#### Coastal Engineering Day:

Ports: Essential for development of the Norwegian offshore wind industry

Trondheim, April 10th 2024



### Mother Company: Global Ocean Technology

Supplier of products, services and personnel to ocean-based industries







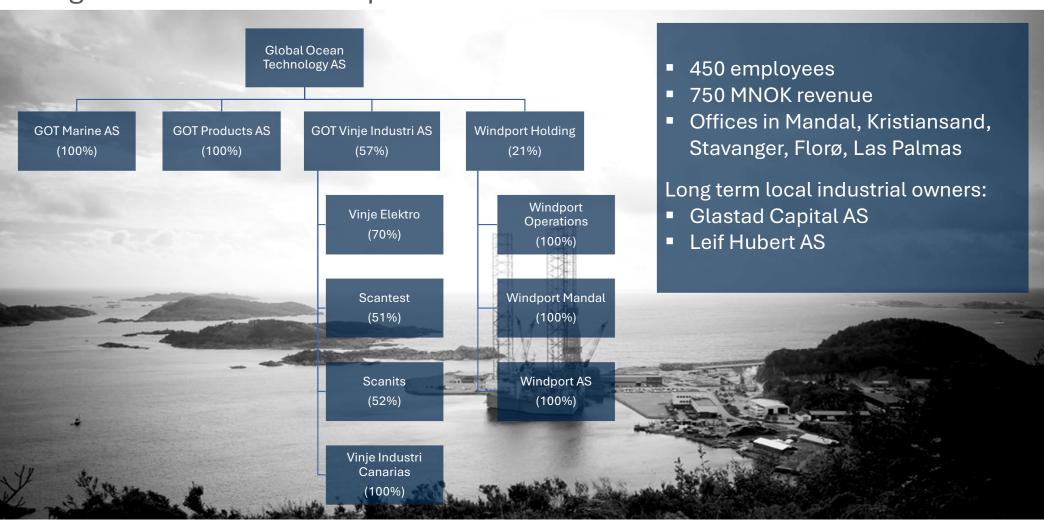


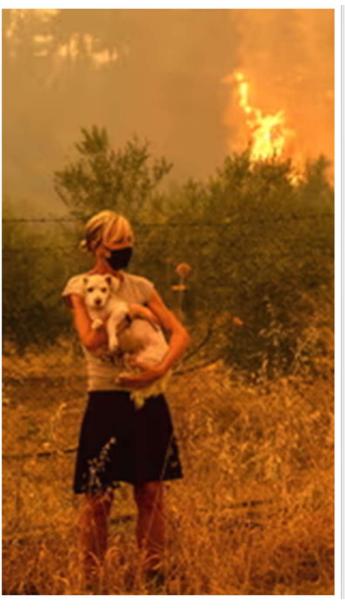
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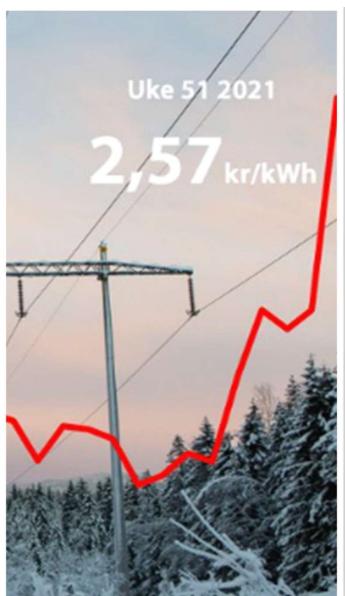


## Global Ocean Technology & Windport: Organisation & Ownership







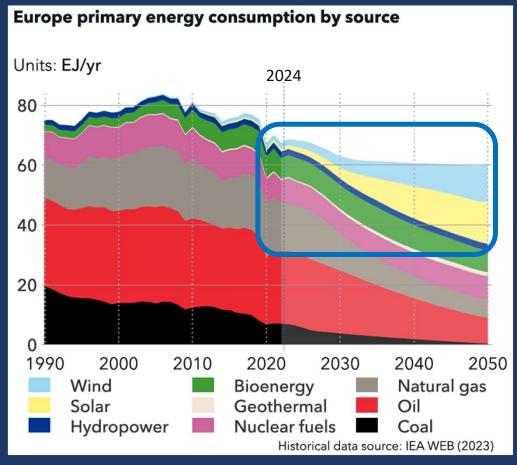




## WINdport

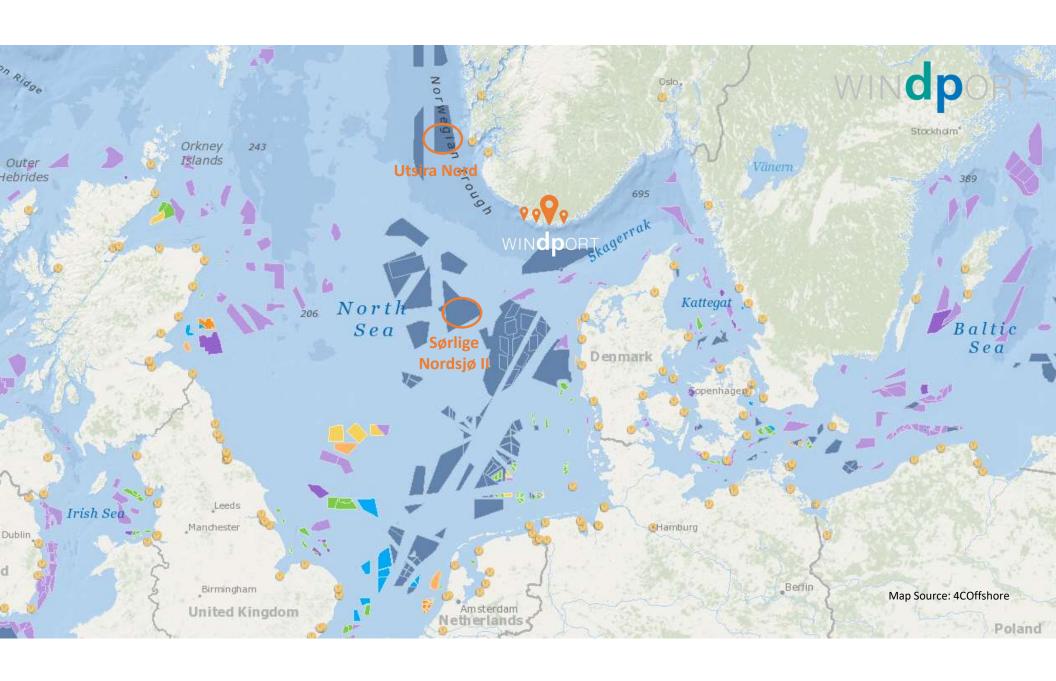
# The Energy Transition in Europe:

- ✓ It is speeding up
- ✓ Wind and sun energy will grow rapidly

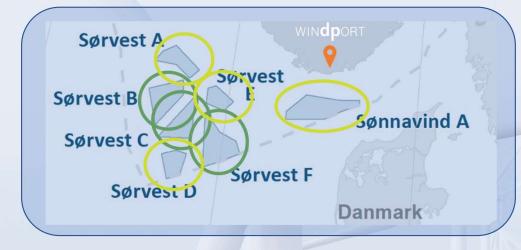


IEA = International Energy Agency



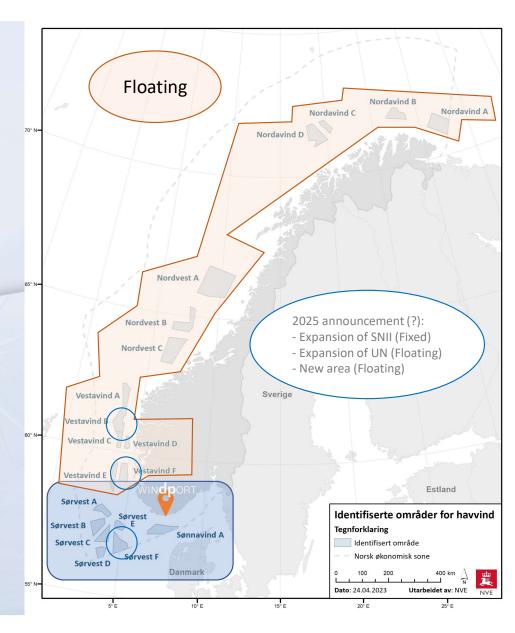


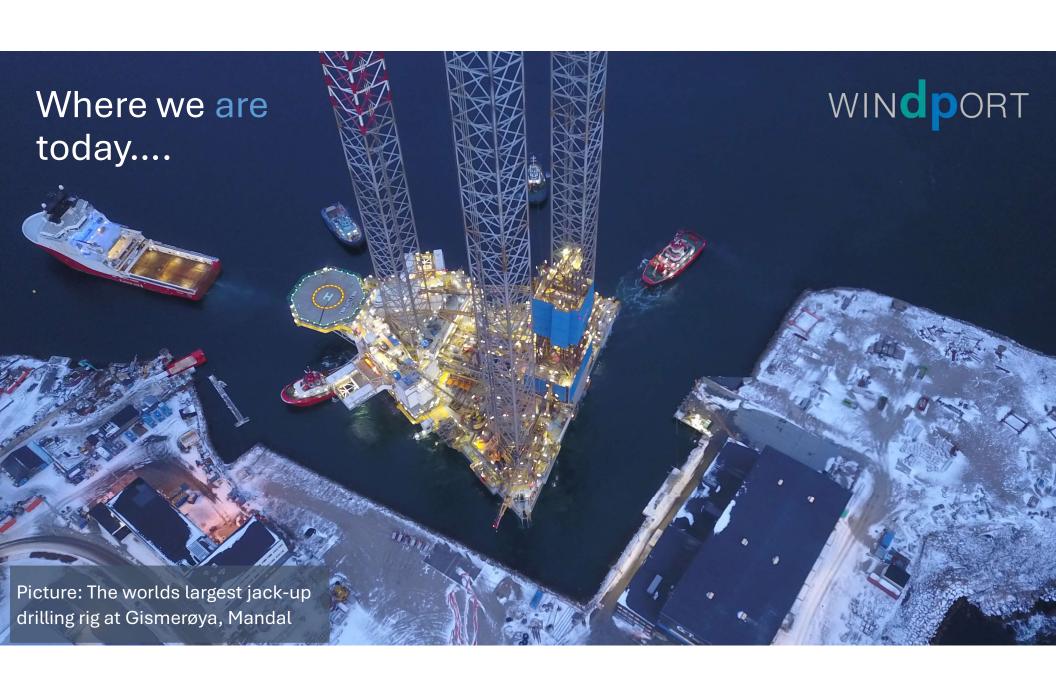
## Norway's ambitions: 30GW by 2040 New areas identified for offshore wind in Norway

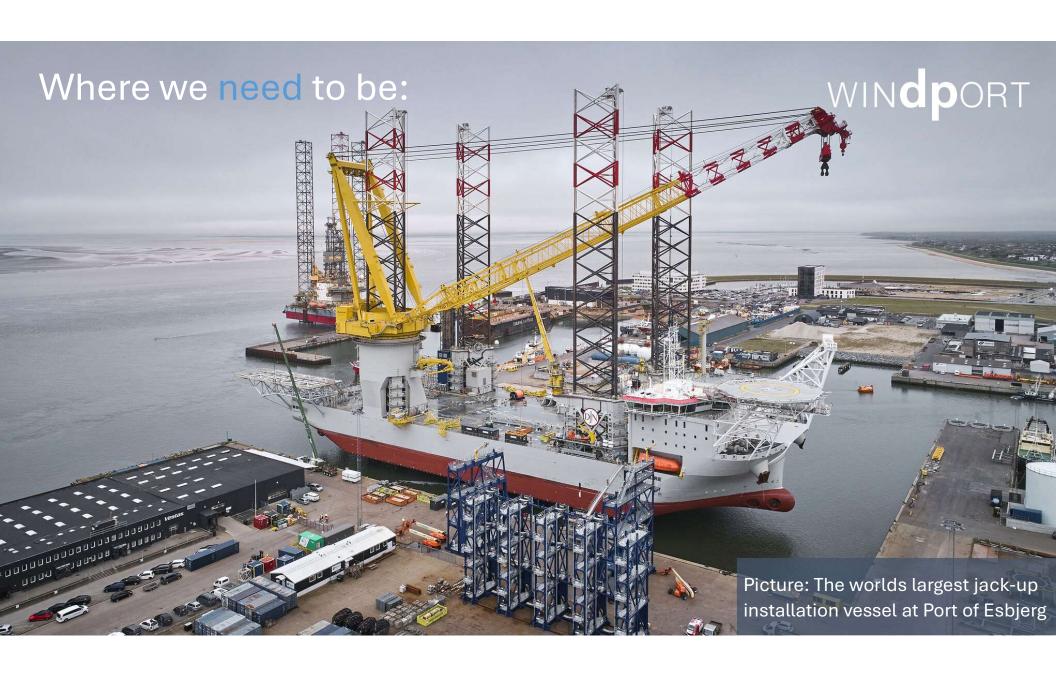


Fixed Fixed/Floating

WINdport







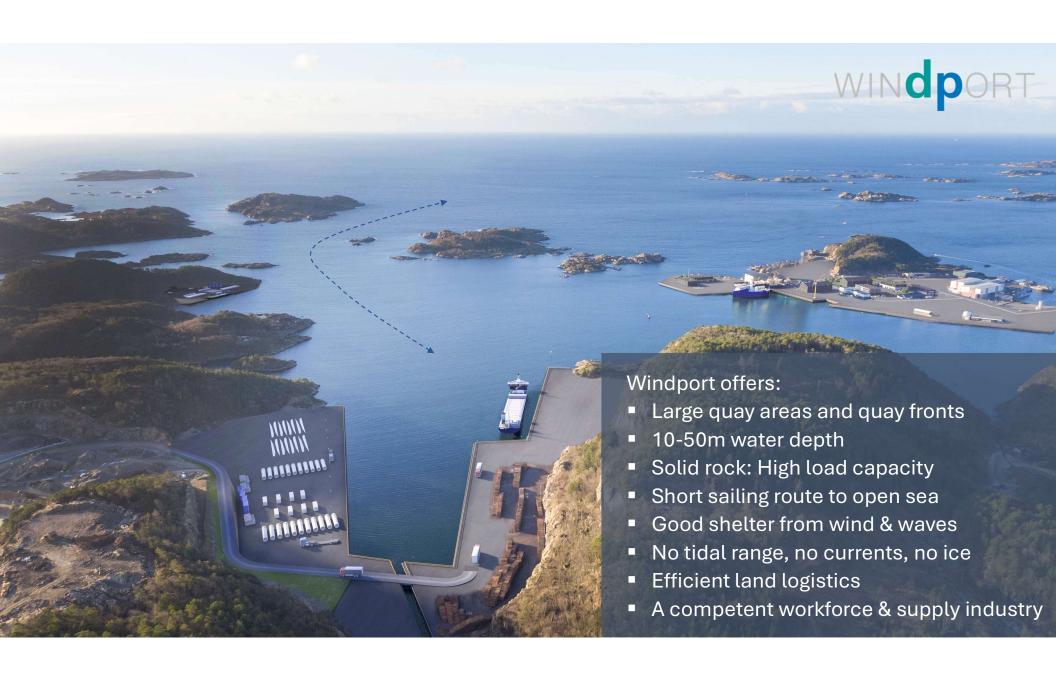




## WINdport

The Transition from Oil & Gas to Offshore Wind?

✓ We know what it takes!



### WINdport

### A world class competence and supply industry

- The very competent workforce and world leading supply industry are based on the long traditions in the maritime- and offshore oil and gas industries in the region.
- We have capabilities within:
  - Mechanical-, electrical-, engine disciplines
  - Inspection and surveys of lifting equipment
  - Rope access
  - Engineering, fabrication, project management
  - And more!
- HSE is our culture



Figure: Some services provided by Windport, GOT and local suppliers.

# What are the main offshore wind challenges & opportunities?

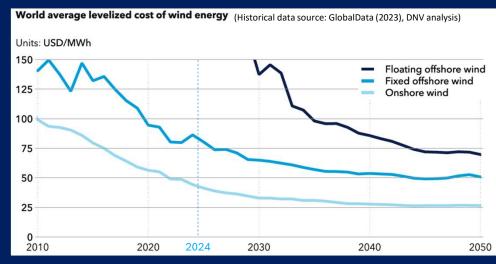
#### We must:

- ✓ Reduce the cost
- ✓ Reduce the environmental footprint
- Create positive ripple effects

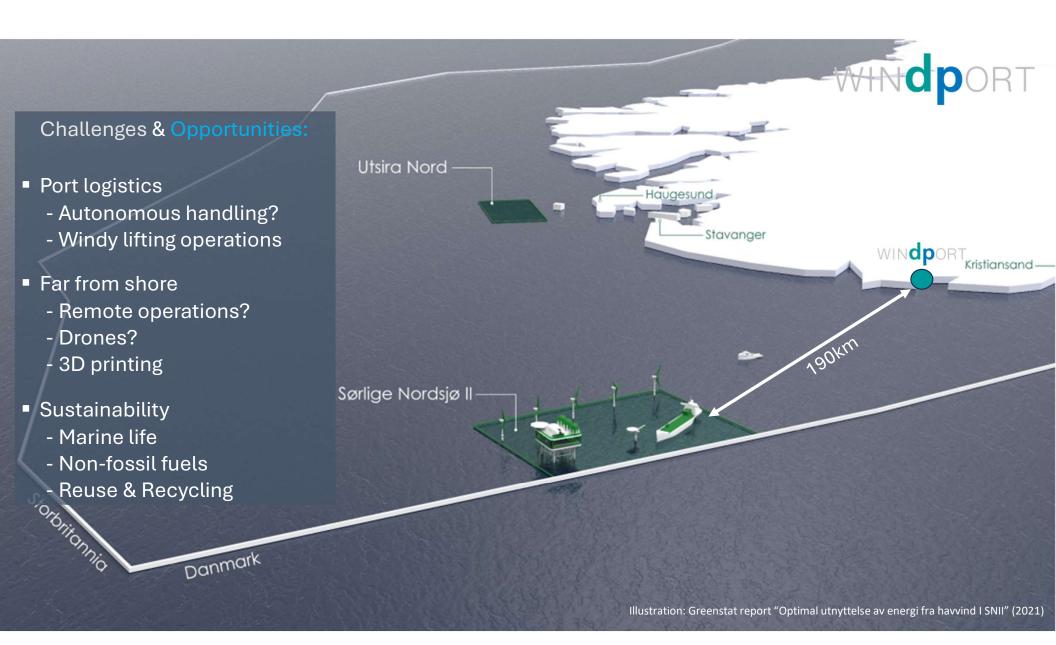
### How?

- ✓ Scaling up
- √ New technology
- ✓ Working smarter
- ✓ Collaboration

## WINdport

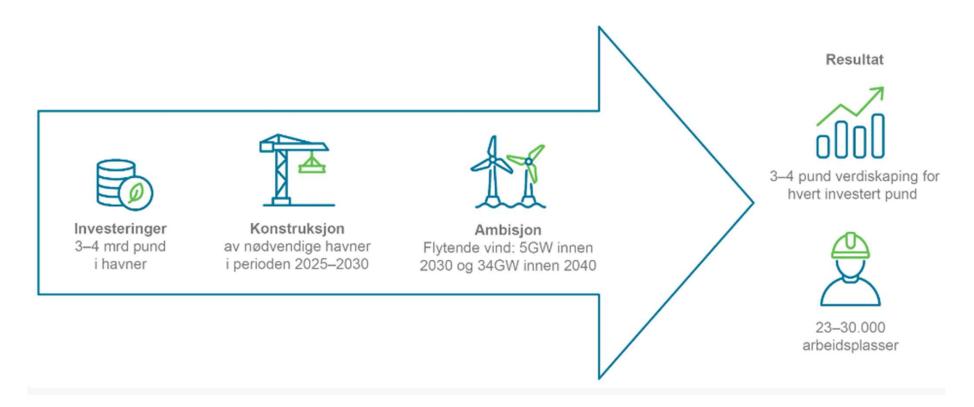




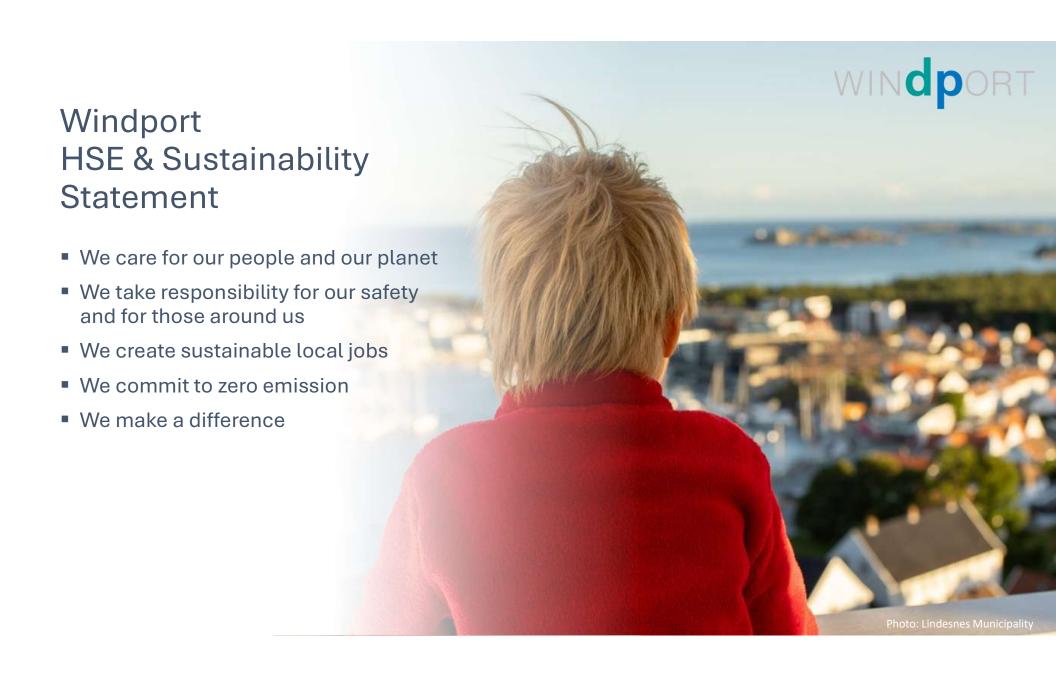


# Ports Generates jobs and income Example: Floating wind in the UK





Source: RenewabelsUK/Samarbeidsforum for Havvind



## Ports: Essential for development of the Norwegian offshore wind industry



- ✓ Shortage of port capacity in Europe: Need to develop Norwegian ports to meet demand
- ✓ Ports are hubs for establishment of supply industry
- ✓ Ports are hubs for development of new technology and sustainable solutions.
- ✓ Efficient port logistics key to cost- and time efficient project execution.
- ✓ Ports generate local jobs and income

