

Global Offshore Wind & Vessels

Presented by: David Matthews, Head of Strategy, Clarksons Renewables

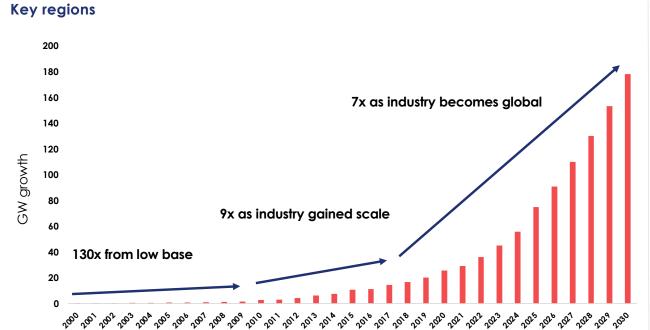
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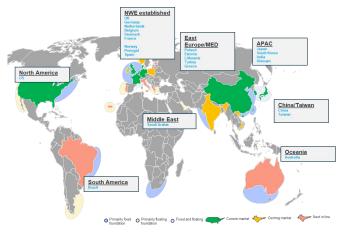
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Marine Money Conference, Hamburg, 15th Feb 2023

The offshore wind industry is maturing and going global

Global offshore wind growth (Ex China)



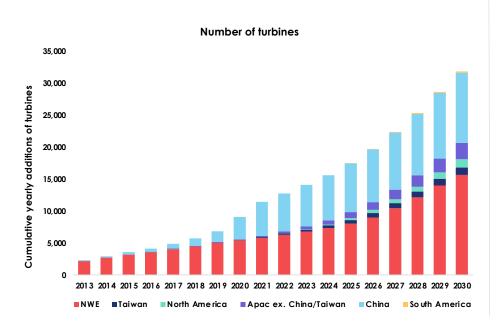




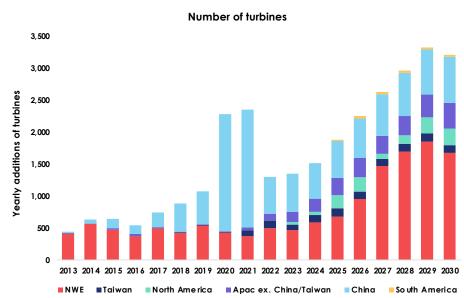
Steady additions of turbines annually post 2023

30,000 turbines active in 2030

Cumulative additions turbines offshore wind



Annual additions turbines offshore wind

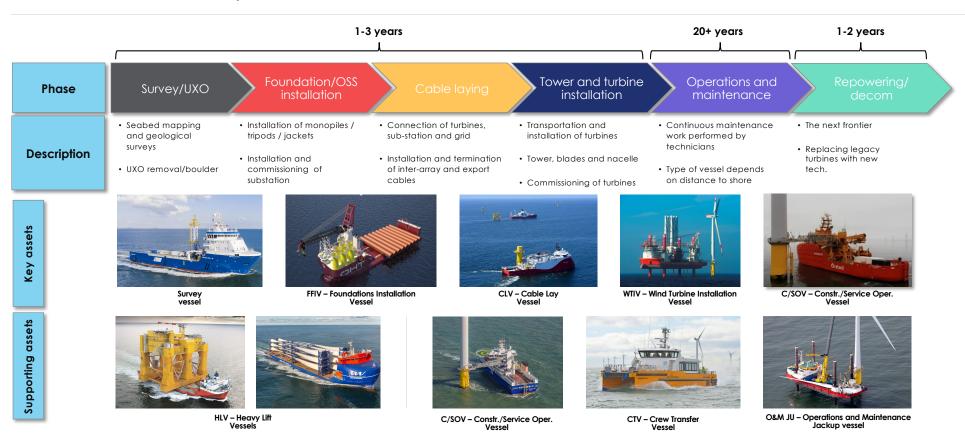


Source: Clarksons Research Services, Clarksons Platou Renewables



The offshore wind vessel supply chain

Wind farm installation, operation and maintenance for fixed foundation



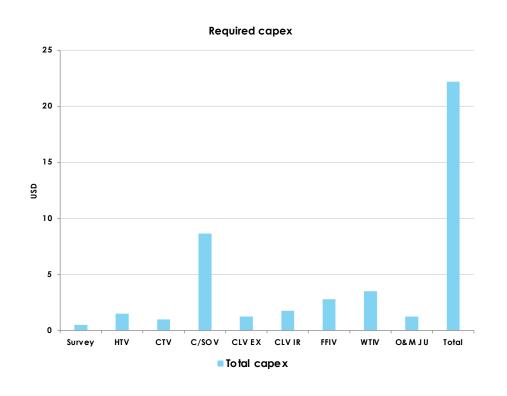


Substantial need for newbuild in offshore wind if all targets are to be met

200 new ships

Required ships 250 200 150 100 50 Survey HTV C/SOV CLVEX CLVIR FFIV WTW O&MJU Today incl OB Est. gap Required 2030

20 USD billion







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