

# Case History

## MSS Floating Wind Support



### Project Description

MSS are actively pursuing opportunities in floating offshore wind space.

This work is supporting demo projects that are maturing the Technology Readiness Levels in anticipation of securing funding to progress through demo stages and require support for EPCI and O&M development.

Sealand provided technical support in the pursuit plan for four different projects in France, UK and South Korea.

### Services Provided



Package Management



Business Assurance



Carbon Management



Energy Transition



Engineering Design & Analysis



Marshalling, Transport, Installation & Field Support



Floating systems, Towing, Mooring & Hook-up



Visualisation and Digitalisation

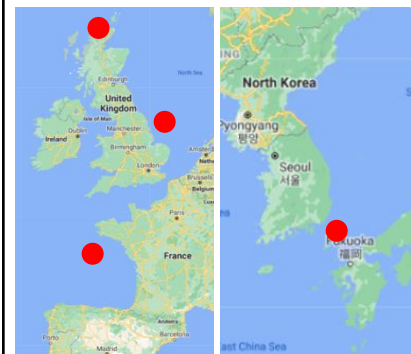
### Key Facts

**Client:** MSS/Shell

**Location:** Brittany (France), Blyth (UK), Pentland (UK), South Korea

**Dates:** 12/20 – 01/21

**Project Reference –** P0551



### Our Scope

#### Britanny A05

- Floating support structure EPCI
- Station keeping System
- Marshalling
- Design feasibility in shallow environments

#### Blyth

- O&M development
- Ports and Facilities screening
- Harbour marshalling
- Design feasibility in shallow environments

#### Pentland

- Transport and installation
- Ports and facilities screening
- Mooring design
- Foundation design

#### South Korea

- EPCI
- Mooring Development
- Towing Analysis



### Deliverables

- Mooring topside connection
- Hook up Design
- Schedule and Budget Costing
- O&M and field life assessment
- Port Screening
- Technology Readiness Assessments



Oil & Gas



Ocean Systems



Pathway to Net Zero