

## Press release

### RWE receives planning permission for Kaskasi offshore wind farm

- **Kaskasi is the first offshore wind farm which has been approved based on the new wind at sea law by the German Federal Maritime and Hydrographic Agency**
- **Offshore construction work will start in Q3 2021**
- **Planned to be fully operational in 2022**

Essen, 18 December 2020

For RWE's offshore wind farm Kaskasi the green light has been confirmed: Beginning of December, the German Federal Maritime and Hydrographic Agency (BSH) granted planning permission for the 342-megawatt wind farm. This makes Kaskasi (official name: Kaskasi II) the first offshore wind farm in Germany receiving planning permission under the new wind at sea law, following a successful participation in the auction held under the so called interim system. A component of the permit are pilot wind turbines at which innovative technologies will be tested. The wind farm is set to go online in summer 2022. After full start of commercial operation in Q4 2022, Kaskasi will be able to supply the equivalent of around 400,000 households per year with green electricity.

Sven Utermöhlen, Chief Operating Officer Wind Offshore Global at RWE Renewables: "We naturally have a special connection to our home market Germany. In the period from 2020 to the end of 2022, we will be investing around one billion euros net in expanding renewables in Germany. A large part of that will be allocated to our Kaskasi offshore wind farm. I'm delighted that the BSH has now given the green light by granting planning permission to build our sixth wind farm off the German coast."

The decision to invest in the Kaskasi offshore wind farm, which will be built 35 kilometres north of the island of Heligoland, was made in early 2020. Suppliers for the main components have already been selected and some have already started fabrication. The wind farm will comprise of a total of 38 wind turbines (type: SG 8.0-167 DD). Each turbine will have an installed capacity of up to nine megawatts (MW). The wind turbines will be installed on monopile foundations. The offshore work is set to start in Q3 2021. RWE will use the "vibro pile driving" installation method, which is an efficient alternative to the conventional method of hammering monopiles into the seabed. This improved installation method could reduce installation time and noise emissions during construction.

# RWE

In addition, innovative collars will be mounted at three selected foundations. The “Collared Monopile” was designed based on a patent developed by RWE and will be installed to improve the structural integrity of the entire foundation. This underlines RWE’s vision of taking a leading role in promoting innovation and technology.

## **RWE plans further growth in offshore wind**

Kaskasi is RWE’s sixth wind farm off the German coast: The company operates the offshore wind farms Nordsee Ost (295 MW) and Amrumbank West (302 MW), also off the coast of Heligoland, as well as Arkona, which has an installed capacity of 385 MW (RWE share 50%) and is the largest offshore wind farm in the Baltic Sea. In addition, RWE holds shares in the wind farms Nordsee One and Alpha Ventus.

RWE Renewables is the world’s second-largest operator of offshore wind farms and the foundation for further growth has also been laid: In addition to Kaskasi in Germany, the company is currently constructing the Triton Knoll offshore wind farm off the British coast, with an installed capacity of 857 MW (RWE share: 509 MW). This wind farm is set to start commercial operations in Q1 2022. Overall, the company has a development pipeline of offshore projects of over seven gigawatts – not including tenders the company is considering on top.

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## **RWE Renewables**

*RWE Renewables, the newest subsidiary of the RWE Group, is one of the world’s leading renewable energy companies. With around 3,500 employees, the company has onshore and offshore wind farms, photovoltaic plants and battery storage facilities with a combined capacity of approximately 9 gigawatts. RWE Renewables is driving the expansion of renewable energy in more than 15 countries on four continents. By the end of 2022, RWE targets to invest €5 billion net in renewable energy and to grow its renewables portfolio to 13 gigawatts of net capacity. Beyond this, the company plans to further grow in wind and solar power. The focus is on the Americas, the core markets in Europe and the Asia-Pacific region.*

## **German General Data Protection Regulation (GDPR)**

*Following the introduction of the GDPR, RWE would like to continue to send you press releases featuring information on the latest topics regarding RWE and to contact you via electronic means for this purpose. We hereby inform you that we have updated our privacy policy. We will not disclose any personal data that we have collected, stored and processed for the purposes of sending you our press releases to third parties. Your personal data has been submitted on a voluntary basis. You have the right to prohibit this use at any time. You have the right to obtain information from us concerning your stored personal data at any time and free of charge and to object to the processing or use of your data. If you do not wish to continue to receive press releases, please inform us of this via [datenschutz-kommunikation@rwe.com](mailto:datenschutz-kommunikation@rwe.com). Your data will then be removed from our system and you will not receive any more press releases from us. Please direct enquiries regarding our privacy policy to [datenschutz@rwe.com](mailto:datenschutz@rwe.com).*