

Press release

First monopile successfully installed at OranjeWind offshore wind farm

- **Monopile installation kicked off at OranjeWind with first successful installation**
- **Foundations supplied by Sif and installed by Jan De Nul vessel Les Alizés**
- **Once fully operational in early 2028, the 795 MW offshore wind farm will be able to generate enough electricity to supply the equivalent of 1 million Dutch households**

Essen/Utrecht, 01 September 2026

The OranjeWind project has successfully installed the first monopile in the Dutch North Sea. This marks a significant milestone for the offshore wind project, which is a joint venture between RWE and TotalEnergies. Installation of all 53 monopiles is expected to be completed by early 2027.

Sven Utermöhlen, CEO RWE Offshore Wind: “RWE and TotalEnergies are delivering one of the largest wind farms in the Dutch North Sea. After years of planning, the project has become a reality with the installation of the first monopile. This is a huge success for the team and its supply chain partners. Now we take the first steps towards providing renewable energy to the Netherlands with OranjeWind.”

Olivier Jouny, Senior Vice President Renewables TotalEnergies: “The successful installation of the first monopile is an important milestone for OranjeWind and for TotalEnergies’ ambition to build an integrated power business in Europe. Together with RWE, we are developing a major offshore wind project that will contribute to the Netherlands’ renewable electricity supply while supporting our own decarbonisation roadmap through the production of green hydrogen for our refineries in Northern Europe. OranjeWind is a concrete example of how TotalEnergies is combining scale, innovation and partnerships to deliver the energy transition.”

The foundations are transition piece-less monopiles. This means the turbines are bolted directly to the monopile’s top flange, without a transition piece. This design significantly reduces the amount of steel used. Secondary steel components such as Main Access Platform, Internal Cassette and boat landings are mounted directly onto the monopile in a separate installation campaign. Each monopile will be about 90 metres long and 8 metres in diameter.

The monopile was loaded out from Sif's terminal at the Maasvlakte near Rotterdam to the offshore site, 53 kilometres off the coast of IJmuiden. It was transported and installed by Jan De Nul's vessel Les Alizés, which is part of a long-term charter between Jan De Nul and RWE. Les Alizés is an innovative floating vessel that uses dynamic positioning to ensure correct placement of the monopiles. It uses a 5,000-tonne crane that reaches 160 metres at full height to lift the monopiles so they can be driven into the seabed by a hydraulic impact hammer. The Les Alizés is a so-called Ultra-Low Emissions Vessel, a notation for ships that go beyond existing [MARPOL requirements](#) for lowering emissions, fitting advanced air emission control technology onboard. The Les Alizés is equipped with systems that significantly reduce NOx and fine particle emissions.

To protect marine life from the sounds of piling, the project is applying a so-called bubble curtain, where compressed air is pumped through a hose to create a wall of bubbles around the piling site which absorb and reflect sound waves. The project will also conduct noise measurements outside the bubble curtain to verify and ensure that sound levels remain within the applicable limits.

About OranjeWind

OranjeWind offshore wind farm is a joint venture project by RWE and TotalEnergies. The 795 megawatt (MW) wind farm will be located 53 kilometers from the Dutch coast. With the first monopiles installed, construction of the project has officially started. Installation of the inter-array cables will take place at the end of 2026. The 53 turbines will be installed over the course of 2027 and the wind farm is expected to be fully commissioned in 2028. It will generate enough electricity to power the equivalent of one million Dutch households each year.

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

Further information about OranjeWind can be found [here](#)

TotalEnergies and electricity

TotalEnergies is building a competitive portfolio that combines renewables (solar, onshore wind, offshore wind) and flexible assets (CCGT, storage) to deliver clean firm power to its customers. By the end of June 2026, TotalEnergies holds more than 37 GW of gross renewable power generation capacity and aims to achieve over 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, biogas and low-carbon hydrogen, 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



RWE

RWE is shaping the energy world of tomorrow. To this end, the company is investing billions of euros in offshore and onshore wind, solar energy, battery storage, flexible generation assets and, through its shareholding in Amprion, in the expansion of Germany's transmission grid. The portfolio is complemented by its global energy trading business. RWE is already one of the leading companies in the field of renewable energy. Around 20,000 employees work for the company worldwide. With its integrated portfolio and broad project pipeline, RWE is ideally positioned to meet the growing global demand for electricity driven by electrification and artificial intelligence. At the same time, the company is making an important contribution to ensuring a secure, affordable and climate-friendly energy supply. RWE is decarbonising its business in line with the 1.5-degree reduction pathway, will phase out coal by 2030 and aims to achieve 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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