

Global Wind Turbine Blade RecyclingMarket Size study, byType (Physical Recycling and Chemical Recycling), by Application (Material Recycling, Blade Reuse)and Regional Forecasts 2022-2028

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Abstracts

Global Wind Turbine Blade RecyclingMarket is valued at approximately XX in 2021 and is anticipated to grow with a healthy growth rate of more than xx% over the forecast period 2022-2028. The blades of wind turbines are made of fibreglass composite, which is difficult to recycle or reuse. These blades are currently dumped in landfills, which is not a green solution. As a result, businesses are focusing on developing better solutions or methods for recovering these blades that are simple, environmentally friendly, and cost-effective. Reusable materials such as steel and other valuable metals are recovered during the decommissioning process. Material recycling reduces waste while also providing economic benefits. The global wind turbine blade recycling market is driven by rapid industrialization and urbanisation. The increase in the number of industries is driving up electricity demand. To meet this demand, wind turbines are being considered. As a result, an increase in the number of wind turbines is expected to result in more wind turbine scrap. Consequently, the global wind turbine blade recycle market is expected to be driven by industrialization and urbanisation over the forecast period. A major factor driving the global wind turbine scrap market is the implementation of stringent government regulations to reduce carbon emissions. Government incentive programmes that encourage the installation of wind turbines are also boosting the market. Furthermore, due to environmental concerns, the majority of industries and government bodies are focusing on wind turbines for electricity generation. Furthermore, significant investment in R&D would be needed to develop the technology. However, plastic polymer blades pose a special challenge for the market growth.

The key regions considered for the global Wind Turbine Blade Recyclingmarketstudy

include Asia Pacific, North America, Europe, Latin America, and Rest of the World. During the forecast period, Asia Pacific is expected to dominate the global wind turbine blade recycling market. The development of new wind farms in Asia Pacific has contributed to the region's dominance. Furthermore, in Asia Pacific, the development of infrastructure related to wind farms is accelerating. Whereas, Europe is expected to grow with the highest CAGR. Increased government policies to promote wind energy production in Europe are expected to propel the wind turbine scrap market in the region.

Major market players included in this report are:

Aker Offshore Wind

GE

Vestas

Siemens Gamesa Renewable Energy

Enel Green Power

Shandong Longneng

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 Type:

Physical Recycling

Chemical Recycling

By Application:

Material Recycling

Blade Reuse

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 Turbine Blade RecyclingMarket 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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