

**Ports Platform Members**

**Offshore wind farms & status:**

- Early stage
- Under permitting procedure
- With permit
- Under construction
- Online

Size of the wind farms is relative to capacity. Please visit WindEurope's Wind Farm Database in the Members' Area for detailed and up-to-date wind farm information.

**A platform for offshore wind**

The Ports Platform brings together ports with active operations and interests in offshore wind to share best practices and engage with industry and policy-makers. Through the ports platform, offshore wind ports share knowledge, align on communication priorities, and speak with one voice to key stakeholders.



# A VISION FOR EUROPEAN PORTS

Total installed offshore wind in Europe



**2020**  
28 GW  
6,000 turbines



**2025**  
49 GW  
8,000 turbines



**2030**  
70 GW  
10,000 turbines



Source: WindEurope

## PORTS SERVICES IN 2030

BY 2030, PORTS WILL NEED TO ANNUALLY SUPPORT:

O&M



70 GW  
10,000 turbines

Installations



7 GW  
460 turbines

Repowering



1 GW  
70 turbines

Decommissioning



750 MW  
600 turbines

Life Extension



1.5 GW  
500 turbines

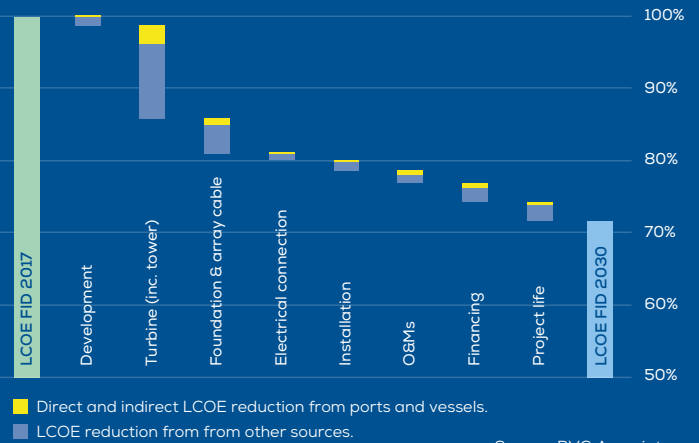
## PORTS' CONTRIBUTION TO LCOE REDUCTION

SAVINGS POTENTIAL FROM 2017 TO 2030

**\*5.3%** Total LCOE reduction  
1.8% Direct  
3.5% Indirect

\*The 5.3% LCOE saving is equivalent to what would be achieved by a project CAPEX reduction of €185,000/MW of new wind farm capacity.

### LCOE reduction potential



Source: BVG Associates

## INVESTMENT REQUIREMENTS

INVESTMENTS IN PORT INFRASTRUCTURE DRIVE COST REDUCTION IN OFFSHORE WIND



Ports will use this money for upgrading, redesigning and adapting existing facilities combined with new infrastructure



**€0.5 - €1bn**  
Investment

**10% - 20%**  
CAPEX saving

These investments would save the equivalent **CAPEX of €5.5bn** for 30 GW of new offshore installations.

