



Press Release

Biogas in the EU-28: 16.6 Mtoe biogas produced in 2019

EurObserv'ER releases **BIOGAS BAROMETER 2020**

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Paris, December 2020

Key data for European Union (EU) biogas primary energy production in 2019

- 16.6 Mtoe Biogas primary energy produced in the EU-28 in 2019 (16.5 Mtoe in 2018)
- 62.5 TWh Biogas electricity produced in the EU-28 in 2019 (62.7 TWh in 2018)
- 893.4 ktoe Gross heat production from biogas in the EU in 2019 (859.0 ktoe in 2018)
- 269.6 ktoe Biomethane use for transport in the EU-28 in 2019 (186.8 ktoe in 2018)

Main findings of the 2020 EurObserv'ER Biogas Energy Barometer

Primary energy production from biogas in the EU28 countries has increased only slightly. According to EurObserv'ER, output reached 16.6 Mtoe in 2019, which is marginally higher than in 2018, but around the same level as in 2017. The rollout of regulations less supportive of using food-type energy crops for producing biogas has fuelled this general trend and has been compounded by the limitation on the capacity allocated to biogas tenders and less attractive biogas electricity payment terms. Concerning the outputs, electricity generation from biogas hardly changed (from 62.7 TWh in 2018 to 62.5 TWh in 2019) while biogas heat grew by 4% to 893.4 ktoe. The most important growth has been observed in the use of biomethane in transport sector having increased from 186.8 ktoe in 2018 to 269.6 ktoe in 2019.

Developments in specific countries and industry trends

Some member countries have posted positive output growth, thanks to their determination to both encourage biomethane injection and recover energy from fermentable waste. A strong case in point is France whose output enjoyed a 11% double-digit growth in 2019 and is not far off one million toe (976.6 ktoe in 2019). Biogas production in Denmark, another



key player, also grew strongly for the second year running reaching 396.6 ktoe in 2019 (+24.3%). European methanation plant manufacturers started operating their own plants to diversify economically and also turned toward Asia to diversify geographically.

The next **EurObserv'ER** barometer to be published in December 2020 will cover **Solid Biomass LINKS and FREE DOWNLOADS**

- **ANNUAL REPORT:** "The State of renewable energies in Europe", 19th edition, <https://www.eurobserv-er.org/19th-annual-overview-barometer>
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About EurObserv'ER

Since 1999, EurObserv'ER regularly publishes market reports (Barometers) containing energy data reflecting dynamics in renewable sources of energy in 10 sectors (solar PV, wind, hydropower, geothermal energy, biogas, solid biomass, biofuels, heat pumps, small hydro, renewable waste) within the EU-28 and worldwide.

Note for editors

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Disclaimer

This barometer was prepared by Observ'ER in the scope of the EurObserv'ER project, which groups together Observ'ER (FR), TNO Energy Transition (NL), the Renewables Academy (RENAC) AG (DE), Frankfurt School of Finance and Management (DE), Fraunhofer-ISI (DE) and Statistics Netherlands (CBS, NL). The information and views set out in this publication are those of the author(s) and do not necessarily reflect the official opinion of the Commission. The Commission does not guarantee the accuracy of the data included in this study. Neither the Commission nor any person acting on the Commission's behalf may be held responsible for the use, which may be made of the information contained therein.