

Title: European wind turbines

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What is the latest data for wind energy in Europe?

Here is the latest data for wind energy in Europe and our latest forecast for the rest of this decade. Europe installed 6.8 GW of new wind power capacity in the first half of 2025. 5.3 GW of this was in the EU-27. 89% of the new capacity was onshore.

Can Europe's wind turbine manufacturing industry continue to thrive?

This policy brief aims to guide European policymakers and industry figures in this process. First, the paper underscores the potential of Europe's wind turbine manufacturing industry to continue to thrive, but also some of the problems it faces--including supply chain dependencies on China.

How many wind turbines did Europe buy in H1 2025?

Europe ordered 11.3 GW of new wind turbines in H1 2025. This was 19% up on H1 2024. The 11.3 GW breaks down 8.8 GW onshore and 2.5 GW offshore. Europe took EUR34bn of Final Investment Decisions (FIDs) in new wind farms in H1 2025.

How many wind turbines have been built in Europe in 2024?

Besides the EU's record installations in 2024, over 30 new wind turbine manufacturing facilities had been announced across the continent by the end of the year. EU financial instruments, including the European Investment Bank (EIB) and the Innovation Fund are now supporting wind manufacturing projects in Europe.

As President Trump tries to strangle wind projects in the US, nine European countries have signed a deal to build a vast offshore wind farm in the North Sea, the epicenter of the continent's oil ...

WindEurope advocates wind energy policies for Europe on behalf of more than 450 member companies, and organises leading wind industry events.

Almost 10 years later the world's first offshore wind farm was erected off the coast of Denmark. The industry has come a long way since then. The total wind power capacity in Europe ...

Thanks to their zero marginal cost and priority for injection, intermittent renewable energies (EnRi) enjoy the greatest possible freedom to produce according to the whims of the ...

European wind turbines

Incoming Chinese competition is an ominous sign for one of Europe's last clean technology hopes--wind turbine manufacturing. China has already eradicated Europe's solar industry. It also ...

Stringent height restrictions in the French market limit the power ratings of installed turbines, leading to one of the lowest averages of newly installed turbine power ratings in Europe and ...

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To explore offshore sites further out to sea with stronger and more consistent winds, several European developers are working on floating offshore wind turbines. Multiple pilot projects ...

European wind turbine suppliers are being backed into a corner after quitting global markets and are now facing the prospect of an existential fight for survival, says an executive at a ...

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