

Press release

Fewer turbines, five times the output: RWE commissions modernised Lasbek wind farm

- **Four turbines with a total capacity of 22.8 megawatts replace six older turbines**
- **Green electricity for an estimated 18,000 households; municipalities to benefit financially**
- **Three rotor blades to be reused in noise barrier wall**

Lasbek/Essen, 8 December 2025

Following extensive modernisation and a construction period of just one year, RWE has commissioned its new Lasbek wind farm. In the municipality of Lasbek in the Stormarn district of Schleswig-Holstein, the company replaced six existing turbines with a total capacity of 10.8 megawatts (MW) with four new, more powerful turbines, with a total capacity of 22.8 MW. These turbines will increase electricity generation fivefold, meaning the new Lasbek wind farm can now supply an estimated 18,000 households. The region will also benefit from this repowering project, with the surrounding municipalities set to receive up to €124,000 per year of operation, which is around €100,000 more than before. This additional income can be used to provide financial support to municipal facilities such as daycare centres, schools or fire departments, for example.

RWE is making the rotor blades from one old turbine available to the BladeReUse research project at the Karlsruhe Institute of Technology. This project, involving RWE and other partners*, is investigating how rotor blades from wind turbines can be reused more sustainably and efficiently. The robust and durable composite materials are to be processed in such a way that they can be reused in products suitable for large-scale production. Specifically, the materials are to be used in noise barrier walls along motorways. Other turbine parts will be warehoused as spare parts for the RWE fleet.

Katja Wünschel, CEO RWE Renewables Europe & Australia: “I am delighted we have commissioned Lasbek wind farm! We have given the farm a new lease of life in the same location with fewer turbines but five times the electricity generation capacity. Repowering offers enormous potential. Our wind farm can now supply 18,000 households. Many of the turbine components are also being repurposed in other wind farms or in innovative noise barrier walls along motorways. The surrounding communities are also benefiting from additional income of up to €100,000 per year. We would like to thank the RWE team, our partners, as well as the authorities and grid operators involved for their reliable collaboration and swift implementation.”



Growth in the German market for onshore wind

Using onshore wind energy is crucial for the energy transition and is one of the cornerstones of expanding renewable energy sources. RWE is currently constructing onshore wind farms in Germany with a total planned capacity of 145 MW, and already has 760 MW in operation.

A picture of the new wind farm is available in the RWE-Media Center (Bildrechte: RWE).

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*Blade ReUse pilot project

The [BladeReUse research project](#) aims to develop a method for the resource-saving and CO₂-reducing reuse of rotor blades in the infrastructure sector. Partners in the project, which is being conducted by the Karlsruhe Institute of Technology, include Amiblu Germany GmbH, Die Autobahn GmbH (a federal government company), ICM-Composites GmbH & Co. KG, Rau Lärmschutzwände, Geosystem GBK GmbH, and RWE. The pilot project is funded by the German Federal Ministry for Economic Affairs and Climate Protection as part of the Lightweight Construction Technology Transfer Program (TTP LB).

RWE

RWE is leading the way to a modern energy world. With its investment and growth strategy, 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 one of the leading companies in the field of renewable energy. RWE is investing billions of euros in expanding its generation portfolio, in particular in offshore and onshore wind, solar energy and batteries. It is perfectly complemented by its global energy trading business. Thanks to its integrated portfolio of renewables, battery storage and flexible generation, as well as its broad project pipeline of possible new builds, RWE is well positioned to address the growing global demand for electricity, particularly driving by further electrification and artificial intelligence. 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.

Forward-looking statements

This press release contains forward-looking statements. These statements reflect the current views, expectations, and assumptions of management, and are based on information currently available to management. Forward-looking statements do not guarantee the occurrence of future results and developments and are subject to known and unknown risks and uncertainties. Actual future results and developments may deviate materially from the expectations and assumptions expressed in this document due to various factors. These factors primarily include changes in the general economic and competitive environment. Furthermore, developments on financial markets and changes in currency exchange rates as well as changes in national and international laws, in particular in respect of fiscal regulation, and other factors influence the company's future results and developments. Neither the company nor any of its affiliates undertakes to update the statements contained in this press release.

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