

SOLID BIOFUELS BAROMETER 2023

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ENGLISH: <https://www.eurobserv-er.org/pdf/solid-biofuels-barometer-2023/>

According to EurOb'server, EU 27's solid biofuel energy consumption, in all its forms, should settle at about 100.3 Mtoe. This is the second highest annual consumption figure ever recorded in the EU, following 2021 when a new record was made. The slide from the 2021 peak can be mostly attributed to the year's milder average temperatures, which reduced heating needs across the European Union. Furthermore, wood pellet supply circuit pressures hit industrial users, exacerbated by the backdrop of tighter biomass

sustainability criteria monitoring, international tensions with Russia and record energymarket prices. The heat production sector across the EU-27 contracted in 2022 after sharply in 2021, mainly because of lower heating needs. According to EurOb'server, solid biofuel heat used directly by end users fell by 3.2% between 2021 and 2022. Solid biofuel electricity output in the EU 27 was measured at 87.6 TWh in 2022. This output is below the 2021 record production level of 92.7 TWh, meaning that solid biofuel electricity output fell by 5.4% between 2021 and 2022.

87.6 TWh

The electricity production from solid biofuels in the EU27 in 2022

81.4 Mtoe

The heat consumption from solid biofuels in the EU27 in 2022



Gross inland consumption, gross electricity production and heat consumption* from solid biofuels** in the European Union in 2022***

