

Global Wind Energy Foundation Market Size study, By Site Location (Onshore, Offshore), and Regional Forecasts 2022-2028

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Abstracts

Global Wind Energy Foundation Market is valued approximately USD XX million in 2021 and is anticipated to grow with a healthy growth rate of more than XX % over the forecast period 2022-2028. Wind energy foundation is defined as base for the wind turbine which is utilized to support the structure against all static and dynamic load conditions. Foundation maintains erecting position of wind turbines and provide a strong base for various operations. Onshore location foundation is categorized into raft, pile, well foundations and others. Whereas, Offshore location is comprised of mono-pile, jacket-pile, gravity, suction, and tripod. The rising Wind power generation globally and growing inclination towards non-conventional resources as well as recent collaboration activities are factors that are accelerating the global market demand. For instance, According to International Energy Alliance (IEA) – In 2020, the global Wind power generation capacity in Offshore & On shore category was estimated at 1592 Terawatt-hour (TWh), and as per projection the total wind generation capacity would increase to 8008 Terawatt-hour (TWh) by end of 2030. Furthermore, in June 2021, CLP India awarded a contract to Suzlon Group for a 252MW wind power project to be commissioned in Indian state of Gujarat. Suzlon Group would install 120 units of S120-140m wind turbine generators (WTGs) with a Hybrid Lattice Tubular (HLT) tower, with rated capacity of 2.1 MW each. The project would start from 2022. Also, favorable government policies and initiatives and rising concerns over depleting coal-based resources are anticipated to act as a catalyzing factor for the market demand during the forecast period. However, high cost associated with raw materials impede the growth of the market over the forecast period of 2022-2028.

The key regions considered for the global Wind Energy Foundation Market study include Asia Pacific, North America, Europe, Latin America, and the Rest of the World.

North America is the leading region across the world in terms of market share owing to the growing deployment of wind energy turbines and presence of leading market players in the region. Whereas, Asia Pacific is anticipated to exhibit a significant growth rate over the forecast period 2022-2028. Factors such as favorable government initiatives and rising collaboration and partnership activities in the region, would create lucrative growth prospects for the Wind Energy Foundation Market across the Asia Pacific region.

Major market players included in this report are:

Suzlon Energy Limited

Ramboll Group

OWEC Tower AS

Offshore Wind Power Systems of Texas LLC

Blue H Engineering

SWAY AS

MT Hojgaard

Statoil

SSE Renewables

A-Power Energy Generation Systems Ltd.

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Site Location

On Shore

Offshore

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France
Spain
Italy
ROE

Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019, 2020
Base year – 2021
Forecast period – 2022 to 2028

Target Audience of the Global Wind Energy Foundation Market in Market Study:

Key Consulting Companies & Advisors
Large, medium-sized, and small enterprises
Venture capitalists
Value-Added Resellers (VARs)
Third-party knowledge providers
Investment bankers
Investors

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