

### RWE receives grant for Eemshydrogen project to build 50-megawatt electrolyser for production of green H<sub>2</sub>

- RVO grants €124.9 million for Eemshydrogen as part of OWE funding scheme
- Project envisages construction of a 50Mwe electrolysis plant at RWE's site in Eemshaven
- Plant will produce green hydrogen using electricity from RWE's Westereems wind farm
- Final investment decision planned for end of 2024

Geertruidenberg, 29 April 2024

The Netherlands Agency Enterprise (RVO) has granted RWE a funding commitment of 124.9 million euro for its Eemshydrogen project. Eemshydrogen is a project to build a 50-megawatt electrolysis plant at RWE's site in Eemshaven to produce green hydrogen. RWE plans to operate the electrolyser with green electricity from its Westereems wind farm, which is located only around 5 kilometres from the Eemshaven power plant site.

#### Green hydrogen in the Netherlands

The Netherlands wants to be climate-neutral by 2050, meeting European climate targets. Green hydrogen plays an important role in this, which is why the government has set targets for this in the Climate Agreement: an electrolysis capacity of 3-4 gigawatts (3000-4000 megawatt), with sufficient storage sites and infrastructure, by 2030. At the end of 2022, the government sharpened this: the new target is 8 gigawatts (8000 megawatt) of electrolysis capacity by 2032.

To help further develop the production and application of renewable hydrogen, the Dutch government has developed several subsidies and financing options, including the subsidy scheme Upscaling Fully Renewable Hydrogen Production via Electrolysis (OWE). RWE successfully applied for this grant in the first round of bidding.

**Sopna Sury, COO Hydrogen RWE Generation:** "This is excellent news. The funding is one crucial component to make the overall project economically viable and advance the ramp-up of the hydrogen market in the province of Groningen and beyond. By supplying clean hydrogen, for example to the transport sector and chemical plants, our Eemshaven site will help reduce carbon emissions of industrial companies in North-Western Europe."

RWE plans to take a financial investment decision (FID) for Eemshydrogen at the end of 2024. A major prerequisite for this is the timely connection to the required infrastructure, such as the national hydrogen backbone, in order to transport the green hydrogen to the market. RWE already received an environmental and building permit for Eemshydrogen and is in contact

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with potential off takers. The suppliers for the required equipment and the construction of the electrolysis plant will be contracted after FID. The Eemshydrogen plant is scheduled to go into operation in 2027.

## Hydrogen at RWE

Green hydrogen is a fundamental component of RWE's investment [strategy](#), with plans to invest 55 billion euros in expanding its green portfolio to 65 gigawatts globally by 2030. This includes plans to build two gigawatts of electrolysis capacity by 2030 in RWE's core markets. The group is involved in all stages of the hydrogen value chain. Where regulation, support schemes, and sales potential are appropriate, the company develops, constructs, and operates electrolyzers and enters import partnerships.

Alongside its partners, RWE is driving over 30 [hydrogen projects](#) worldwide, primarily focusing on North-Western Europe and North America. In the United Kingdom (UK), RWE is progressing proposals to develop a green hydrogen production facility on its land adjacent to Pembroke Power Station. In Germany, the relevant authority in Oldenburg has granted permission for the construction and operation of electrolyzers at the site of the RWE gas-fired power plant in Lingen.

In the Netherlands, RWE is developing more opportunities to build electrolyzers to supply green hydrogen in areas such as Rotterdam and Zeeland.

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**A picture of Eemshydrogen for media use** is included (credit: RWE).

**More information on project Eemshydrogen** can be found [here](#).

## 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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