

# CASE HISTORY

## NnG Wind Farm

### Project Description

The Neart na Gaoithe (NnG) Offshore Wind Farm is a 450MW development located in the North Sea, 15km off the Fife Coast, Scotland and covers an area of 105km<sup>2</sup>. Water depths across the Offshore Site generally range from 40 to 60m LAT.

The Foundations for each Wind Turbine Generator (WTG) and two Offshore Substation Modules (OSS) are steel jackets supported on piles. The number of WTGs is currently 54 No. 8MW turbines and an additional 2 No. OSS topsides jackets. Each jacket has 3 No. piles.

### Our Scope

Solstad Omega engaged Sealand Projects to provide Field and Mobilisation support for multiple trips. Technical support included:

#### Pre-Jacket Installation Activities:

- Pre-Jacket Installation Seabed Survey Reports
- Pile Cleaning Operation Reports

#### Post-Jacket Installation Activities:

- Jacket-to-Pile Grouting Operations
- Seabed Survey Report (As left)

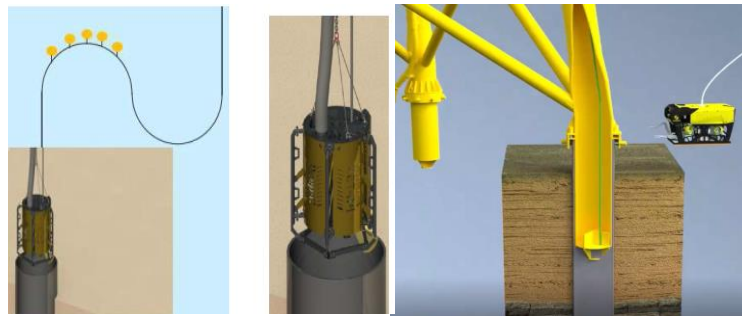
### Deliverables

#### Mobilisation Support

- Step by step Mobilisation activities
- Deck Plan
- Quayside Layouts
- Lift Plans
- Equipment Lists
- HIRA workshops

#### Field Support

- Shift Plans
- DPR
- Engineering Logs
- Site based documents – task plans, MoC etc.
- Monitor scope execution and assist client/OCM



### Key Facts

<b>Client:</b>	Solstad / Omega
<b>Location:</b>	North Sea (U.K)
<b>Water Depth:</b>	40-60m
<b>Date:</b>	June 2023
<b>Project Reference:</b>	P0838

### Services Provided

- Package Management
- Business Assurance
- Carbon Management
- Energy Transition
- Engineering Design and Analysis
- Marshalling, Transport, Installation and Field Support
- Floating Systems, Towing, Mooring and Hook-Up
- Visualisation and Digitalisation

### For more information:

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