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Renewable energy for heating and cooling steadily rising

Renewable energy accounted for 21% of total energy used for heating and cooling in 2018 in the EU

The latest Eurostat figures show that the share of renewables in the total energy used for heating and cooling in the EU slightly increased from 20,98% in 2017 to 21,14% in 2018. This continues the long-standing trend since the beginning of the data collection in 2004 when the share was 12%. Renewable energy includes derived heat and heat energy captured by heat pumps, which contributed 27% of all renewables used for heating and cooling in 2018, up from 26% in 2017.

Increases in industry, services and households all contributed to the overall growth of the share of renewables for heating and cooling.

The countries with the highest share of renewables for heating and cooling were Sweden (65%), Latvia (56%) and Finland (55%). The lowest shares were in Belgium (8%), Ireland (6%) and the Netherlands (6%).

Gross final energy consumption

The share of energy from renewable sources in gross final energy consumption reached 18% in the EU in 2018, up from 17,5% in 2017 and more than double the share in 2004 (8,5%) when the data collection began. The EU has a binding target to reach 20% of renewables by 2020 and 32% by 2030.

Recommended Actions

Members may find it useful to consult the Eurostat data.

Related documents and links

All related documents and articles can be found in the respective sections in the right sidebar.

- GEN – 1088.01 – Eurostat SHARES summary results 2018
- Eurostat database: <https://ec.europa.eu/eurostat/web/energy/data/shares>