

# Netherlands Renewable Energy Operation Site



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[The Netherlands is accelerating the transition to renewable energy.](#)

All energy used in the Netherlands will need to come from sustainable sources by 2050. And there are also targets to reduce greenhouse gas emissions by 49% by 2030, and 95% by 2050 (compared to

### Renewable energy

The Netherlands is using more and more energy and its gas reserves are running out. Among other things, the country will need to switch to alternative energy sources for transport and heating. Work



### Energieopwek

Insight into the current (near-real-time) production of sustainable energy in the Netherlands

### RWE in de Benelux

RWE Renewables Benelux ontwikkelt, bouwt en exploiteert zonneparken en windparken op land en op zee. RWE behoort wereldwijd tot de grootste spelers op het gebied van energieopwekking uit



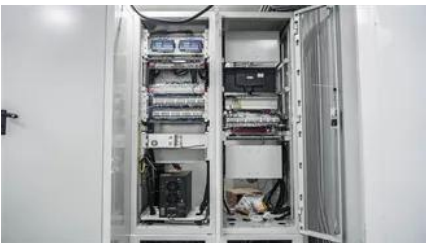
[Nearly half the electricity produced in the Netherlands is now renewable](#)



### [Renewable electricity: production and capacity , Data overhead](#)

This table contains information about the Dutch production of renewable electricity, the number of installations used and the installed capacity of these installations.

Production from renewable sources increased by 21 percent in 2023 compared with the previous year. The share of electricity generated from fossil fuels fell, and the Netherlands exported



### **Renewable Energy 2025**

In May 2025, a solar park with an annual capacity of 123 GWh near Amsterdam started operations. The site presented a safety risk, as the reflection from the solar panels created significant

### **Rotterdam refinery**

The production of renewable products at the Rotterdam refinery in the Netherlands started in 2011. Neste's current 1.4 million ton capacity for renewable products in Rotterdam is the largest in Europe.



### **Ecowende**

Ecowende builds the first offshore wind farm in harmony with nature. Ecology is leading as renewable energy must become more sustainable.

## Renewable energy in the Netherlands

Despite the historic usage of wind power to drain water and grind grain, the Netherlands today lags 21 of the 26 other member states of the European Union in the consumption of energy from renewable



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