

Press release

RWE bids with 1.8 GW unique concept for seabed permit in Poland



- Site located close to RWE's offshore project F.E.W. Baltic II
- Innovative ecological concept and solutions for full grid stability
- Programme to foster local research and businesses as well as knowledge sharing
- Bids for five offshore wind seabed permits with a total capacity of 7.8 GW submitted; further applications to follow

Warsaw, 26 October 2022



“RWE is clearly committed to contributing to the Polish energy transition by delivering the government’s offshore wind build-out programme. We are currently developing our first offshore project in the Polish Baltic Sea, with F.E.W. Baltic II. And we are pleased to have submitted bids for five offshore wind seabed permits – with more to follow.”

Sven Utermöhlen, CEO Offshore Wind, RWE Renewables

Poland has started competitive processes for five offshore wind seabed permits in the Polish Baltic Sea. RWE has submitted bids for all five areas with a total capacity of 7.8 gigawatts (GW) – including a site 44.E1, located in the direct vicinity of its F.E.W. Baltic II project. Based on its track record of more than 20 years in offshore wind, RWE has developed a comprehensive concept for this particular offshore wind farm named Sharco Duo. The 1.8-GW site is located north-west of the Słupsk Bank in the central Polish Baltic Sea.

RWE is expecting extensive synergies with its F.E.W. Baltic II project and operational base in Ustka during the development, construction and operation of Sharco Duo. So the company will be able to provide Poland with green and low-cost electricity.

“Our concept for Sharco Duo consists of state-of-the art offshore wind technology combined with innovative solutions to build and operate the wind farm in harmony with the Baltic Sea ecosystem and to perfectly match the demands of the Polish energy system and reach full grid stability”, explains Grzegorz Chodkowski, Vice President Offshore Development Poland at RWE Renewables. “Based on our experience in offshore wind we are in a perfect position to deliver both Sharco Duo and other offshore wind farms we applied for to simultaneously support local industries and create new, future-proof jobs. In addition, we will foster local research and share the knowledge gained about innovative technologies widely.”

Innovative ecological concept and solutions for full grid stability

RWE’s unique design concept for Sharco Duo supports the perfect integration of the offshore wind farm into the Polish energy system, including green hydrogen production – offshore and onshore – together with innovative electricity storage solutions. RWE is also planning to support biodiversity and enhance the local ecology, flora and fauna. Safeguarding the ecosystem is also a key issue during construction and operation. Therefore, some of the many eco innovation solutions being proposed by RWE are low-noise foundation installation systems and sustainable usage of recyclable components. Another focus will be on a low-emissions operating strategy. Thanks to RWE’s extensive involvement in the central Polish Baltic Sea and the synergies with its F.E.W. Baltic II project, which is in the direct vicinity of the 44.E.1 site, RWE is ready to develop



and implement the Sharco Duo offshore wind farm and produce the first electricity as early as 2028. Once fully operational, it will be capable of producing enough green electricity to supply 11 million Poles per year.

RWE is also ready to place diversified bids for the other additional areas made available for offshore wind farms by the Polish government. Seabed permits awarded out of this process have the chance to qualify and participate in Contract for Difference (CfD) auctions starting in 2025.

Strong footprint in Poland

For many years, RWE has been driving forward the Polish energy transition by developing, building and operating onshore wind farms. With its portfolio, RWE is among the five largest onshore wind operators in Poland. In addition, the company is continuously diversifying its Polish renewables portfolio by investing in solar projects.

Furthermore, RWE is progressing with the development of the F.E.W. Baltic II, one of the first offshore wind farms in the Polish Baltic Sea. Once fully operational, the 350-megawatt (MW) wind farm will be capable of producing enough green electricity to supply the equivalent of around 350,000 Polish households. Through the F.E.W. Baltic II project, RWE will contribute significantly to the local economy.

Extensive experience in offshore wind

RWE is a leading global player in renewables and No. 2 worldwide in offshore wind. RWE is determined to contribute its global expertise and technical know-how to forge ahead with offshore wind in Poland. RWE operates 18 offshore wind farms in five countries – including Arkona, which with 385 MW is one of the largest offshore wind farms in the German Baltic Sea. The company currently has a total installed capacity of around 3 GW of offshore wind projects in operation, the wind farms Sofia (1.4 GW off the British coast) and Kaskasi (342 MW off the German coast) under construction, and a total of more than 10 GW of secured capacities in development worldwide.

For more information, please visit: sharcoduo.rwe.com/en





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RWE Renewables

RWE is leading the way to a green energy world. With an extensive investment and growth strategy, the company will expand its powerful, green generation capacity to 50 gigawatts internationally by 2030. RWE is investing more than €50 billion gross for this purpose in this decade. The portfolio is based on offshore and onshore wind, solar, hydrogen, batteries, biomass and gas. RWE Supply & Trading provides tailored energy solutions for large customers. RWE has locations in the attractive markets of Europe, North America and the Asia-Pacific region. The company is responsibly phasing out nuclear energy and coal. Government-mandated phaseout roadmaps have been defined for both of these energy sources. RWE employs around 19,000 people worldwide and has a clear target: to get to net zero by 2040. On its way there, the company has set itself ambitious targets for all activities that cause greenhouse gas emissions. The Science Based Targets initiative has confirmed that these emission reduction targets are in line with the Paris Agreement. Very much in the spirit of the company's purpose: Our energy for a sustainable life.

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