

Press release

RWE and Masdar Embark on Comprehensive Seabed Survey for DBS Offshore Wind Farms, eastern array

- **RWE and Masdar award contracts to TGS and Fugro to conduct geophysical and geotechnical surveys at the eastern array of the proposed Dogger Bank South offshore wind farms.**
- **Surveys expand on work completed at the western array in 2024, providing a detailed understanding of seabed conditions to inform foundation design plans.**
- **With an estimated combined capacity of 3GW, the DBS projects are the UK's most powerful offshore wind farms under development, capable of supplying electricity to around three million UK homes.**

Swindon, 8 May 2025

RWE, a global leader in renewable energy, and Abu Dhabi Future Energy Company PJSC – Masdar, the UAE's clean energy leader, have engaged TGS and Fugro to conduct detailed seabed geophysical and geotechnical surveys for the eastern array of the proposed Dogger Bank South (DBS) offshore wind farms.

These site investigations will enhance understanding of the seabed conditions of the sites which are over 122 km off the northeast coast of England. TGS began surveys in April, acquiring ultra-high-resolution seismic data to assess the subsea terrain at turbine locations. In May, Geo-data specialist Fugro will examine ground conditions beneath the seabed at the proposed sites of 100 wind turbines, along the inter-array cable routes and at platform foundations using cone penetration tests (CPTs) and sampling boreholes.

Colin McAllister, Development Project Manager for DBS offshore wind farms, stated: "This year's site investigation at the eastern array builds upon similar work completed at the western array in 2024. The level of detail obtained from these surveys is crucial in developing the most effective foundation designs for each location. The DBS projects are critical infrastructure projects and have the potential to supply 3 million homes."

Will Ashby, EVP of New Energy Solutions at TGS, said: "We are pleased to support the RWE and Masdar through the delivery of high-quality geophysical acquisition, imaging and interpretation at the array site of DBS East. This work is critical to minimize geohazards, and ensure safe and efficient project execution in one of the most strategically important offshore wind zones in the UK. Our data-rich capabilities will help de-risk development and support

efficient planning of this important renewable energy project."

John ten Hoope, Fugro's Regional Business Line Director for Marine Site Characterisation in Europe and Africa, said:

"We're proud to contribute to the DBS offshore wind farms by providing geotechnical surveys for the eastern array. Our previous preliminary and detailed investigations of the DBS site have given us unparalleled knowledge of the challenging ground conditions. Using our expertise in CPTs and borehole sampling, we will provide a comprehensive understanding of the seabed, which is essential for the safe and efficient design of wind farm foundations. We look forward to continuing our work on this significant project, which will play a crucial role in advancing the UK's renewable energy goals and providing cleaner energy for millions of homes."

DBS consists of two offshore wind farms with an estimated combined capacity of 3GW. RWE leads both DBS projects, overseeing development, construction, and operations on behalf of partners RWE and Masdar.

At 3GW, these projects are the UK's most powerful offshore wind farms advancing through the Nationally Significant Infrastructure Project (NSIP) planning process, with a consent decision anticipated by the end of the year. If approved, and following a Financial Investment Decision (FID), construction could commence in 2026/27.

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DBS

DBS refers to RWE Renewables Dogger Bank South (East) Offshore Wind Limited and RWE Renewables Dogger Bank South (West) Offshore Wind Limited. DBS offshore wind farms are being jointly developed by RWE and Masdar. RWE is one of the leading companies in the field of renewable energy and holds a 51% stake in the projects and Masdar, the UAE's clean energy powerhouse, holds a 49% stake in the projects.

RWE

RWE is leading the way to a clean 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. RWE is investing billions of euros in expanding its generation portfolio, in particular in offshore and onshore wind, solar energy and batteries. It is perfectly complemented by its 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.

Masdar

Masdar

Masdar (Abu Dhabi Future Energy Company) is one of the world's fastest-growing renewable energy companies. As a global clean energy leader, Masdar is advancing the development and deployment of solar, wind, geothermal, battery storage and green hydrogen technologies to accelerate the energy transformation and help the world meet its net-zero ambitions. Established in 2006, Masdar has developed and invested in projects in over 40 countries with a combined capacity of 51 gigawatts (GW),

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providing affordable clean energy access to those who need it most and helping to power a more sustainable future. Masdar is jointly owned by TAQA, ADNOC, and Mubadala, and is targeting a renewable energy portfolio capacity of 100GW by 2030 while aiming to be a leading producer of green hydrogen by the same year

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