on the use of forest biomass for enery production consistent with reporting in accordance with Regulation (EU) 2018/1999 Annex IX, Part I, point (m)(1).

(d) Forest connectivity

Description: ~~data~~ **information** compliant with the description provided in Regulation (EU) 2024/1991 Annex VI.

(e) Removals

Description: ~~data~~ **information** compliant with the description provided in Regulation (EU) 691/2022, Annex VII, Section 3.

(f) Forest available for wood supply and forest not available for wood supply

Description: ~~data~~ **information** compliant with the description provided in Regulation (EU) 691/2011, Annex VII, Section 3, paragraph 1.

(g) Production and trade of wood products

Description: ~~data~~ **information** on production and trade of wood products as specified in the Joint Forest Sector Questionnaire and the relevant use manuals

(h) Forest fires

Description: ~~data compliant with the description provided in Regulation (EU) 1737/2006, Chapter III~~.

(1) Information provided on the basis of the European Forest Fire Information System (EFFIS) products:

i. Fire events; and

ii. Burnt forest area.

(2) Information compliant with the data provided by the Member States in the framework of the Expert Group on Forest Fires.

(i) Share of forests with uneven-aged structure

Description: information compliant with the description provided in Regulation (EU) 2024/1991, Annex VI.

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ANNEX IIIb (new)

LIST OF FOREST INFORMATION REFERRED TO IN ARTICLE 8(1) AND THEIR TECHNICAL SPECIFICATIONS

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(a) Defoliation

Description: significant negative deviation of the Leaf Area Index (LAI) in forest, expressed as % decrease of LAI compared to its historical baseline, established based on Copernicus data. LAI characterizes the amount of leaves of plant canopies, defined as the one-sided green leaf area per unit ground surface area in broadleaf canopies and as half the total needle surface area per unit ground area in coniferous canopies.

Spatial resolution: 300m or finer.

Frequency: at least every two weeks.

(b) Wildfire risk assessment

i. Dead fuel moisture content

Description: fuel moisture is a measure of the amount of water in a fuel (vegetation) available to a fire and is expressed as a percent of the dry weight of that specific fuel. For the purposes of fire danger computation, fuel moisture is computed based on meteorological variables. Proxys of fuel moisture content for fine fuels, intermediate-fuel size and thick fuels are provided by the fuel moisture contents of the Fire Weather Index as defined in Van Wagner, C.E., Pickett, T.L., 1985. *Equations and FORTRAN program for the Canadian Forest Fire Weather Index System*. *Forestry Technical Report*. Canadian Forestry Service, Ottawa, Canada.

Spatial resolution: 8 km or finer.

Frequency: yearly data from accumulated daily values.

ii. Live fuel moisture content

Description: Fuel moisture is a measure of the amount of water in a fuel (vegetation) available to a fire and is expressed as a percent of the dry weight of that specific fuel. For live vegetation, the live fuel moisture content can be obtained from the inversion of radiative transfer models of vegetation types.

Spatial resolution: 500 m or finer.

Frequency: at least monthly.

iii. Fuel type map

Description: map of distribution of different fuel types. A fuel type is an identifiable association of fuel elements of distinctive species, form, size, arrangement, or other characteristics that will cause a predictable rate of spread or resistance to control under specified weather conditions, using standard fire behaviour fuel models.
Spatial resolution: 100 m or finer.
Frequency: at least every 2 years.

(c) Tree cover disturbances

Description: maps of areas where tree cover was significantly changed, either temporarily or as a gradual degradation, including the following parameters detailing the characteristic of identified disturbances:
(i) timing – day-of-year marking the starting point of the identified disturbance;
(ii) magnitude – description of the magnitude of the disturbance anomaly in comparison to the baseline expressed by the photosynthetic activity;
(iii) recovery – description of the duration and magnitude of the post-disturbance return to baseline.
Spatial resolution: 10m or finer.
Frequency: at least annual.

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ANNEX IV

RECOMMENDED ASPECTS FOR VOLUNTARY INTEGRATED LONG-TERM PLANS REFERRED TO IN ARTICLE 13

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