



Joint Scottish Clusters Webinar

Moray West Procurement

27<sup>th</sup> August



## Project Procurement and the Supply Chain

DeepWind Webinar

27<sup>th</sup> August 2020

## 10:00-11:15

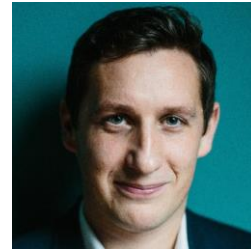
- Summary of Moray West
- View from the Project Director
- Procurement strategy, process and timetable
- Supply chain case study
- Plenary Q&A
- Close plenary

## 11:30-12:00

- Package break-out groups **on Teams**
  - A - Onshore transmission infrastructure
  - B - Offshore related construction
  - C - O&M

# Moray West - your presenters this morning

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- Adam Morrison, Project Director
  - Roger McMichael, Stakeholder Manager
  - Peter Haughie, Procurement
  - James Grant, OFTO Manager
  - Jamie Dempster, Engineering and O&M Manager
  - Chris McKeown, Transmission Infrastructure Package Manager
  - Yasmin McMaster, Procurement





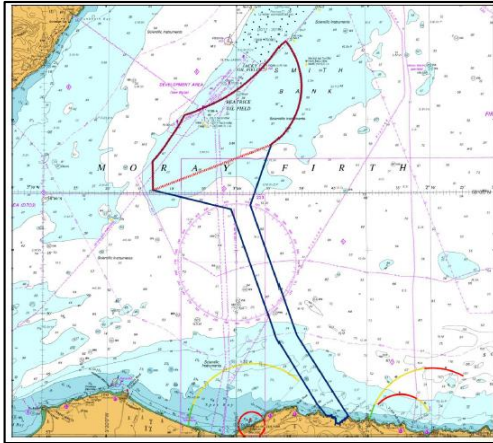
# Project Summary

Roger McMichael, Stakeholder Manager

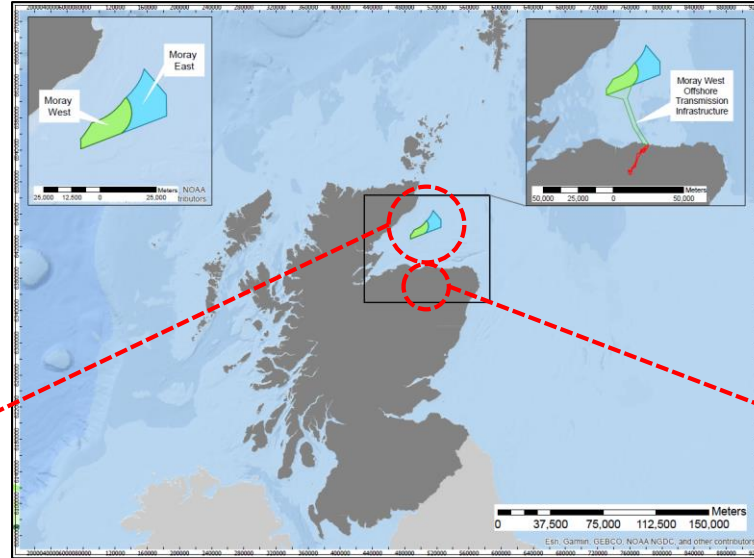
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# Moray West Introduction

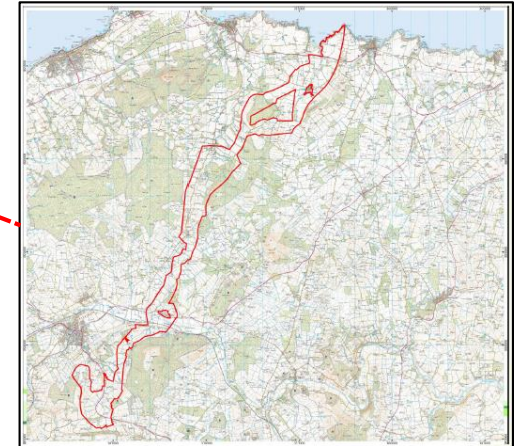
## Project Overview



- 225km<sup>2</sup> offshore wind farm site area. 22.5km from nearest point of shore.
- Offshore wind farm site is in 35m-54m water depths.
- Offshore export cable route of approximately 50km.



- Key project in Ocean Winds (EDPR/ENGIE joint venture) portfolio.
- Western part of the Moray Firth UK “Round 3” zone, awarded in 2010.
- In active development since 2017:
  - Onshore planning permission granted in 2018.
  - Offshore consents awarded in 2019.
- Preparing for next CfD auction, expected in 2021.



- Grid connection capacity of 860MW.
- Onshore cable route of approximately 30km in total (220kV and 400kV sections).
- 400kV grid connection at Blackhillock, the largest substation in the UK.

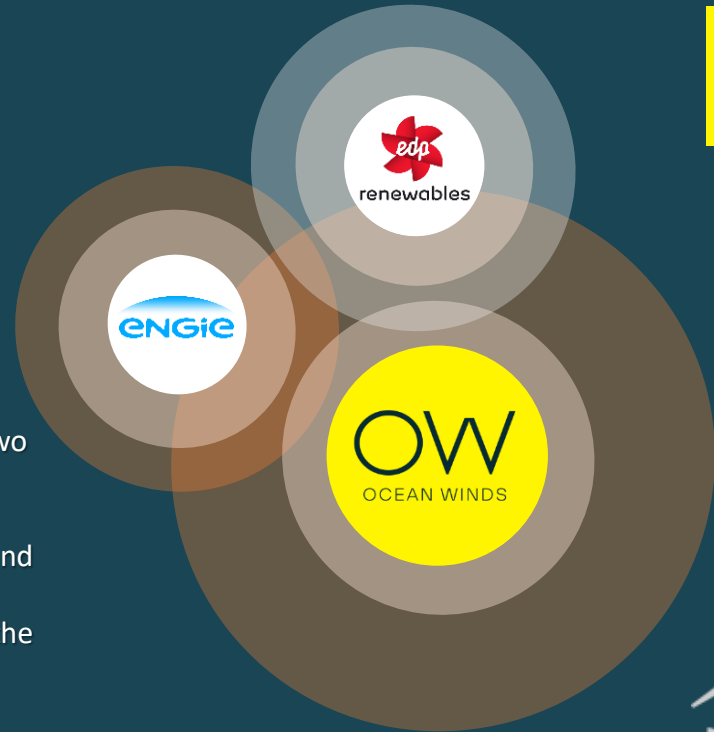
# WHO WE ARE

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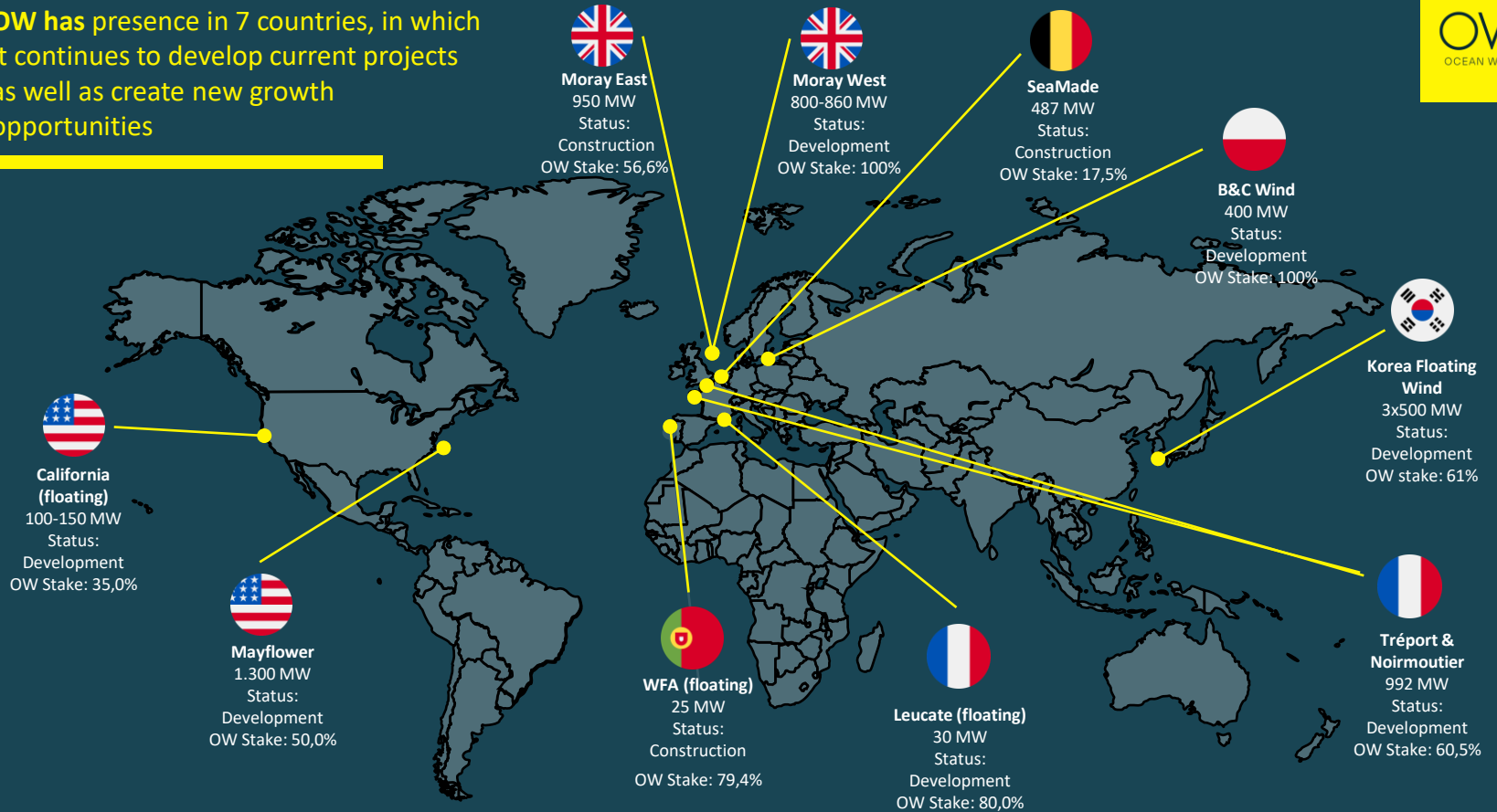
**Ocean Winds ( OW )** is the result of a Joint Venture between two of the biggest players in Energy:

- **Engie**, French multinational energy and services company and global leader of zero-carbon transition and
- **EDPR**, global leader in the renewable energy sector and the world's fourth-largest wind energy producer

Born to lead the **Offshore Wind Energy Business**.



OW has presence in 7 countries, in which it continues to develop current projects as well as create new growth opportunities







# View from the Project Director

Discussion between Adam Morrison and Claire Mack, CEO of Scottish Renewables

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# Procurement and the Local Supply Chain

Peter Haughie, Procurement

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# Procurement Process

## Overview by Project Phase

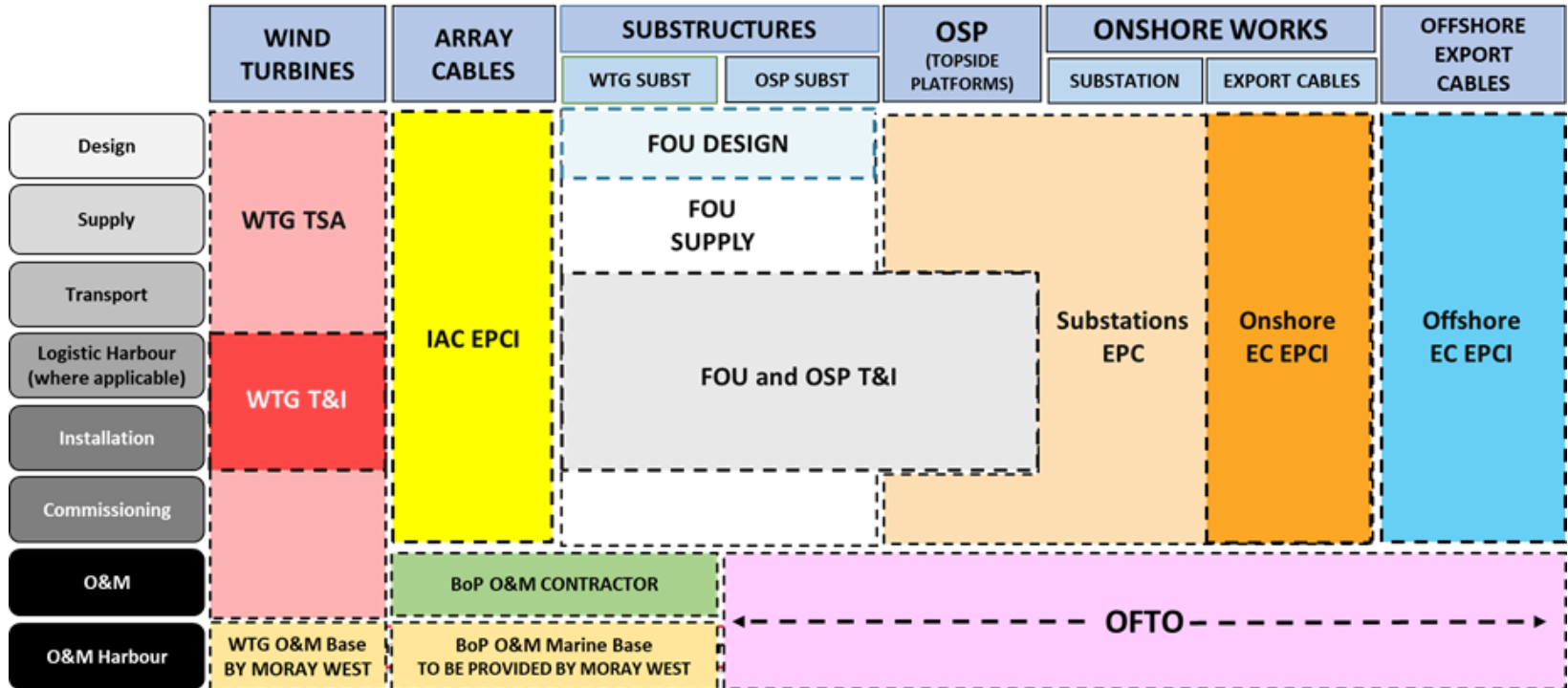
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- Development Phase
- Construction Phase
  - Following Tier 1 Packages to be tendered by Project:
    - Wind Turbines
    - Substructures
    - Substations - Onshore and Offshore Substations
    - T&I
    - Offshore Export Cable
    - Onshore Export Cable
    - Array Cables
    - Ports & Harbours –O&M and intermediate staging ports
  - Each package is being competitively tendered during 2020 and 2021.
  - In addition, various construction management services will be contracted directly.
- Operations & Maintenance Phase



# Procurement Process

## Construction Phase Tier 1 Contracting Strategy



# Links with Supply Chain

- DeepWind role and other UK clusters
- Planned activity through DeepWind
  - FOW sub group
  - Tier 1 engagement
- Open4Business <https://www.o4b-highlandsandislands.com/>
- Supplier databases
  - Project website [www.moraywest.com/supply-chain/supply-chain-registration](http://www.moraywest.com/supply-chain/supply-chain-registration)
  - Scottish Industry Directory [osw.directories.scot/](http://osw.directories.scot/)
  - Forth & Tay cluster
  - DeepWind membership
- Offshore Wind Growth Partnership funding <https://owgp.org.uk/new-opportunities-launched/>



# Timetable and Visibility

## Construction Phase Tier 2/3 contracting

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- Early engagement is sought by the Project with lower tier supply chain to ensure that opportunities for local content are realised.
- Tier 1 procurement is expected to be concluded during 2020 and first half of 2021
- Construction phase tier 2 and 3 supply chain should make us aware of capabilities for main subcontracted scopes. The details of interested parties will be shared with tier 1 contractors.





# Supply Chain Case Study

Richard Stott, MD of Nicol Of Skene

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Moray East Offshore Windfarm Project

Horizontal Directional Drilling





# The Project

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Nicol of Skene were appointed as a sub-contractor by VolkerInfracore to carry out Directional Drilling works as part of the Moray East Windfarm Project.

- **Project Duration**

Nicol of Skene's Directional Drilling works lasted approx. 1.5 years



# The Project

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## Scope of Works – Directional Drilling

- Installation of over 17,500m of ducts throughout the project.
- 12 drilling sites with 3 circuits at each site location.
- 3 x 225mm ducts and 1 x 125mm duct installed for each circuit.
- Assisted with the design of HDD profiles.



# The Project

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# The Project

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## How did Nicol of Skene become involved in the project?

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- Advertisement of Experience and Services.
- Competency and Experience in HDD throughout Scotland.
- Attending 'Meet the Supplier' style meetings.
- Approaching VolkerInfra directly.



## The importance of the relationship with tier 1 contractors

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- Demonstration of capabilities and experience in HDD, Civil Engineering and Multi-Utilities.
- Introduction to new opportunities and works on different projects.
- Allows for challenges to be overcome and increases the rate of success on the project.



Thank you



# Plenary Q&A

Moderator – Roger McMichael

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