

Fugro to Survey the First Large-scale Offshore Wind Farm in Norway



Fugro has been awarded a marine site characterization contract by the Norwegian Petroleum Directorate (NPD) for the Sørlige Nordsjø II offshore wind farm. This will include mapping the seafloor and sub-seafloor to expand understanding of the site's geological features and support future developmental phases of the project.

The development of the [Sørlige Nordsjø II](#) will be divided into two phases of 1,500MW each and will be one of the country's first large-scale offshore wind farms.

Toolkit of Hydrographic Survey Methods

Fugro will mobilize its largest survey vessel, [Fugro Venturer](#), for the project. A total area of 900km² will be surveyed along the eastern side of the site, with Fugro expected to acquire over 5,400km of geophysical data. To gain insight into seabed conditions, Fugro will use a suite of hydrographic surveying technologies and acoustic sensors including full bathymetry and sidescan sonar, an ultra-high resolution seismic (UHRs) survey, sub-bottom profiler and magnetometer. Additionally, water column data from the multibeam bathymetry system will also be recorded.

NPD has extensive experience in acquiring subsurface data and is happy to see that this can now be utilized in supporting the energy transition.

Robert Abelsen, Fugro's service line manager for Norway, said: "Being awarded this project highlights our ability to provide services to the evolving Norwegian energy market. We have already provided services to the smaller Norwegian floating wind test sites, and with our global experience in large-scale wind development areas, we're looking forward to supporting the growing Norwegian offshore wind market."