

Press release

RWE and TotalEnergies choose Eemshaven as turbine assembly and construction base for joint Dutch offshore wind project OranjeWind

- **Pre-assembly and offshore construction of turbines will be carried out from Buss Terminal Eemshaven in 2027**
- **Buss Terminal Eemshaven will serve as a marshalling harbour for OranjeWind as well as for RWE's Nordseecluster Phase B**
- **Eemshaven port also used for handling monopile foundations for RWE's offshore wind projects Nordseecluster Phase A off the German coast and Thor in Denmark**

Essen/Geertruidenberg, 10 December 2024

RWE and TotalEnergies have selected the port of Eemshaven in the northern Dutch province of Groningen as the base for turbine assembly and construction work for their joint offshore wind project OranjeWind in the Dutch North Sea. To this end, the OranjeWind joint venture has signed an agreement with Buss Terminal Eemshaven.

Thomas Michel, Chief Operating Officer of RWE Offshore Wind: “The choice of construction port is crucial for any offshore wind project. Buss Terminal Eemshaven, with its marshalling and construction facilities, has capabilities that are geared towards the efficient realisation of our OranjeWind project. For this reason, we have decided to use the Buss Terminal for OranjeWind while it's simultaneously supporting our German Nordseecluster and Danish Thor projects.”

Marc Wegman, Managing Director of Buss Terminal Eemshaven: “We are pleased to partner with RWE and TotalEnergies and serve as the base for the construction of another large offshore wind project. With our highly trained and motivated team, completing the project safely and on time is our top priority. This project will further strengthen Buss Ports' position as a leading harbour logistics partner for offshore wind projects.”

Construction activities at the offshore wind site will start in early 2026. Buss Terminal Eemshaven will facilitate the offloading, storage, handling and pre-assembly of major components of the turbines and the inter-array cabling for the OranjeWind wind farm. The monopile foundations will be transported directly to the offshore installation site from Sif's production facility at the Port of Rotterdam. Turbine installation at the OranjeWind offshore site, approximately 278 km from Eemshaven, is scheduled to start in early 2027, with commissioning expected to be fully completed by the end of 2027.

RWE

RWE is currently using the Buss terminal at Eemshaven to handle monopile foundations for its Danish offshore wind project Thor while preparations are being made to support construction of its German offshore wind project Nordseecluster A. The agreement for the OranjeWind project will see a marshalling area of a total of 35-40 hectares (the equivalent of approximately 55 football pitches) being used to accommodate OranjeWind and Nordseecluster B projects concurrently.

With an expected annual generation of around 3 terawatt hours, OranjeWind will produce enough green electricity to supply the equivalent of more than one million Dutch households.

OranjeWind supply chain secured

Turbine manufacturer Vestas will provide 53 of their 15-megawatt (MW) turbines to OranjeWind, while Sif will manufacture monopiles and secondary steel components. Jan De Nul Group has been contracted for various transportation and installation activities for foundations and turbines. TKF will manufacture and supply the inter-array cables, with DEME taking care of the transportation and installation of these cables. DEME is also contracted to install the secondary steel components for the foundations. Grid operator TenneT will facilitate the offshore grid connection, linking the inter-array cables to its offshore substation, from which export cables will feed into the onshore high-voltage substation in Wijk aan Zee. Upon completion, Vestas will service the wind turbines for five years under a service agreement followed by a long-term operational support agreement.

Global player in offshore wind

RWE's global offshore wind portfolio encompasses 19 offshore wind farms in operation. Besides OranjeWind (795 MW) in the Netherlands, RWE is currently building three large-scale offshore wind farms in the North Sea: Sofia offshore wind farm (1.4 gigawatt (GW)) in the UK, Nordseecluster (1.6 GW) off the German coast and Thor (1.1 GW) in Denmark. RWE aims to triple its global offshore wind capacity from 3.3 GW today to 10 GW by 2030.

For more information about the OranjeWind project go to www.oranjewind.com.

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A graphic for media use (credit: RWE) is available at the [RWE Media Centre](#).

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TotalEnergies and electricity

As part of its ambition to get to net zero by 2050, TotalEnergies is building a world class cost-competitive portfolio combining renewables (solar, onshore and offshore wind) and flexible assets (CCGT, storage) to deliver clean firm power to its customers. By the end of 2024, TotalEnergies' gross renewable electricity generation installed capacity has reached over 24 GW. TotalEnergies will continue to expand this business to reach 35 GW in 2025 and more than 100 TWh of net electricity production by 2030.





About TotalEnergies

TotalEnergies is a global integrated energy company that produces and markets energies: oil and biofuels, natural gas and green gases, renewables and electricity. Our more than 100,000 employees are committed to provide as many people as possible with energy that is more reliable, more affordable and more sustainable. Active in about 120 countries, TotalEnergies places sustainability at the heart of its strategy, its projects and its operations.

Buss Ports

Buss Ports unites all port activities of the Buss Group, which was founded in 1920 as Gerd Buss Stauerei. The company quickly made a name for itself with the loading and unloading of ships and within a few years became one of the largest stevedoring companies in the Hanseatic city of Hamburg. Today, Buss Ports is a reliable partner offering comprehensive solutions for the energy sector and industry. The portfolio includes a broad spectrum ranging from classic port logistics and stevedoring to customised project logistics. Buss Ports operates four terminals either independently or in partnerships, and also has other service companies. In the offshore wind logistics sector, Buss Ports has established itself as a first port of call in the market for harbour logistics for large offshore wind projects. The team of logistics experts and engineers at Buss Offshore Solutions in Hamburg creates customised and individual logistics solutions for the handling, transport, storage and pre-installation of offshore wind components.

RWE

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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