



Press Release

Solid biomass primary energy consumption grew by 3.0% in 2016 in the EU-28

EurObserv'ER releases Solid Biomass barometer

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<https://www.eurobserv-er.org/category/all-solid-biomass-barometers>

Paris, December 2017

Key data for the EU Solid Biomass sector in 2016

- **98.5 Mtoe** Primary energy consumption from Solid Biomass in the EU in 2016 (95.6 Mtoe in 2015)
- **79.1 Mtoe** Heat consumption from Solid biomass in the EU in 2016 (76.1 Mtoe in 2015)
- **93.5 TWh** Electricity production from Solid Biomass in the EU in 2016 (90.7 TWh in 2015)
- **+3.1%** Growth of primary energy consumption from solid biomass between 2015 and 2016

Solid Biomass in the EU approaching the 100 MTOE threshold

The 28 European Union member countries' **gross consumption of biomass primary energy**, measured at 98.5 Mtoe in 2016 is now at the 100 Mtoe threshold, and equates to a 3.0% (+2.9 Mtoe) rise over 2015. Over the past two years, consumption has increased by 7.3 Mtoe which is a strong sign that consumption has clearly picked up. Solid biomass now carries a lot of weight compared to the other renewable sectors, as it accounts for just under 50% of total renewable energy consumption (211 Mtoe in 2015 – the official figure for 2016 was unavailable at the beginning of December 2017).

Solid biomass electricity output across the European Union increased by 3.0% over the twelve months, and rose to 93.5 TWh in 2016 (a 2.8 TWh increase). France (with increases of 42.8%, 920 GWh), Sweden (with increases of 8.6%, 773 GWh) and Denmark (increases of 24.2%, 679 GWh) were Europe's best performers.

Since the **NREAP** plans were published in 2010, many countries have revised their estimates of biomass heat consumption upwards and retroactively, primarily on the strength of more detailed surveys of household wood energy consumption. **Solid biomass heat consumption is ahead of the trajectory** set out for it in the European Union National Renewable Energy Action Plans (NREAP), with 82.6 Mtoe, including 3.5 Mtoe supplied by the organic part of municipal waste incineration.



The next Barometer will cover the topic:

WIND POWER



Links

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About EurObserv'ER

EurObserv'ER regularly publishes market reports (Barometers) containing energy data reflecting the current dynamics in renewable sources of energy in 10 sectors (solar, wind, hydropower, geothermal, biogas, solid biomass, biofuels, heat pumps, small hydro, renewable waste) within the European Union and worldwide.

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“This barometer was prepared by Observ'ER in the scope of the “EurObserv'ER” project with the collaboration of the Renewables Academy (RENAC), the Energy research centre of the Netherlands (ECN), Frankfurt School of Finance and Management (FS), and Fraunhofer-ISI. Sole responsibility for the publication's content lies with its authors. It does not represent the opinion of the European Commission, DG ENER, Ademe, nor that of Caisse des dépôts, which may all not be held responsible for any use that may be made of the information published. This action benefits from the financial support of DG ENER, Ademe, Caisse des dépôts.”