Ørsted Offshore overview
Global market leader in offshore wind with c.30 years of experience

Ørsted offshore wind global footprint

Unparalleled experience and track record

- 3.1 GW under construction
- 6.8 GW constructed capacity
- 14 million people with clean electricity
- 2,777 Dedicated employees
- ~ 1,500 turbines World’s leading operator
- 24 Partnerships

Note 1: In addition to these wind farms, Ørsted is constructing the 12MW Coastal Virginia demonstration project in the US on behalf of Dominion Energy
Offshore wind market on the East Coast
Potential for 25+ GW
At the forefront of making the industry cost competitive
Multiple levers to drive down cost in offshore wind

1. Ørsted selected GE Renewable Energy as the preferred turbine supplier for two of its US offshore wind farms which marks the world's first commercial deployment of GE’s Haliade-X 12MW offshore wind turbine

Rapid technological development
Wind turbine rotor diameter, year of commissioning

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Offshore Wind Power Plant Lifecycle

Marine Robotic Applications
Latest Ørsted application of marine robotics in the U.S.

ECO-PAM: Ecosystem and Passive Acoustic Monitoring Project
Advancing technology for protection and conservation of North Atlantic right whales

Slocum Glider

Rutgers:
• 2 years of Slocum Glider Missions
• Suite of passive acoustic and oceanographic sensors
• Includes VEMCO receivers (fish tag detection)
• Characterize habitat for NARWs and develop predictive models
• Contribute oceanographic measurements in real time to NOAA that improves real-time weather forecasts including major storm events
• Integration with Mysticetus and Whale Alert

WHOI DMON Buoy

WHOI:
• 2 near real time WHOI Buoys for 2 years (NJ and New England)
• Includes VEMCO receivers for detecting tagged fish
• R&D to advance sensor capability to be able to directionize on calls
• Integration with Mysticetus and Whale Alert

URI:
• 1 test buoy (Spring 2021)
• Designed by students in collaboration with researchers
• Will advance sensors capability to directionize on calls

*Devices are not to scale*
The Innovation Hub in Rhode Island will act as a bridge between Ørsted and the innovation ecosystem on the U.S. East Coast

• Established with the objective to identify, develop and where appropriate finance start-ups with a focus on next-generation technology and innovation within the OSW industry

• Will actively scout for innovation leads and new early stage suppliers and act as a bridge between Ørsted and innovative solutions from the external ecosystem

• Located in Rhode Island at the Providence CIC workspace; a location chosen to enable close contact with the innovation ecosystem on the U.S. East Coast, in particular related to blue tech

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Let’s create a world that runs entirely on green energy