

SOLID BIOFUELS BAROMETER 2021



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The abnormally mild winter and warm weather experienced across Europe curbed the demand for solid biofuels, which are susceptible to temperature changes and weather conditions. At 94.4 Mtoe, solid biofuels primary energy consumption in the EU of 27 improved marginally – by 0.3% – on its 2019 level in 2020. Primary energy production from solid biofuels contracted slightly. It is put at 92 Mtoe in 2020,

which is a 0.3% drop. While primary energy consumption remained almost stable across the EU, individual Member States' variations are more mixed. The strongest increase can be credited to the Netherlands, whose consumption rose from 1.6 Mtoe in 2019 to 2.3 Mtoe in 2020. Over the same period, consumption fell in France, Finland, and Germany.

+0.3%

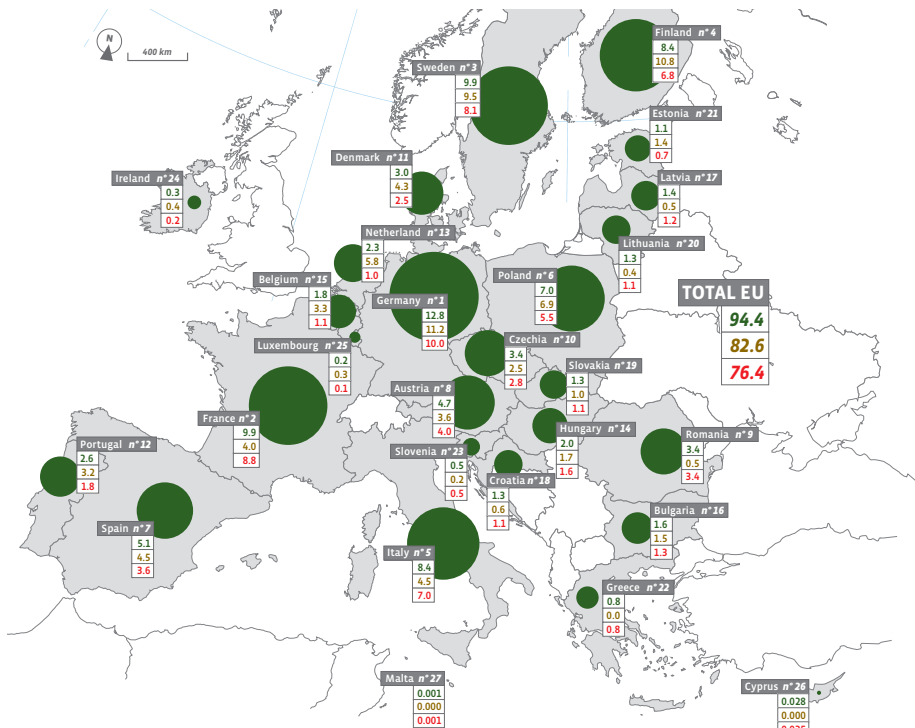
The growth of inland consumption from solid biofuels in the EU of 27 between 2019 and 2020

76.4 Mtoe

The heat consumption from solid biofuels in the EU27 in 2020



Gross inland consumption, gross electricity production and heat consumption



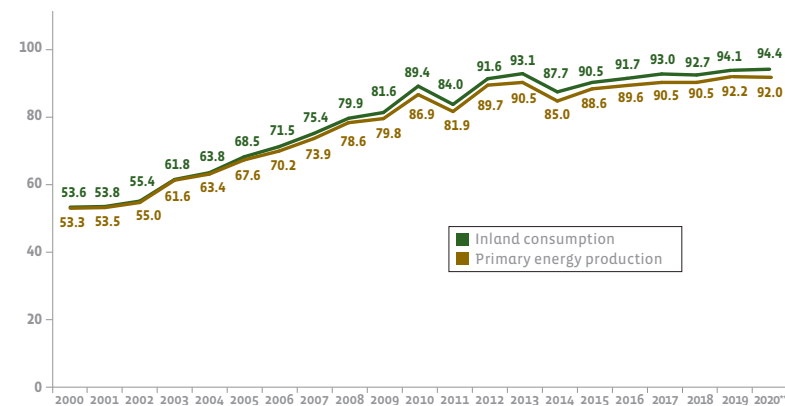
94.4 Inland consumption of solid biofuels in the European Union in 2020* (in Mtoe).

76.4 Heat consumption from solid biofuels in the European Union in 2020* (in Mtoe).

82.6 Gross electricity production from solid biofuels in the European Union in 2020* (in TWh).

*Excluding charcoal ** Estimate Source : EurObserv'ER 2021.

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



*Excluding charcoal.
**Estimate.

Sources: years 2000-2018 Eurostat, years 2019 and 2020 EurObserv'ER. Note: Some countries such as Spain and Denmark have carried out statistical revisions over several years in 2021. These revisions have not yet been taken into account in the Eurostat data (2000-2018) presented in this graph which were updated on 12 November 2021.

FURTHER INFORMATION

ANNUAL REPORT: "The State of renewable energies in Europe", 19th edition, www.eurobserv-er.org/19th-annual-overview-barometer

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The next barometer will be dedicated to wind power.

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