

Global Wind Blade Recycling Market Growth (Status and Outlook) 2024-2030

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Abstracts

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Wind blade recycling refers to the process of dismantling and repurposing end-of-life or decommissioned wind turbine blades. As wind energy continues to grow globally, the disposal of aging turbine blades presents a significant environmental challenge due to their large size, composite materials, and non-biodegradable nature. Wind blade recycling aims to address this challenge by implementing various methods such as mechanical shredding, thermal processing, or chemical decomposition to break down the blades into smaller components that can be recycled or reused in other applications. Recycling initiatives focus on recovering valuable materials like fiberglass, carbon fiber, and resin from the blades to produce new products or feedstocks for manufacturing processes, thus reducing the environmental impact and promoting sustainability in the wind energy industry.

The global Wind Blade Recycling market size is projected to grow from US\$ million in 2024 to US\$ million in 2030; it is expected to grow at a CAGR of %from 2024 to 2030.

LPI (LP Information)' newest research report, the “Wind Blade Recycling Industry Forecast” looks at past sales and reviews total world Wind Blade Recycling sales in 2022, providing a comprehensive analysis by region and market sector of projected Wind Blade Recycling sales for 2023 through 2029. With Wind Blade Recycling sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Wind Blade Recycling industry.

This Insight Report provides a comprehensive analysis of the global Wind Blade Recycling landscape and highlights key trends related to product segmentation,

company formation, revenue, and market share, latest development, and M&A activity. This report also analyses the strategies of leading global companies with a focus on Wind Blade Recycling portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Wind Blade Recycling market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Wind Blade Recycling and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Wind Blade Recycling.

United States market for Wind Blade Recycling is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

China market for Wind Blade Recycling is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Europe market for Wind Blade Recycling is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Global key Wind Blade Recycling players cover Veolia, Siemens Gamesa, LM Wind Power Source (GE), Vestas Wind Systems Source, Stena Recycling, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2023.

This report presents a comprehensive overview, market shares, and growth opportunities of Wind Blade Recycling market by product type, application, key players and key regions and countries.

Segmentation by Type:

Mechanical Recycling

Thermal Recycling

Chemical Recycling

Segmentation by Application:

Carbon Fiber

Glass Fiber

Other Blade Materials

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

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Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

Veolia

Siemens Gamesa

LM Wind Power Source (GE)

Vestas Wind Systems Source

Stena Recycling

Enel Green Power

Makeen Power

Kuusakoski Recycling

Carbon Rivers

DecomBlades

Vattenfall

Canvus

Enva

ROTH International

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