



Procurement & the Local Supply Chain – the UK perspective

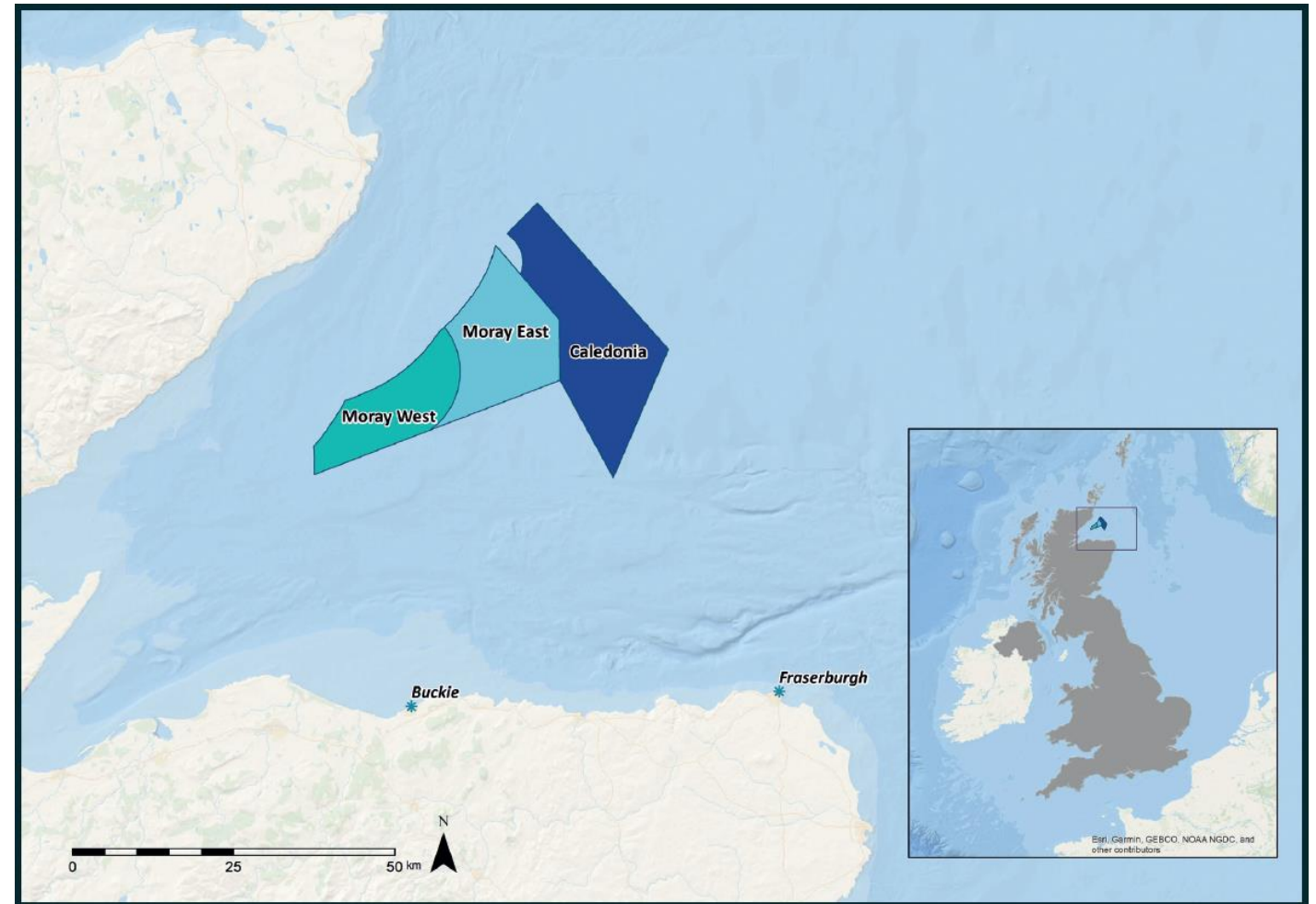
Peter Haughie, Head of Commercial

OW's UK projects

Moray East 950MW – In Operation
(Generation commenced 2021)

Moray West 860MW – Under
Construction
(Generation expected 2024/25)

Caledonia ca. 1000MW – Under
Development
(Site awarded Jan 2022)



950MW Moray East Project Overview



Offshore Substation Platform
Foundation x 3



Wind Turbine Jacket Foundation:
• 100 WTG Foundations

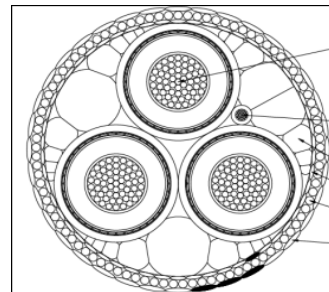
MORAY EAST OFFSHORE WINDFARM



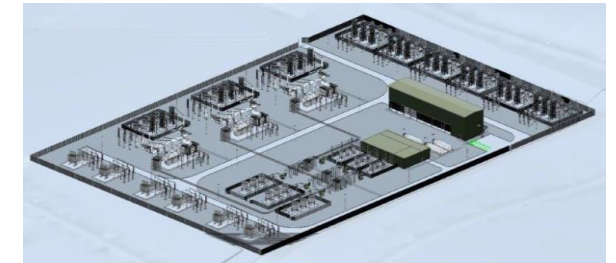
WTG Model: MHI Vestas V164-9.5MW
• No. Of Turbines: 100



x3 Offshore Substation Platforms



- 170 km subsea inter-array cables (66 kV)
- 2x OSP interconnecting cables



Onshore Substation:

- ~8 hectares
- 3 Super Grid Transformers

Moray West Tier 1 construction procurement



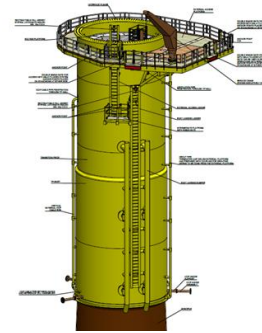
- 2 Offshore Substation Platforms

- Siemens Gamesa Renewable Energy (SGRE)
 - 60-65 WTGs



- Export cabling (220kV and 400kV)
- Inter array cable supply and installation being finalised

Onshore Substation



- Transition pieces

- Monopiles



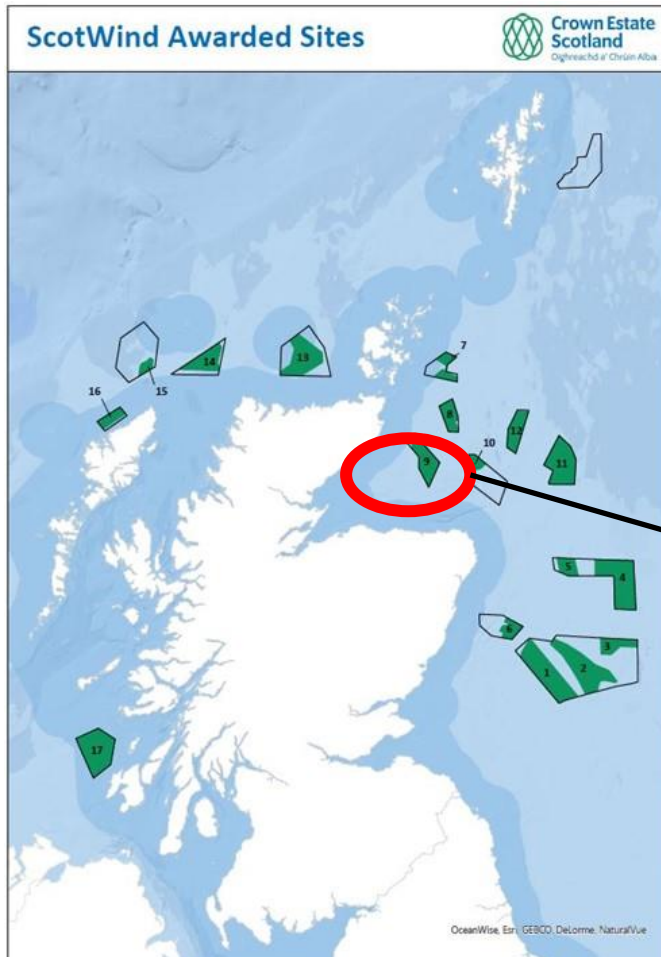
- Transport and Installation contracted by project
Image © BVGA

- Port contracted by project

Generic port image © University of Delaware

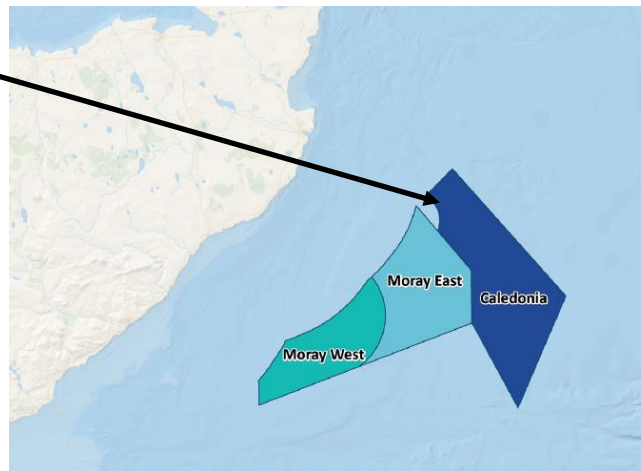


Caledonia Project Overview



Key information

- ❑ ScotWind's 17 sites, 25GW awarded
- ❑ Ocean Winds secure 'Caledonia',
- ❑ >1GW capacity; primarily fixed-bottom deploying proven technology
- ❑ Targeting pre-2030 deployment



Procurement Process

Development Phase

- Direct procurement

Construction Phase

- Most procurement through Tier 1 Packages

- Some direct procurement

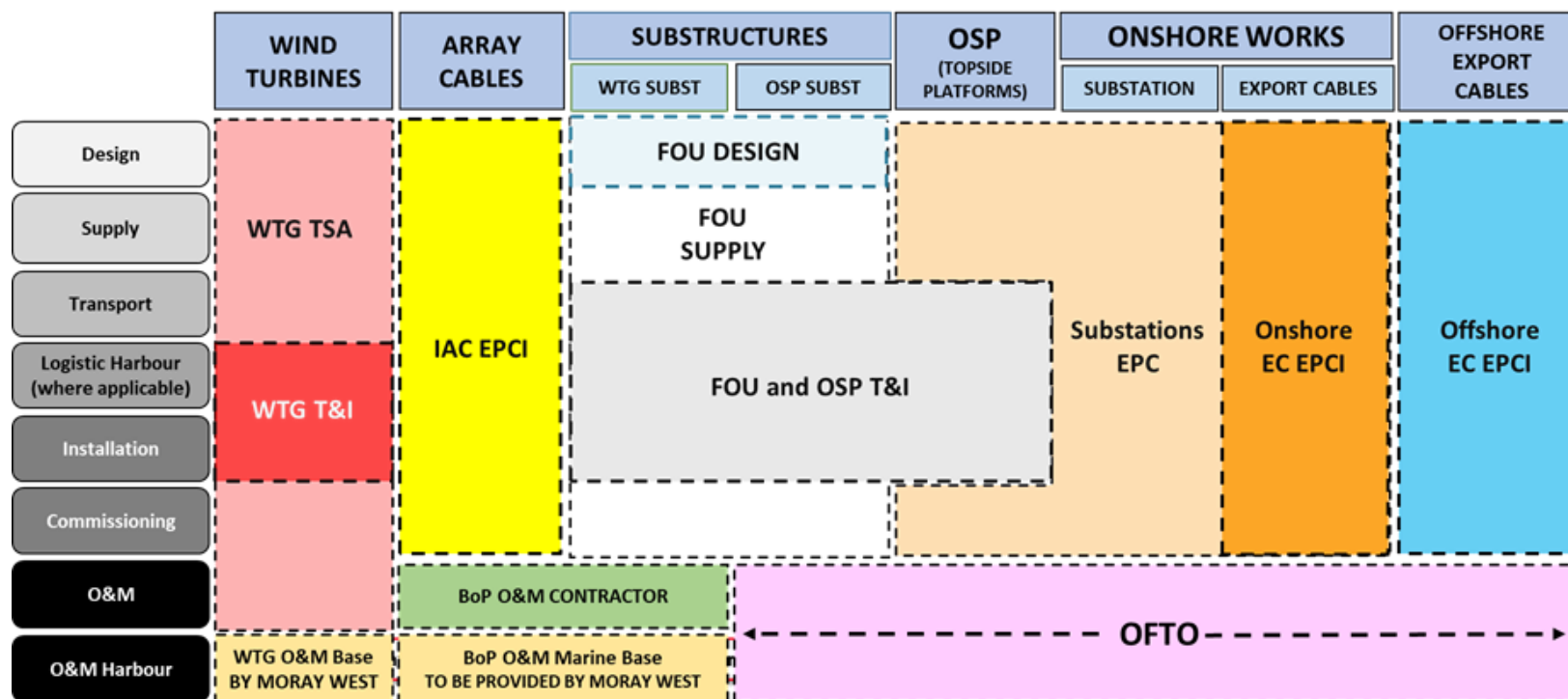
Operations & Maintenance Phase



**Overview by
Project Phase**

Procurement Process

Construction Phase Tier 1 Contracting Strategy



Challenges in creating local content

- Capability
- Capacity
- Track record
- Experience in tendering & contracting
- Cost competitive
- CfD process rewards lowest cost of energy
- Timing of supply chain investments



Creating local content in the UK


- Industry Council (OWIC) link with government
- 'Clusters'
- Open access portal for procurement opportunities
- Supplier registration and database
- Offshore Wind Growth Partnership
- Fit4Offshore – accreditation



Creating local content through increased visibility

Construction Phase Tier 2/3 Contracting Strategy

- Early engagement with lower tier supply chain
- Tier 1s review OW supplier database.
- Tier 1s at Meet the Buyer events .



**Tier 2/3
Contracting
Strategy**



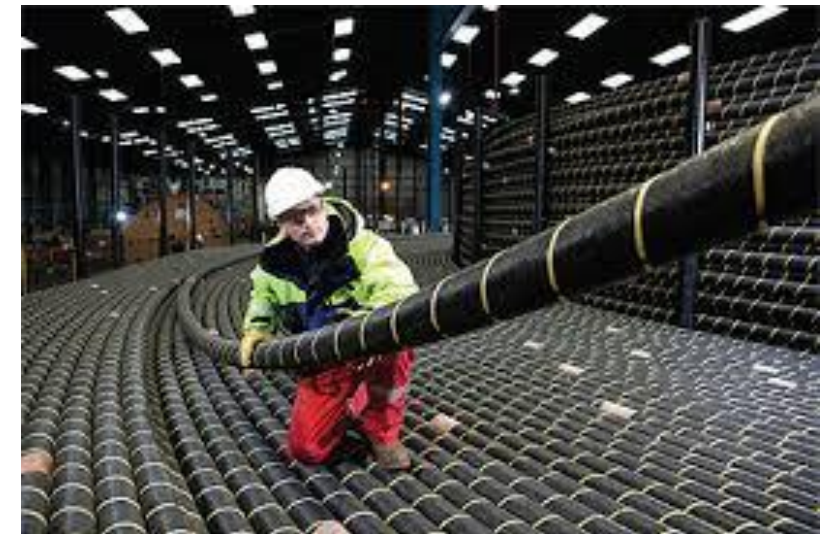
Supply Chain Case Study

Tele-Fonika Kable/JDR on Moray East

Inter array cables for Moray East



- Early MoU
- Collaboration on 66kV cable
- Opportunities with Moray West
- New UK investment



Accessing the OW supply chain

- Most procurement is through Tier 1s
- Register on <https://www.oceanwinds.com/suppliers/>
- Trade events

Accessing innovation

How does OW connect with great ideas

- OW Innovation unit
- Sector supported innovation programmes
- Trade bodies & clusters
- Supplier database

Let's cOWrite the future of energy

Any Questions?