



## DeepWind – SOWEC Developers and Supply Chain

Inverness

17 November 2022

# Who we are?

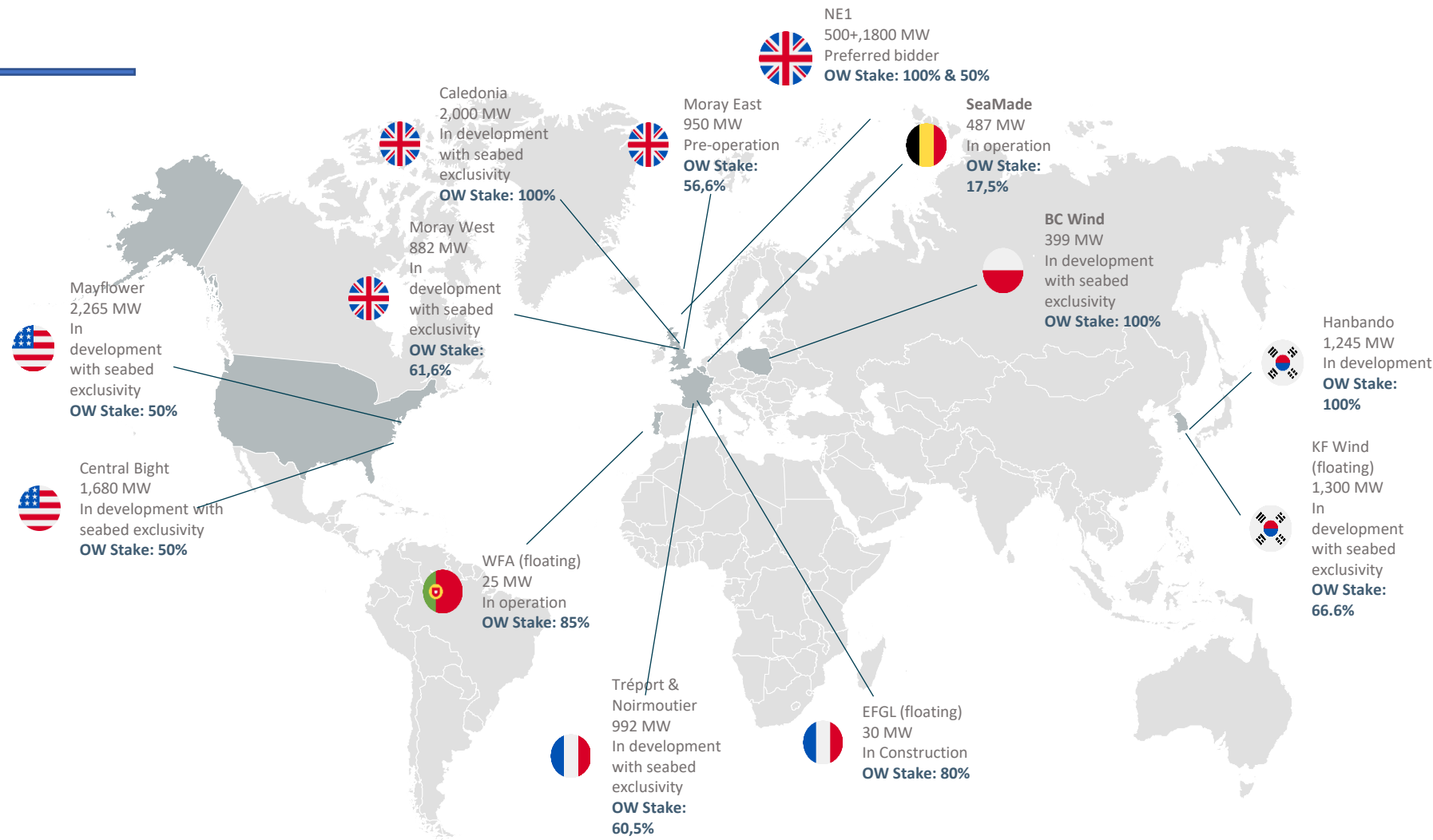
Ocean Winds ( OW ) is the result of a joint venture between two of the biggest players in energy:

- 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 with a 14.5GW portfolio.



# OW's Global Prescence



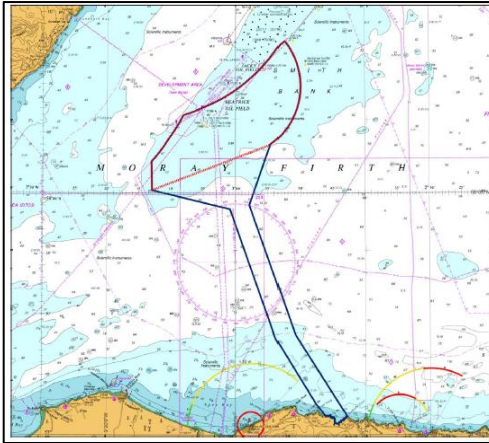


# Moray West Project Summary

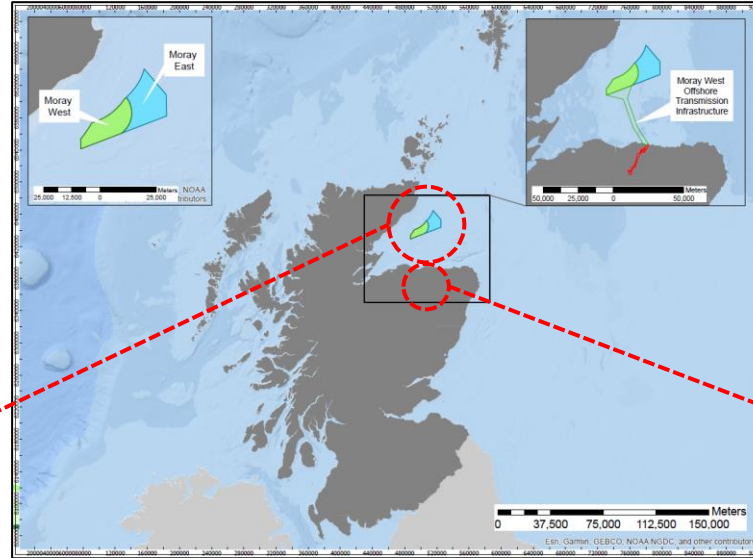
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# Moray West Introduction

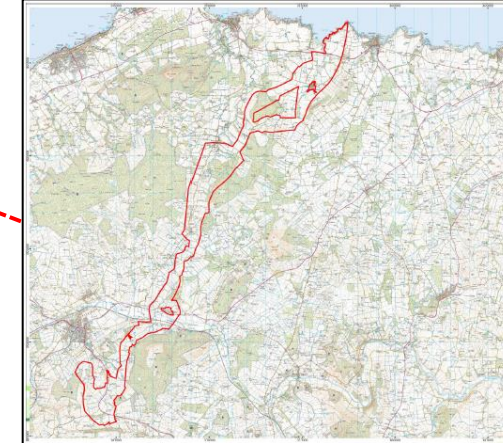
## Project Overview



- 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 portfolio.
- Western part of the Moray Firth UK "Round 3" zone, awarded in 2010.
- Consents secured 2019:
- CfD award in AR4
- Corporate PPA
- Approaching Financial Close



- Grid connection capacity of 860MW. Installed capacity 882MW from 60 WTG
- Onshore cable route of approximately 30km in total (220kV and 400kV sections).
- 400kV grid connection at Blackhillock, the largest substation in the UK.



# Moray West Programme

- March 2022 – Start construction onshore
- 2022-23 onshore works at Whitehillock substation site and along onshore transmission cable corridor
- Autumn 2023 - Start offshore installation works
- 2024 – Commissioning and first power
- 2025 – Final handover to operations team



# Moray West Direct Procurement



Largely complete for construction

- Marine construction support specialist services

Contract
Marine Base Civils/M+E Construction
Marine Base Forklift
Marine Base Lifting equipment/tools/slings and maintenance
Marine Base Waste disposal (oily waste/recycling/skips/general waste)
Marine Base CCTV system and security
CTV (Crew Transfer Vessel)
OSP Welfare Shelters and Ancilliaries
OSP Offshore Portable Toilets

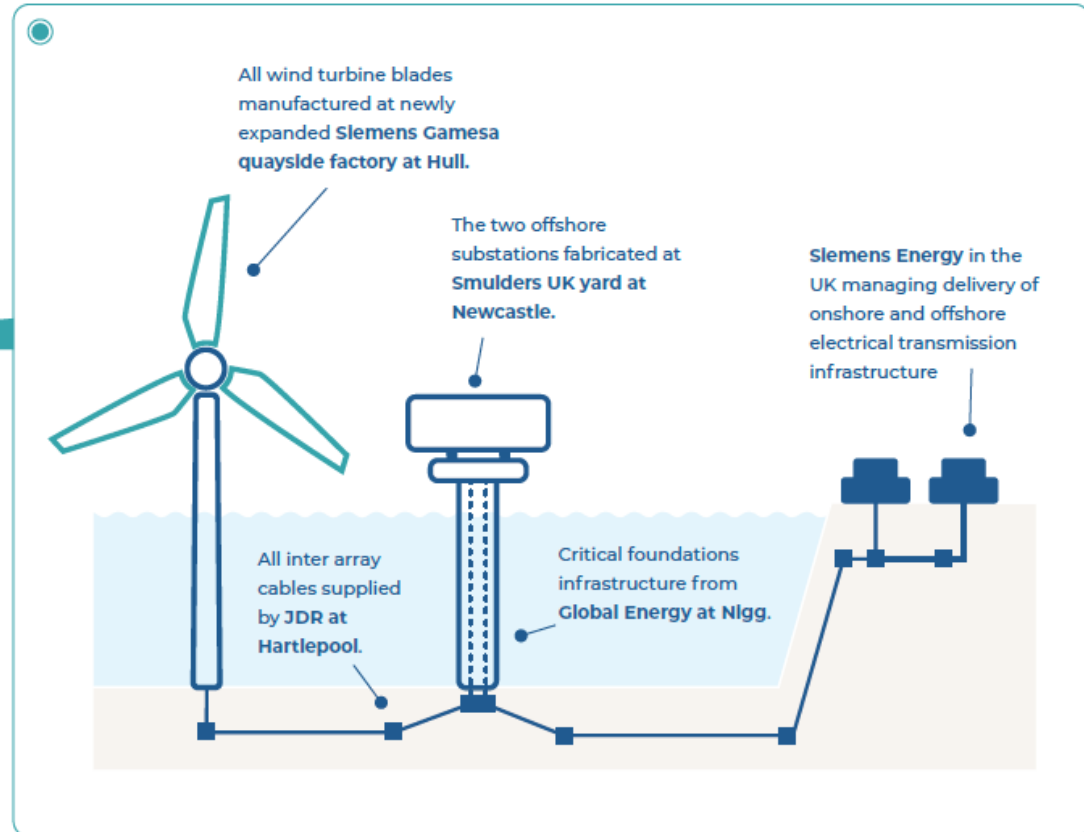


- O&M services in Buckie



## Moray West and major UK Supply Chain Successes

Through close collaboration with suppliers the Moray West Offshore Wind Farm is supporting key manufacturing and fabrication capacity in the UK, supporting investment and jobs at these facilities and the broader supply chain to these suppliers.



### BUCKIE

Buckie hosts construction management office and a new operations base creating new long-term jobs



### ABERDEEN

Seaway 7 office in Aberdeen managing installation of inter array cables.



### EDINBURGH

Ocean Winds development and project management office



# Procurement process

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# Procurement Process

## Overview by Project Phase

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- Development Phase – surveys, consenting, engineering
  - Directly contracted by Moray West (and other projects)
- Construction Phase
  - ~8 main Tier 1 contracts,
    - Siemens Gamesa for WTG
    - Nexans export cables (onshore and offshore)
    - Siemens Energy (& Iemants) – substations
    - Seaway7 with JDR IAC cables
  - Testing use of OGA Energy Pathfinder  
<https://www.ogauthority.co.uk/supply-chain/energy-pathfinder/>
- Operations & Maintenance Phase – procurement to start in early 2023

# Links with Supply Chain

- DeepWind role
- Activity through DeepWind includes
  - Tier 1 engagement through Meet the Buyer days for:
    - OSP topside fabrication
    - Onshore electrical infrastructure
    - Onshore substation civils
    - Marine cable scopes
    - Further events for offshore T&I support (late Jan '23) and O&M(late Feb '23).
- Supplier database used to inform initial tender lists
  - Project website [www.moraywest.com/supply-chain/supply-chain-registration](http://www.moraywest.com/supply-chain/supply-chain-registration)
  - DeepWind membership
- Funding & Support - Offshore Wind Growth Partnership funding <https://owgp.org.uk/new-opportunities-launched/> (CES, HIE, BEIS also have options)
  - Fit4Offshore programme





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