

RWE

A leading
global actor
in renewable
energy.

RWE Renewables
in Sweden



With local
roots and
benefits

About RWE.

RWE is a long-term and strong player in the energy transition with over 125 years of experience in the energy industry.



Employees at our wind farm site Kårehamn.

RWE is leading the way to a green energy world.

With its investment and growth strategy Growing Green, RWE is contributing significantly to the success of the energy transition and the decarbonisation of the energy system.

Around 20,000 employees work for the company in almost 30 countries worldwide. RWE is already one of the leading companies in the field of renewable energy. Between 2024 and 2030, RWE will invest 55 billion euros worldwide in offshore and onshore wind, solar energy, batteries, flexible generation, and hydrogen projects. By the end of the decade, the company's green portfolio will grow to more than 65 gigawatts of generation capacity, perfectly complemented by global energy trading.

RWE is decarbonising its business in line with the 1.5-degree reduction pathway and will phase out coal by 2030. RWE will be net-zero by 2040. Fully in line with the company's purpose – Our energy for a sustainable life.



RWE Renewables Sweden.

We develop, build and operate renewable energy production facilities.

RWE Renewables Sweden is pursuing the expansion of renewable electricity generation with the objective of electrifying society, contributing to the green energy transition, and strengthening the competitiveness of Swedish industry.

Facts & Figures



RWE Renewables (formerly E.ON Vind) has been active on the Swedish market since **2007**.



The Swedish head office is located in Malmö. We have further offices in Stockholm, Gothenburg, Kårehamn, and Ånge.



160 RWE employees work in onshore and offshore wind as well as in hydrogen.



We operate around **760 MW** (RWE share ~ 600 MW) of onshore wind farms.



We own and operate one of Sweden's only two offshore wind farms.



We are also active in the Swedish hydrogen market.



The development portfolio has a potential of **around 11 GW***.

* The project development portfolio includes offshore projects that have not yet achieved full exclusivity.

Wind power's crucial role in the green industrial transition – leading the way to a fossil-free society.

Wind power is the perfect choice when it comes to balancing climate protection, security, and affordability. Wind power is the type of energy that can be developed on a large scale in the shortest time and at the lowest cost. Swedish industry can become a world leader in the energy transition – and wind power makes this transition possible.

The green industrial transition and the electrification of transport require a reliable supply of fossil-free electricity at low prices. Sweden's electricity demand is expected to rise sharply, by 50% by 2030, and only wind power can be expanded at the required speed and scale.

The annual production of a modern wind turbine (25 GWh per year) is equivalent to the electricity consumption of

5,000 households.

Our objective is to construct wind farms that enhance biodiversity and facilitate local development. To this end, we collaborate with leading experts in fields such as nature values, biodiversity, and the environment, as evidenced by the following examples:



1. In Kårehamn, RWE is conducting a pilot study on the potential of artificial structures in offshore wind farms in the Baltic Sea to promote biodiversity.



2. In Ånge municipality, RWE is exploring the possibility of collaborating with a local rotor blade recycling company in central Sweden to further increase the sustainability of wind power and take an important step in a transition towards circularity.



3. RWE is working with a supplier for future onshore wooden wind turbines in Sweden that can reduce the carbon footprint of wind farms.

Our projects in Sweden.



Examples of our projects in operation.

Örken onshore wind farm.



RWE is growing its renewables business in Sweden. In the fall of 2023, RWE commissioned two additional turbines at the Örken onshore wind farm in Halland County in southern Sweden, where electricity demand is highest. Örken wind farm

was commissioned in 2012 with a total of six wind turbines for an installed capacity of 18 MW. The two new turbines are reused, refurbished, and more efficient than the existing ones, with four megawatts (MW) each. The new turbines alone supply around 4,550 Swedish homes with green electricity. The expanded plant now features eight turbines with a total capacity of 26 MW and can supply enough electricity for around 14,850 households.

Kårehamn offshore wind farm.

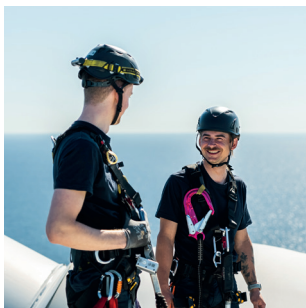


Kårehamn Offshore wind farm was commissioned in 2013 and is one of two operating offshore wind farms in Sweden. The wind farm is located in the Swedish part of the Baltic Sea, close to Öland and about 7 kilometres offshore from the village of Kårehamn.

It consists of 16 Vestas V112 wind turbines, each 76.9 metres tall with a capacity of 3 MW. The windfarm delivers electricity to 34,000 households – about half of the population of Öland. RWE invested 120 million euros in the construction and operation of the wind farm.

Examples of our projects in development.

Neptuni offshore wind farm.



RWE is expanding renewable electricity production to support the energy transition and strengthen Swedish industry.

The Neptuni offshore wind farm, expected to produce 6.4 TWh annually, could meet 2.2% of Sweden's

projected 2050 electricity demand and up to 53% of Kalmar County's energy needs. These large offshore wind farms can be built in about four years, offering a fast and cost-effective solution to Sweden's growing electricity demand.

Spångberget onshore wind farm.



RWE is a long-term and strong player in the energy transition in Sweden, taking ownership of projects along the entire value chain, from feasibility studies and planning all the way to construction and operation.

RWE is developing the Spångberget wind farm in Ånge municipality. The planned wind farm will have up to 39 wind turbines with a capacity of up to 390 MW and is expected to produce 1,228 GWh of electricity annually. We also want the local community to benefit from the new wind farm. To this end, we are allocating part of the revenue from future wind farms to community funds. The money will support development and conservation initiatives in the region, benefiting local residents, businesses and associations.

**Explore our projects and locations
and get in contact with us!**



Employees in our head office in central Malmö.

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More
information

