

Global Offshore Wind Turbine Installation Vessel Market To Reach \$3.60 Billion By 2029 With A Growth Rate Of 12.0%

*The Business Research Company's
Aimovig Offshore Wind Turbine
Installation Vessel Market Report 2025 –
Market Size, Trends, And Forecast 2025-
2034*

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/EINPresswire.com/ -- The offshore

wind turbine installation vessel market size has catapulted in growth over the last few years. The market is projected to leap from \$2.04 billion in 2024 to \$2.29 billion in 2025, marking a commendable compound annual growth rate CAGR of 12.3%. This spry growth owes its trajectory to several factors - the surge in deepwater wind projects, increased investments from



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utilities, OEM-led demand uplifts, robust government backing for renewables, and well-strategized logistical and port infrastructure development.

What Will The Offshore Wind Turbine Installation Vessel
Market Look Like In The Coming Years?

In the imminent years, the offshore wind turbine installation vessel market size is predicted to record swift growth, increasing to \$3.60 billion in 2029 with a compound annual growth rate CAGR of 12.0%. This growth could be attributed to increasing support for sustainable

energy sources, rising private sector investments, advancements in offshore wind capacities, the rise in floating wind farms, and blossoming collaborations between private entities and governments. Noteworthy trends in the forecast period will encapsulate floating WTIV designs, innovations in hydrogen and hybrid propulsion systems, assimilation of digital twin technologies, noise and vibration minimization techniques, as well as integrated energy storage systems.

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How Are Investments In Renewable Infrastructure Impacting The Growth Of The Offshore Wind Turbine Installation Vessel Market?

Investments in renewable infrastructure play a protagonist role in driving the growth of the offshore wind turbine installation vessel market. This infrastructure envisions the consolidated framework of physical systems aiding the generation, storage, transmission, and distribution of energy from renewable sources. The escalation of investments in renewable infrastructure springs from the collective urgency to reduce carbon emissions and champion long-term energy security. Offshore wind turbine installation vessels support this infrastructure by facilitating the efficient transport, assembly, and installation of large wind turbines offshore. This support accelerates offshore wind farm development and boosts clean energy capacities.

Who Are The Leaders Driving The Growth In The Offshore Wind Turbine Installation Vessel Market?

Key players influencing the offshore wind turbine installation vessel market are COSCO SHIPPING, Ørsted A/S, Siemens Gamesa Renewable Energy, S.A., Wärtsilä Corporation, Keppel Corporation Limited, Subsea 7 S.A., Aker Solutions ASA, Jan De Nul Group, Damen Shipyards Group N.V., Deme Group, Van Oord, Lamprell Energy Ltd, Sapura Energy Berhad, Seajacks International Ltd., Pella Sietas GmbH, MPI-Offshore, A-2-Sea Solutions Limited, Fred. Olsen Windcarrier AS, Ulstein Group ASA, Swire Blue Ocean A/S.

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Where Is The Wind Of Technological Advancement Blowing In The Offshore Wind Turbine Installation Vessel Market?

The offshore wind turbine installation vessel market is witnessing major companies concentrating on technological advancements, such as hybrid drivetrain technology. These efforts aim to substantially decrease emissions per installed megawatt of offshore wind capacity while enhancing fuel efficiency and operational performance in challenging marine conditions.

How Is The Offshore Wind Turbine Installation Vessel Market Segmented?

The offshore wind turbine installation vessel market report covers key segments including:

- 1 By Type: Self-Propelled Jack-Up Vessels, Normal Jack-Up Vessels, Heavy Lift Vessels, Other Types
- 2 By Capacity: Small, Medium, Large
- 3 By Method: Bottom-Fixed Installation, Floating Installation, Shared Installation
- 4 By Application: Offshore Wind Farm Installation, Maintenance And Repair, Other Applications
- 5 By End-User: Utility, Private, Government, Other End-users

Meanwhile, the sub-segments include:

- 1 By Self-Propelled Jack-Up Vessels: Autonomous Self-Propelled Vessels, Conventional Self-

Propelled Vessels

2 By Normal Jack-Up Vessels: Standard Jack-Up Vessels, Enhanced Stability Jack-Up Vessels

3 By Heavy Lift Vessels: Crane-Lift Heavy Lift Vessels, Lift-and-Carry Heavy Lift Vessels

4 By Other Types: Floating Crane Vessels, Semi-Submersible Vessels, Wind Turbine Installation Barges

What Are The Regional Insights In The Offshore Wind Turbine Installation Vessel Market?

In 2024, Europe emerged as the dominant region in the offshore wind turbine installation vessel market. However, Asia-Pacific is predicted to be the fastest-growing region in the forecast period. The report covers various regions such as Asia-Pacific, Western Europe, Eastern Europe, North America, South America, Middle East, and Africa.

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