

RWE installs first foundation at Thor offshore wind farm

- **First of 72 monopiles installed at the 1.1 gigawatt Thor offshore wind farm**
- **Monopiles shipped from the heavy-lift terminal in Eemshaven, the Netherlands to the construction site in the Danish North Sea**
- **Sustainable features: reused monopile hard covers, CO₂-reduced steel towers and recyclable blades**
- **When completed in 2027, Thor will be able to provide enough renewable energy to power the equivalent of more than one million Danish homes**

Essen/Copenhagen, 30 April 2025

RWE has taken an important step in the construction of the 1.1 gigawatt (GW) Thor offshore wind farm in the Danish North Sea: the first of 72 monopile foundations has been successfully installed.

The monopiles were shipped from the heavy-lift terminal in Eemshaven, the Netherlands to the Thor construction site in the Danish North Sea, located approximately 22 kilometres off the west coast of Jutland, and installed by the vessel “Les Alizés”. Five monopiles can be loaded in one shipment. The monopiles are around 100 metres in length and weigh up to 1,500 metric tons each. This is roughly equivalent to the weight of 1,000 small cars.

Sven Utermöhlen, CEO of RWE Offshore Wind: “With Thor we are constructing Denmark’s largest offshore wind farm to date. The installation of the first monopile is a highly symbolic moment and a great achievement for the entire RWE team after years of planning and preparation. My thanks go to all colleagues and partners involved for their contribution. Building a project of this size and scale is a great opportunity to demonstrate our expertise in delivering valuable offshore wind farms around the globe.”

Secondary steel structures for the foundations are being handled from the Danish Port of Thyborøn, which is the offshore construction base for Thor and home port for the project’s service vessels. The control centre for managing marine logistics and traffic throughout the offshore construction phase is also based in Thyborøn.

RWE to deploy CO₂-reduced steel towers and recyclable rotor blades

To protect the monopiles from the harsh conditions at sea until the turbine towers are mounted, [innovative reused hard covers](#) will be installed. As a [further sustainable feature](#), 36 of the turbines will be equipped with CO₂-reduced steel towers and 40 turbines will use recyclable rotor blades.

Delivery of Thor offshore wind farm well underway

The turbine installation works are scheduled to be carried out from the Port of Esbjerg in Denmark, starting in 2026. When fully operational in 2027, Thor offshore wind farm will be capable of producing enough green electricity to supply the equivalent of more than one million Danish households. The wind farm's operations and maintenance plan expects to create 50 to 60 local jobs in a new service building at the Port of Thorsminde. Construction of the new RWE service building is already underway, and is expected to be finalised by the end of 2025.

Leading global player in offshore wind

RWE is one of the world's leading players in the offshore wind sector and has more than 20 years of experience in the development, construction and efficient operation of offshore wind farms. The company already has 19 offshore wind farms in operation and is currently building the following wind farms: Sofia in the UK (1.4 GW), OranjeWind together with TotalEnergies in the Netherlands (795 MW, RWE share: 50%), the Nordseecluster (1.6 GW) in Germany as well as the Thor wind farm in Denmark (1.1 GW). At the end of March, RWE [announced](#) that Norges Bank Investment Management would acquire a 49% stake in the Thor and Nordseecluster offshore wind projects.

For more information about RWE's Thor offshore project, please visit thor.rwe.com.

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RWE is leading the way to a clean 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. 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. 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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