

PRESS RELEASE

Thursday 9 May 2019

ORDTEK PROVIDES SPECIALIST UXO ADVICE FOR TRITON KNOLL OFFSHORE WIND FARM

Ordtek has been contracted to provide specialist unexploded ordnance (UXO) risk management advice ahead of the construction of innogy's Triton Knoll Offshore Wind Farm.

Having previously worked with innogy to provide UXO risk management for the Galloper Offshore Wind Farm to the south of Triton Knoll, Ordtek will now apply its expertise to the site of the 857 megawatt (MW)¹ wind farm, to be built off the coast of Lincolnshire.

To date, Norfolk-based Ordtek has provided desk-based research including studying the military history of the area for naval conflicts, aerial bombing and munition dumping sites. It has also completed a geophysical data interpretation of the 145km² sea bed area to identify the targets which have the greatest probability of being UXO, such as unexploded bombs, mines and munitions. These targets will be investigated and cleared by UK-based James Fisher Marine Services (JFMS), with Ordtek continuing to provide expert consultancy services throughout.

Lee Gooderham, Director at Ordtek, said: "This is an extremely complex project as the area we are investigating is a site bigger than the city of Manchester². Together with Triton Knoll we are using the latest techniques and expertise to identify any obstructions on the seabed which have the potential to be wartime UXO and allow the construction to be planned to avoid or mitigate these threats."

Located 32km off the Lincolnshire coast, Triton Knoll is the largest offshore wind farm currently in construction by innogy. It will consist of 90 of the world's most powerful turbines, two substations and over 100km cabling. Once fully operational, it will be capable of generating enough renewable energy for the equivalent of 800,000¹ typical UK households.

Lee Gooderham added: "We are really pleased to be working with innogy again. Its commitment to investigating, identifying and disposing of these potential risks shows extreme diligence. It is another example of how our expertise can be used to support renewable energy developers in the safe and efficient construction of offshore wind farms."

Julian Garnsey, Project Director for Triton Knoll and innogy, said: "I'm very pleased to be able to welcome Ordtek on to the Triton Knoll project, as we continue to gear up for offshore construction in early 2020. Successful offshore site clearance is very important to our being able to deliver this nationally significant infrastructure project safely, and on time. It's therefore great to see that a regional company is at the heart of this work and able to demonstrate the kind of expertise that makes the UK a world leader in offshore wind delivery."

Further to the publication of the Offshore Sector Deal between the industry and government, the contract between innogy and Ordtek is further evidence of how UK-based companies are working in partnership to deploy their expertise and play a key role in the delivery of renewable energy-based investment and growth for coastal communities and businesses.

-ENDS-

For more media information please contact Dawn Humphreys or Peter Treglown at FOUR Agency on 01603 627294

Footnotes

(1) Energy Generation

It is estimated that the average annual generation expected at the site could be equivalent to the approximate domestic needs of an expected minimum of 800,000 average UK households.

Energy predicted to be generated by the proposal is derived using wind speeds monitored in the local area and correlated with long term reference data. The energy capture predicted and hence derived homes equivalent figure may change as further data are gathered.

Equivalent homes supplied is based on an annual electricity consumption per home of 4100 kWh. This figure is supported by recent domestic electricity consumption data available from The Digest of UK Energy Statistics and household figures from the UK National Statistics Authority."

(2) – Figure is based on the Manchester primary urban area being calculated as 116km²

Notes to Editors

About Ordtek

Ordtek provides Unexploded Ordnance (UXO) Risk Management Consultancy to both land and marine developments. Its proprietary approach to addressing UXO risk employs an intelligent blend of risk management and geoscience techniques to assess and mitigate the risks posed to developments. The expert team's intrinsic understanding of how UXO interacts with the natural and manmade environment is crucial to ensuring that this risk is managed pragmatically, safely and at best value to both land-based and maritime developments.

www.ordtek.com

About innogy SE

innogy SE is a leading German energy company, with revenue of around €37 billion (2018) and around 43,000 employees. With its three business segments Renewables, Grid & Infrastructure and Retail, innogy addresses the requirements of a modern, decarbonised, decentralised and digital energy world. Its activities focus on its about 22 million customers, and on offering them innovative and sustainable products and services which enable them to use energy more efficiently and improve their quality of life. The key markets are Germany, the United Kingdom, the Netherlands and Belgium, as well as several countries in Central Eastern and South Eastern Europe, especially the Czech Republic, Hungary and Poland. In renewable power generation, the company is also active in other regions, e.g. Spain, Italy and the USA, with a total capacity of 4.0 gigawatts. As a leader of innovation in future-oriented fields like eMobility, we are represented in the international hot-spots of the technology industry such as Silicon Valley, Tel Aviv and Berlin. We combine the extensive expertise of our energy technicians and engineers with digital technology partners, from start-ups to major corporates.