



SOLID BIOFUELS BAROMETER 2024



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

European Union solid biofuel consumption declined in 2023 for the second year running, having peaked in 2021. EurObserv'ER quantified EU primary energy consumption at 95.3 Mtoe in 2023 compared to 100.1 Mtoe in 2022 and 104.5 Mtoe in 2021. The 2023 downturn has to be viewed against the backdrop of high energy prices and appeals for restraint following the energy crisis weathered by the European

Union since February 2022. It is partly due to solid biomass electricity production's lower competitiveness and falling heating needs caused by two particularly mild winters across Europe. Solid biomass electricity output fell by 11.4% between 2022 and 2023 while heat consumption, be it sold via a heating network or directly consumed by the end user, dropped by 3.5%.

-4.8%

The decrease of inland consumption from solid biofuels in the EU27 between 2022 and 2023

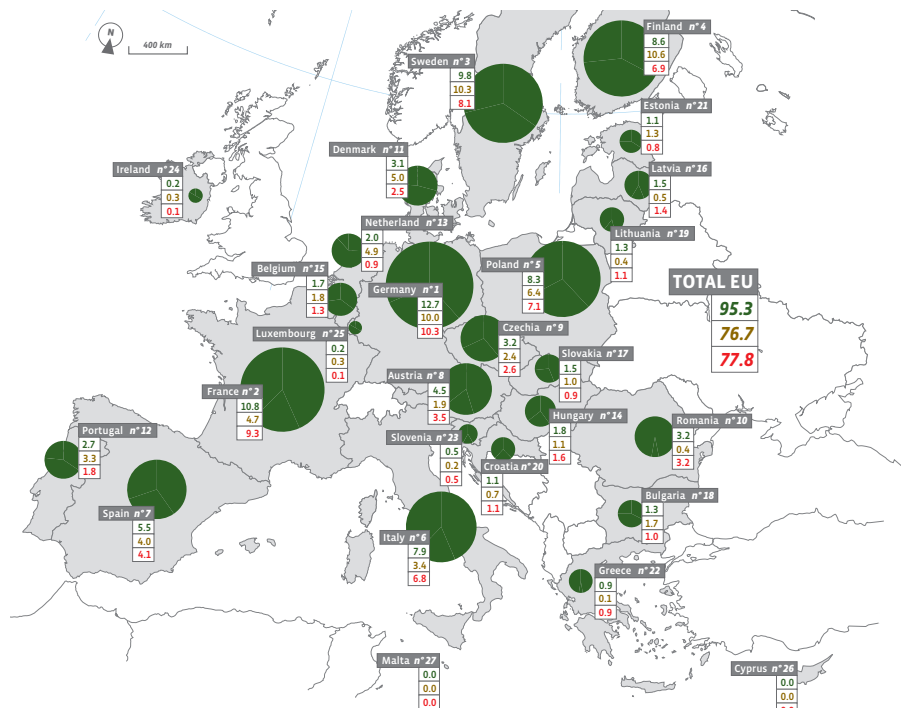
77.8 Mtoe

The heat consumption from solid biofuels in the EU27 in 2023



BUNKER HOLDING GROUP

Gross inland consumption, gross electricity production and heat consumption* from solid biofuels** in 2023* in the European Union ***



95.3 Inland consumption of solid biofuels in the European Union in 2023** (in Mtoe)

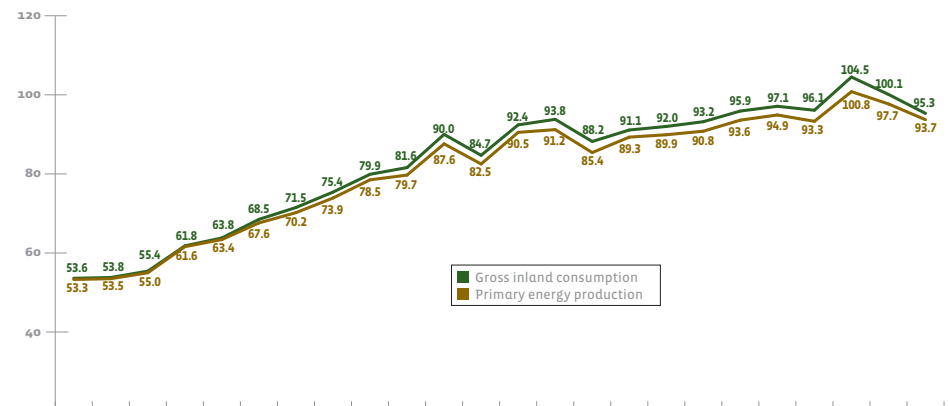
76.7 Gross electricity production from solid biofuels in the European Union in 2023** (in TWh).

81.4 Heat consumption*** from solid biofuels in the European Union in 2023** (in Mtoe).

Gross heat production in the transformation sector and Final Energy Consumption in Industry and Other sectors, excluding Transport. ** Excluding charcoal. *** Estimation.

Source : EurObserv'ER 2024.

Solid biofuels primary energy production and inland consumption* growth figures for the EU27 since 2000 (in Mtoe)



*Excluding charcoal. **Estimate. Sources: years 2000-2021 Eurostat, years 2022 and 2023 EurObserv'ER. Note: Eurostat data presented for the years 2000 to 2021 are those updated on 24th May 2024 and do not take into account possible statistical revisions at the end of the year 2024

FURTHER INFORMATION

ANNUAL REPORT: "The State of renewable energies in Europe", 22nd edition, www.eurobserv-er.org/22nd-annual-overview-barometer/

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The next barometer will be dedicated to wind power.

DISCLAIMER

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