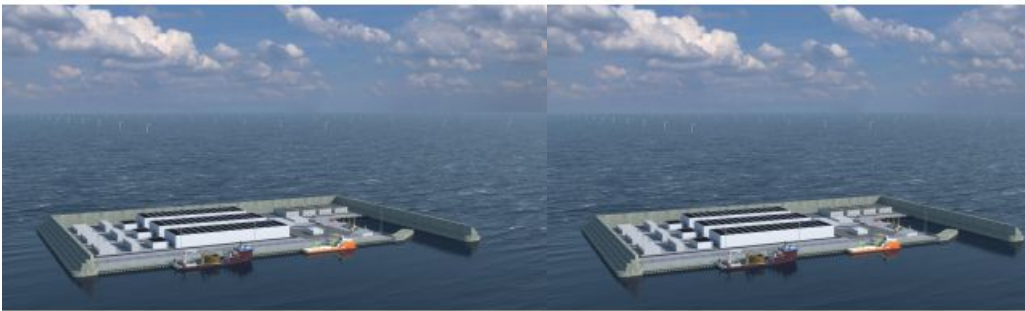


# Fugro Wins Survey Contract for World's First Energy Island Hub



Energinet has awarded Fugro a marine site characterization contract for the Danish Energy Island project in the North Sea. The contract is part of Energinet's preliminary studies to build the world's first 'hub and spoke' energy scheme: an energy island 80km off the Danish coast that will act as a

transmission centre for hundreds of surrounding wind turbines.

Fugro will perform geophysical and unexploded ordnance (UXO) magnetometry surveys, which will be used to prepare an integrated geological and geotechnical soil model on which wind farm developers will base future tenders.

## Geophysical and UXO Magnetometry Surveys

The fieldwork will run from May to November 2021, resuming in February and March 2022, and will comprise two phases: Phase 1 will deliver the geophysical surveys, including seabed sampling and soil data down to at least 100m below the seabed; Phase 2 will be the UXO magnetometry survey, using Fugro's dedicated Geowing solution. Fugro's expert survey and offshore wind consultancy teams will use the acquired geodata to provide a reliable de-risked site interpretation.

"The geophysical studies have to cover a very large area, and it's important that they meet the time schedule. We are therefore pleased that an experienced and professional company such as [Fugro](#) will be performing the surveys in the North Sea," said Poul-Jacob Vilhelmsen, project manager for Energinet's work on the future energy islands in Danish waters.

Rinse Jansch, Fugro's commercial manager, said: "This latest award from [Energinet](#) underlines our commitment to supporting the offshore wind industry in the global energy transition and shows that quality and technical innovation wins contracts. Our innovative ultra-high resolution subsoil geodata solutions will help future wind farm owners to de-risk the development and deliver cost-effective green energy to up to ten million European households."

Artist's impression of the planned Energy Island Hub in the Danish North Sea. (Courtesy: Energinet)

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<https://www.hydro-international.com/content/news/fugro-wins-survey-contract-for-world-s-first-energy-island-hub>

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