

# Electric Submersible Pumps Market Size to Reach USD 12.1 Billion by 2033, Driven by Rising Water Management Needs | FMI

Electric submersible pumps market is set for steady growth, driven by increasing demand in oil and gas, water management, and urban infrastructure development.

NEWARK, DE, UNITED STATES, January 21, 2025 /EINPresswire.com/ -- The global electric submersible pumps (ESP) market is set to witness steady growth, with a projected value of USD 12.1 Billion by 2033, according to recent industry analysis. This marks a compound annual growth rate (CAGR) of 3.6% from 2023 to 2033. The market size for 2023 is estimated at USD 8.5 Billion, building on the 2022 valuation of USD 8.1 Billion.

The increasing demand for hydrocarbon fuels, coupled with a



Electric Submersible Pumps Market

rising need for efficient water recycling and distillation systems, is driving the adoption of ESP solutions. Additionally, the growth of construction activities and the rising water demand in residential and commercial complexes are set to propel the market forward.

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Electric submersible pumps are gaining traction in various industries due to their unique design and operational benefits. Operating while fully submerged in fluid, ESPs function as centrifugal pumps integrated with electric motors of varying capacities. Unlike traditional counterparts, ESPs

eliminate reliance on external factors and effectively pump fluids to the surface without causing cavitation—a common issue in conventional pumping systems.

These characteristics make ESPs the preferred choice for numerous applications, including shallow and deep wells. Industries such as oil and gas, mining, agriculture, and water management increasingly rely on ESPs to enhance efficiency, reduce costs, and meet sustainability goals.

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- Growing Oil and Gas Activities

The oil and gas sector is a significant contributor to the ESP market's growth.

As global demand for hydrocarbons continues, ESPs are being widely deployed to optimize extraction processes. Their ability to operate efficiently at varying depths and flow rates makes them indispensable for underground hydrocarbon recovery.

# - Water Management and Sustainability Goals

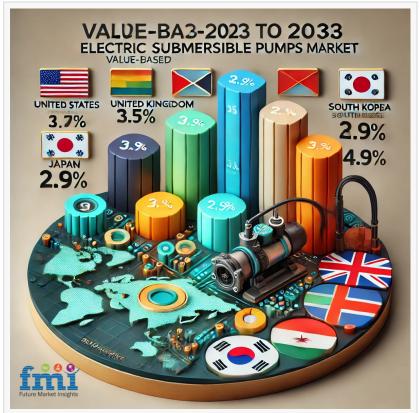
Rising global water management needs in both industrial and municipal sectors are pushing the adoption of ESPs. From recycling wastewater to supporting agricultural irrigation, ESPs play a pivotal role in addressing water scarcity issues. Moreover, their alignment with sustainability objectives—particularly when powered by renewable energy sources—further accelerates market growth.

## - Expanding Urbanization and Construction

The surge in urbanization across developing economies is driving the construction of residential and commercial complexes, leading to increased water demand. ESPs are increasingly utilized for reliable water supply in these structures, further enhancing their market share.

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- Asia Pacific: A Dominant Region



Electric Submersible Pumps Market Regional Analysis

Asia Pacific is expected to lead the global electric submersible pumps market during the forecast period. Factors such as rapid urbanization, a growing population, and strong agricultural activities in countries like China, India, and Southeast Asia contribute to this dominance. The presence of several key manufacturers with advanced production capabilities in the region also supports market growth.

- United States and Europe: Mature Markets with Sustainable Growth

The United States and European nations like the United Kingdom are witnessing steady growth, driven by advancements in energy-efficient pumping solutions and continued investment in oil and gas operations. In these mature markets, the focus is on upgrading existing ESP systems to meet stringent environmental regulations.

- Emerging Economies: Japan and South Korea

Japan and South Korea are projected to experience robust growth rates of 4.0% and 4.3%, respectively, from 2023 to 2033. These nations are leveraging advanced technologies to enhance the efficiency of ESPs while addressing increasing water management demands.

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- Market Size and Growth: The global ESP market is forecast to grow from USD 8.5 Billion in 2023 to USD 12.1 Billion by 2033, with a CAGR of 3.6%.
- Sectoral Demand: Oil and gas remains the largest end-use sector for ESPs, accounting for a significant share of the market.
- Regional Highlights: Asia Pacific dominates the market, while Japan and South Korea show the highest growth potential among developed economies.
- Technological Advancements: Innovations in ESP design and materials, coupled with the integration of IoT and renewable energy solutions, are enhancing product performance and reliability.

"The electric submersible pumps market is at the cusp of transformative growth, driven by the dual forces of industrial demand and environmental sustainability. With rising oil and gas activities, urbanization, and global water management needs, the market is well-positioned for steady expansion. The ongoing adoption of renewable energy solutions further underscores the importance of ESPs in creating a sustainable future," - opines Nikhil Kaitwade, Associate Vice President at Future Market Insights (FMI).

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As industries prioritize energy efficiency and water conservation, the electric submersible pumps industry is set to evolve with advanced technologies and sustainable solutions. By leveraging renewable energy sources, enhancing product performance, and expanding into emerging markets, ESP manufacturers are poised to play a crucial role in addressing global resource challenges.

With its broad applicability and adaptability, the ESP market is on track to deliver substantial value to stakeholders across various sectors, ensuring a sustainable and efficient future.

Borets Company LLC; Falcon Pumps Pvt.Ltd; General Electric Company; Grundfos Pumps Corporation; Halliburton.

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Onshore

Offshore

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Nikhil Kaitwade (Associate Vice President at Future Market Insights, Inc.) has over a decade of experience in market research and business consulting. He has successfully delivered 1500+ client assignments, predominantly in Automotive, Chemicals, Industrial Equipment, Oil & Gas, and Service industries.

His core competency circles around developing research methodology, creating a unique analysis framework, statistical data models for pricing analysis, competition mapping, and market feasibility analysis. His expertise also extends wide and beyond analysis, advising clients on identifying growth potential in established and niche market segments, investment/divestment decisions, and market entry decision-making.

Nikhil holds an MBA degree in Marketing and IT and a Graduate in Mechanical Engineering. Nikhil has authored several publications and quoted in journals like EMS Now, EPR Magazine, and EE Times.

The global <u>submersible pumps market size</u> anticipated to reach USD 19.39 Billion by the end of 2033.

The global <u>centrifugal pumps market share</u> forecasted to surge at an average 6.2% CAGR from 2023 to 2033.

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