



Biomass reporting questionnaire

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Eurostat E.5

Objective

The objective of the questionnaire is to collect the biomass additional reporting obligations stemming from **Annex IX Part 1 (m) of 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.

Scope

'Biomass' means the biodegradable fraction of products, waste and residues from biological origin from agriculture, including vegetal and animal substances, from forestry and related industries, including fisheries and aquaculture, as well as the biodegradable fraction of waste, including industrial and municipal waste of biological origin.

Only **solid** biomass flows **used for meaningful energy purposes, i.e. production of electricity and/or heat**, should be reported in the questionnaire.

Timeline

- **Pilot data collection**
Indicative deadline: 31st October 2021
Reference year: all available data from any year
- **Voluntary data collection**
Deadline: 15th March 2022
Reference year: 2020
- **First mandatory data collection**
Deadline: 15th March 2023
Reference year: 2021
Publishing: No deadline yes, but probably in May – on the Eurostat website
- Every second (odd) year is mandatory, but voluntary data collection in even years as well

The questionnaire

Mandatory reporting Voluntary reporting, only if data are available Not applicable combinations Calculated cells	Country									
	Year	Indigenous production in 1000 m3*	Imports in 1000 m3*	Exports in 1000 m3*	Stock changes in 1000 m3*	Average net calorific value (TJ/1000 m3)**	Indigenous production (TJ)	Imports (TJ)	Exports (TJ)	Stock changes (TJ)
(1) Forest biomass used for energy production										
(a) Primary biomass from forest										
(i) Branches and tree tops										
(ii) Stumps										
(iii) Roundwood										
(I) Industrial roundwood										
(II) Fuelwood										
(b) Forest-based industry co-products										
(i) Bark										
(ii) Chips, sawdust and other wood particles										
(iii) Black liquor and crude tall oil (tonnes)										
(c) Post-consumer wood										
(d) Processed wood-based fuel, produced from feedstocks not accounted under point (1)(a), (b) or (c):										
(i) Wood charcoal										
(ii) Wood pellets and wood briquettes										
(2) Agricultural biomass										
(a) Energy crops for electricity or heat (including short rotation coppice)										
(i) Of which: From food and feed feedstocks										
(b) Agricultural crop residues for electricity or heat										
(3) Organic waste biomass										
(a) Organic fraction of industrial waste										
(b) Organic fraction of municipal waste										
(c) Waste sludges										

*except 1b(iii) in tonne

**except 1b(iii) in TJ/tonne

The reporting instructions

eurostat 



BIOMASS REPORTING

**under Annex IX, Part 1 (m) to 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**

1 October 2021

Issues

- Missing mandatory items
 - a) Provide zeros
 - b) Flags
- Using wrong unit (m³, tonnes, TJ)
- Inconsistencies (rounding issues, total (black liquor/tall crude oil), JFSQ, agriculture and waste statistics)
- Considerable differences in aNCV (between countries, liquor)

Solutions

- Two additional reporting sheets (tonnes to m³, TJ to m³)
- Black liquor and tall crude oil
 - a) Density indicator + auto-sum for 1(b)
 - b) Use additional sheets and conversion factor

First mandatory round

- 30 countries sent data and revisions
- Only 11 countries with full mandatory datasets
- Countries still collecting data, running surveys, etc.
 - Some updates still this year

Thank you for your attention!



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