PORTS AS KEY PLAYERS IN THE OFFSHORE WIND SUPPLY CHAIN

Wind '



THE EXPANSION OF OFFSHORE WIND IN EUROPE TO 2030

2022 6,000 turbines



2030 **** 16,000 turbines ****

Annual installations per sea basin



Source: WindEurope

WHAT THIS MEANS FOR PORTS

Average annual installations

15 GW

1,200 WT/year

Operation & Maintenance





150 GW 16,000 turbines





Floating turbine

assembly

700 MW 300 turbines

Decommissioning hydrogen



Renewable

20 +projects

THE ADVANTAGES OF LOCATING **ELECTROLYSERS IN PORTS:**

- Proximity to offshore wind farms and landing points;
- Presence of local and regional industrial clusters;
- Multiple opportunities for distribution and export; and
- Helps decarbonise other sectors.

INVESTMENT REQUIREMENTS

WITHOUT PROACTIVE INVESTMENTS IN PORTS, THE OFFSHORE WIND SECTOR WILL NOT BE ABLE TO MEET NATIONAL AND INTERNATIONAL TARGETS.

Money should go to port land expansion, reinforcing heavy-loading quaysides and deep-sea harbours, and carrying out other civil works.



at least 50 port facilities before 2030



To pay back the



bring massive savings for electricity consumers

More information in the report: A 2030 Vision for European Offshore Wind Ports: Future trends and opportunities.



Interested in joining the conversation?

Contact: Diana.Barrios@windeurope.org or visit windeurope.org/ports

PORTS PLATFORM STEERING COMMITTEE

