

# Forest accounts: update from Eurostat

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### Background

- Forests historically important in most European countries
- Existing data collections:
  - National: national forest inventories not harmonized in definitions, scope, frequency
  - By <u>international</u> agencies:
    - FAO and Forest Europe **5-yearly**; most countries report; rather comprehensive in scope;
    - Joint Forest Sector Questionnaire annual; most countries report; limited to industry-related aspects;
    - UNFCCC annual; all countries report; **limited to climate**-related aspects;
  - At <u>EU level</u>: forest accounts since 1990s; current version is European Forest Accounts (EFA) – annual; circa half of EU countries report since 2014; rather comprehensive in scope
- Now Eurostat seeks to make European forest accounts mandatory in the European Union under the same regulation as the other SEEA

### Specifications forest accounts

- Forest accounts in sense of SEEA Central Framework
- Record the stocks and flows of forest resources (wooded land and timber)
   and economic activity in the forestry and logging industry
- 4 mandatory tables:

Forest resources	Area of wooded land in physical units; stocks and flows
	Volume of timber resources in physical units;
	stocks and flows
	Volume of timber resources in monetary units;
	stocks and flows
<b>Economic activity of forestry</b>	Economic aggregates of forestry and logging industry
and logging	

Also 5 voluntary tables and some voluntary variables in mandatory tables



## Specifications of forest accounts

Definition of wooded land based on FAO

Breakdowns in asset accounts by:

- forest available for wood supply;
- forest not available for wood supply;
- other wooded land.
- voluntary other land with tree cover available for wood supply
- Annual reporting, deadline by September (t+21 months)



### Specifications: area of wooded land

Area of wooded land, distinguishing:

- opening area at the beginning of the reference year;
- afforestation and other increases;
- deforestation and other decreases;
- statistical reclassification;
- closing area at the end of the reference year.



### Specifications: volume of timber

Breakdowns for **forest available** for wood supply:

- opening stock at the beginning of the reference year;
- net increment;
- removals;
- irretrievable losses;
- statistical reclassification;
- balancing item;
- closing stock at the end of the reference year.

Breakdowns for **forest not available** for wood supply and **other wooded land**:

- opening stock at the beginning of the reference year;
- removals;
- other changes (between opening and closing stocks);
- closing stock at the end of the reference year.
   closing area at the end of the reference year.



### Specifications: value of timber

Breakdowns for **forest available** for wood supply:

- opening stock at the beginning of the reference year;
- net increment;
- removals (defined as in JFSQ);
- irretrievable losses;
- revaluation;
- statistical reclassification;
- balancing item;
- closing stock at the end of the reference year.

Breakdowns for **forest not available** for wood supply and other wooded land:

- opening stock at the beginning of the reference year;
- removals (defined as in JFSQ);
- other changes (between opening and closing stocks);
- closing stock at the end of the reference year.



### Specifications: economic variables

#### Economic variables of the forestry and logging industry:

- output;
  - of which: output for own final use
- intermediate consumption;
- gross value added;
- consumption of fixed capital;
- other taxes on production;
- other subsidies on production;
- · compensation of employees;
- gross fixed capital formation and acquisitions less disposals of non-financial non-produced assets;
- changes in inventories;
- capital transfers.



# New Eurostat handbook forest accounts Outline

- 1. Introduction
- 2. Overview of Forest accounts
- 3. Asset Accounts for wooded land
- 4. Asset Accounts for timber stocks
- 5. Economic Accounts for the forestry and logging industry
- 6. Supply and Use Tables for Wood in the rough
- 7. Connections to related forest accounting and measurement
- 8. Annexes

Handbook will be drafted by June 2024

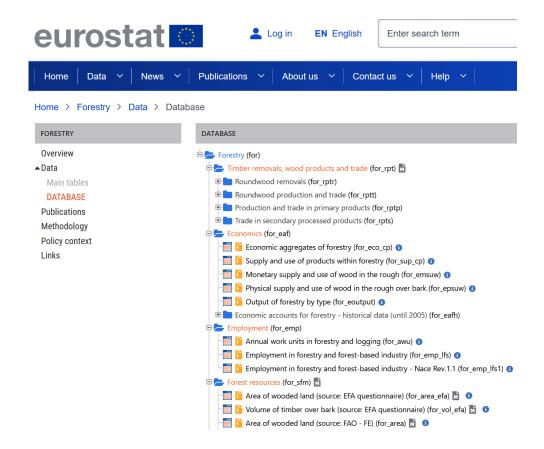


#### To know more

- Eurostat online database:
   https://ec.europa.eu/eurostat/web/forestry/data/database
- Online articles:

https://ec.europa.eu/eurostat/statisticsexplained/index.php?title=Forests, forestry and logging

https://ec.europa.eu/eurostat/statisticsexplained/index.php?title=Wood\_products production and trade





## Thank you

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