

Press release

Investment decision made: RWE to build wind farms with capacity of 1.6 GW off German North Sea coast

- **Nordseecluster project to be implemented in two phases**
- **Construction of Nordseecluster A with capacity of 660 MW due to start in 2025 with full commissioning planned for beginning of 2027**
- **Construction of Nordseecluster B with capacity of 900 MW expected to begin in 2027 with full commissioning to take place at beginning of 2029**
- **Around 6.5 terawatt hours of electricity generation per year will contribute in particular to decarbonisation of industry; RWE to offer its customers tailored solutions**

Essen, 27 May 2024

RWE has made the investment decision for its Nordseecluster, involving offshore wind projects with a total capacity of 1.6 gigawatts (GW). The wind farms will be built in the North Sea, about 50 kilometres north of the island of Juist. Suppliers of the main components have already been selected for the cluster as a whole.

Sven Utermöhlen, CEO RWE Offshore Wind: “Our portfolio already includes six offshore wind farms off Germany’s coastlines. The Nordseecluster will add two more. This sends out a good signal for the energy transition in Germany and for RWE. With a total capacity of 1.6 gigawatts, these wind farms will generate around 6.5 terawatt hours of green electricity per year. This will contribute in particular to the decarbonisation of industry in our home market.”

The Nordseecluster is being implemented in two phases – Nordseecluster A and B. Nordseecluster A has a total capacity of 660 MW. Manufacturing of some key components has already started. Construction at sea is scheduled to begin next year. By the beginning of 2027, all 44 wind turbines shall be connected to the grid. Nordseecluster B will add a further 900 MW of capacity. The 60 turbines are scheduled to start commercial operation from the beginning of 2029.

RWE does not have to make any lease payments to the German Federal Network Agency (Bundesnetzagentur) for the Nordseecluster sites. The size of the cluster will provide synergy effects for RWE in the construction and subsequent operation of the wind farms. RWE will use the green electricity generated from the wind farms to support its industrial customers on the path to decarbonisation with customised energy solutions. These customers increasingly include operators of AI data centres.

RWE

Globally, RWE is one of the leading players in offshore wind. In the past 20 years, the company has put 19 offshore wind farms into operation, including six off the German coast. RWE has set itself the goal of tripling its global offshore wind capacity from the current 3.3 GW to 10 GW in 2030.

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A map of the Nordseecluster is available in the [RWE Media Centre](#) (image rights: RWE).

Additional information for editorial purposes:

	Capacity	Status
Nordseecluster A		
NC1 (previously N-3.7)	225 MW	Site secured in 2021; construction scheduled to start in 2025
NC2 (previously N-3.8)	435 MW	Site secured in 2021; construction scheduled to start in 2025
Nordseecluster B		
NC3 (previously N-3.5)	420 MW	Site secured in 2023; Seabed examinations in progress, approval process being prepared in consultation with BSH
NC4 (previously N-3.6)	480 MW	Site secured in 2023; Seabed examinations in progress, approval process being prepared in consultation with BSH
Total (Phase A & B)	1,560 MW	

RWE has selected experienced partners to implement its Nordseecluster:

Atlantique Offshore Energy, the maritime energy segment of Chantiers de l'Atlantique, will supply two offshore transformer substations. Hellenic Cables was selected for the cable manufacture. The foundations for the wind turbines will be manufactured by Dajin Offshore and will be installed at sea by Van Oord. Vestas will supply the wind turbines (type V236-15.0 MW), each with a capacity of 15 MW. Transport and installation of the wind turbines will be performed by Havfram Wind, using its installation vessels "Norse Wind" and "Norse Energi".

RWE

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, which will be 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.



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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Nordseecluster:



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