

Press release

Nordseecluster: First foundations for German offshore wind project offloaded in Eemshaven

- **Eemshaven to serve as transshipment point for 45 foundations weighing on average 1,500 tonnes each – the equivalent of 1,000 small cars**
- **1.6-gigawatt Nordseecluster to be built north of island of Juist; installation of foundations for first construction phase commencing in summer; turbines to be erected in 2026**
- **Nordseecluster A with 660 megawatts to be commissioned in 2027; Nordseecluster B with additional 900 megawatts to follow in 2029**

Essen, 14 March 2025

RWE is taking an important step towards building the Nordseecluster offshore wind project in the German North Sea. The first eight foundations have arrived and been offloaded in the Dutch base port Eemshaven. These foundations are around 85 metres long on average and weigh approximately 1,500 tonnes each. This is the equivalent to the weight of around 1,000 small cars. This year, a total of 45 of these monopile foundations will pass through the Buss Terminal in Eemshaven; 44 of them are to carry the wind turbines, and one will support the transformer substation. The large-scale foundations were manufactured and delivered by Dajin Heavy Industry.

Thomas Michel, COO RWE Offshore Wind: “With the delivery and safe unloading of the first foundations by Dajin, we have passed an important milestone on the way to building our Nordseecluster. With an overall capacity of around 1.6 gigawatts, it is the largest wind project currently being built off the German coast. We need an enormous amount of storage space and an excellent port infrastructure for the construction process – both of which are available at the Buss Terminal Eemshaven. We are currently creating synergies by also handling the foundations for our Danish offshore wind farm Thor at this port and will use it as the base for our Dutch OranjeWind project as well.”

Quay, storage and traffic areas totalling more than 260,000 square metres are available in Eemshaven for handling the foundations for the offshore wind projects from RWE.

The Nordseecluster will be built in two stages: Nordseecluster A will have a capacity of 660 megawatts (MW). Beginning in summer, the foundations will be shipped from the base port in Eemshaven out to the construction site at sea, which is located around 50 kilometres north of the island of Juist. The 44 wind turbines for Nordseecluster A will be erected next year and fully connected to the grid at the start of 2027. Nordseecluster B will contribute additional 900 MW from 60 wind turbines and commence commercial operation at the start of 2029.

RWE

With its overall capacity of around 1.6 gigawatts (GW), the Nordseecluster will generate enough green electricity to supply the equivalent of around 1.6 million households.

RWE is a global leader in offshore wind technology

RWE is one of the leading players worldwide in the field of offshore wind and has over 20 years of experience in developing, building and efficiently operating offshore wind farms. In addition to the Nordseecluster, the company is currently implementing three major offshore wind projects: Sofia in the UK (1.4 GW), Thor in Denmark (1.1 GW), and OranjeWind in the Netherlands (795 MW) in collaboration with TotalEnergies.

Further information on the Nordseecluster offshore wind project is available [here](#).

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Pictures of first foundations for media use (credit: RWE) are available at the [RWE Media Centre](#)

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.

About Buss Terminal Eemshaven

Buss Terminal Eemshaven is part of Buss Ports. The Terminal is located at the north coast of the Netherlands and is close to various offshore wind farms in the North Sea. It contains about 460,000 m² of storage area with a load bearing capacity of up to 30 tons/m² as well as quays with a combined length of 950 m and heavy-duty platforms which can handle a capacity of up to 30 tons/m² surface load. These specifications combined with its prime location and an experienced terminal team make Buss Terminal Eemshaven the leading terminal operator for offshore logistics in the European North Sea.

About Buss Ports

Buss Ports unites all port activities of the Buss Group, which was founded in 1920. 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 customized project logistics. Buss Ports operates four terminals either independently or in partnership and has other service companies in its portfolio. In the offshore wind logistics sector, Buss Ports has established itself as a leader in the market for port logistics for large offshore wind projects. The team of logistics experts and engineers at Buss Offshore Solutions in Hamburg creates customized and individual logistics solutions for the handling, transport, storage and pre-installation of offshore wind components. Find more information on the activities of Buss Ports at www.buss-ports.com



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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