

## Revealed: The Countries with the Biggest Increase in Wind Turbine Energy Production

- **Poland has increased the percentage of electricity produced by wind turbines the most**, with an increase of nearly 250,000%!
- **Belgium, France, and Norway** all rank within the **top 10** for the biggest increases.
- **Denmark** is the country with the **largest overall generation** of electricity using wind turbines, even though they had the smallest increase.

In 2001, the European Union introduced the EC Directive 2001/77/EC, which promoted the production of electricity through renewable energy means. One such production method promoted by the EU was **wind turbines**.

Recently, the EU released the figures from their most recent data collection for how much electricity is produced by countries within their member states. This inspired energy experts at [SaveOnEnergy.com/uk](https://www.saveonenergy.com/uk) to investigate which countries have increased electricity production by renewable means by the greatest amount.

By comparing the percentage of electricity generated in each country by wind turbines in the year 2000, to the [latest data](#) released April 2021, SaveOnEnergy.com/uk can reveal which countries have increased the amount of electricity generated by wind turbines the most!

**For more information, including the increase in production from countries who started producing electricity from wind turbines after the year 2000, please see the SaveOnEnergy blog post: <https://www.saveonenergy.com/uk/eu-energy-production-from-wind-power/>**

### The Countries With The Biggest Increase In Wind Turbine Generated Electricity

In first place is **Poland**. In 2000, only 0.003% of all electricity produced in Poland was by wind turbines. The latest data set shows that the percentage in Poland has risen to 7.5%, meaning electricity produced by wind turbines in Poland has increased by **249,900%** since 2000!

Second is **Czechia**, with an increase of generated electricity via wind turbines of **69,900%**. Only 0.001% of all electricity produced in the Czech Republic was by wind turbines in the year 2000, but the most recent data set shows the percentage has increased by 0.7%.

Placing third is **France**. France has increased electricity generated by wind turbines by **54,344.44%** since 2000, with wind turbine produced electricity rising from 0.009% to 4.9% of all electricity produced.

4. Belgium – +49,400%

5. Ukraine – +23,233.33%

6. Turkey – +21,566.67%

7. Norway – +12,900%

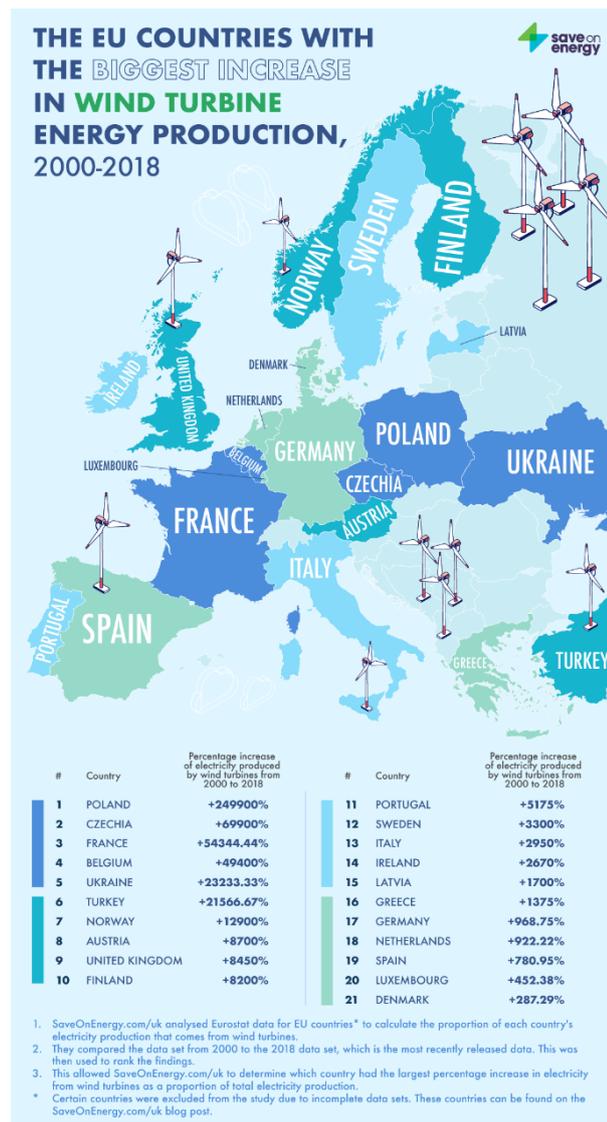
Rounding off the top 10, in eighth place, is **Austria!** In the year 2000, the percentage of electricity produced by wind turbines was 0.1%. By 2018, this number had risen to 8.8%! This has resulted in an increase of **8,700%**.

Ranking ninth is the **United Kingdom\***. Only 0.2% of all electricity generated in 2000 was through wind turbines, but by the latest data collection, it is now over 17%. The UK has shown an increase of wind turbine produced electricity of **8,450%**!

Finally, in 10<sup>th</sup> place, is **Finland**. The percentage of all electricity generated that was produced by wind turbines rose from 0.1% to 8.3%, leading to an overall percentage increase of **8,200%**!

### The Rest

- 11. Portugal – +5,175%
- 12. Sweden – +3,300%
- 13. Italy – +2,950%
- 14. Ireland – +2,670%
- 15. Latvia – +1,700%
- 16. Greece – +1,375%
- 17. Germany – +968.75%
- 18. Netherlands – +922.22%
- 19. Spain – +780.59%
- 20. Luxembourg – +452.38%
- 21. Denmark – +287.29%



### Methodology

1. SaveOnEnergy.com/uk analysed [Eurostat data](#) for EU\* countries to calculate the proportion of each country's electricity production that comes from wind turbines.
2. Then, they compared the data set from 2000 to the data set for 2018, looking at the proportions of electricity production from wind turbines. These two data sets were chosen for comparison as in 2001 the EU put into place the [EC Directive 2001/77/EC](#), which was the promotion of electricity produced by renewable energy sources.
3. The most recent data available, released in April 2021, is the 2018 data set. This was used to rank the findings.
4. This allowed SaveOnEnergy.com/uk to determine which country had the largest percentage increase in electricity from wind turbines as a proportion of total electricity production over the 18-year period. The unit for this data is gigawatts per hour.
5. Data was collected by the European Union before the United Kingdom left the EU. Therefore, they were still included in this study.

\*The following countries were excluded from the main study due to incomplete data sets: Albania, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Estonia, Georgia, Hungary, Iceland, Kosovo, Lithuania, Malta, Moldova, Montenegro, North Macedonia, Romania, Serbia, Slovakia, and Slovenia.

We hope you find this information useful. If used, we appreciate a linked credit to <https://www.saveonenergy.com/uk/eu-energy-production-from-wind-power/>, who commissioned the data. These linked credits allow us to keep supplying you with future content that you may find useful!