OFFSHORE WIND AND PORTS

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Wind *

windeurope.org

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Our members make wind energy work



Offshore Wind in Europe

28.4 GW Connected to the grid

13 Countries

5,795 Turbines

123 Wind Farms



Floating wind in Europe

113 MW in Europe

86% of global capacity

9.5 MW largest turbines operational

53% capacity factor*

*Hywind Scotland average for five years of operation

ROPE





With the revision of targets, governments pledge almost 160 GW of offshore wind by 2030



*Other includes countries with a cumulative share <5% of the European capacity in 2030

ΕU

ROPE

At least 10 GW of floating wind by 2030





*Unofficial/not set by law

Source: WindEurope news piece on floating wind

European offshore targets



EUROPE

*Numbers are rounded by author



Wind farm development takes time



Ports are key in the offshore wind supply chain



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More information: windeurope.org/report/ports2030

Turbines will continue to grow



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*Heights are indicative onl

More information: windeurope.org/report/ports2030



INVESTMENT REQUIREMENTS



facilities before 2030

5 years

To pay back the investments



Cost reduction

These investments will make offshore wind cheaper and bring massive savings for electricity consumers





THANK YOU

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