

# **Growth Opportunities for Composite Materials in Global Wind Energy Market 2013-2018: Materials, Market, and Technologies**

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## **Abstracts**

Increasing demand of lightweight materials with efficient properties had been driving the growth of composite materials in wind energy market. Composite materials consumption in wind energy market is forecasted to reach US \$4.3 billion by 2018 with a high growth rate over the next five years. Growth in new installation of wind turbine and increasing size of blades will lead to increased demand for composite materials as there is huge demand for lightweight and efficient products. Lucintel, a leading global management consulting and market research firm, has conducted a competitive analysis on this market and presents its findings in “Growth Opportunities for Composite Materials in Global Wind Energy Market 2013-2018: Materials, Market and Technology.” The report includes analysis of the wind energy market in each region, wind blade market, and composite materials consumption in wind energy market. It also gives insights of emerging trends, unmet needs, and growth opportunities in those markets.

The growing wind energy market has been a key driver for the growth of composite materials market. As there is a positive growth prospect in the wind market, it is likely to support the positive growth of composite materials in this market. The future of this market looks promising due to several economic and environmental factors and strong growth of wind energy market. Advantage of corrosion resistance, high strength-to-weight ratio, low maintenance, and a longer lifecycle as compared to other traditional materials such as aluminium and steel is giving composites an edge over other materials. Nevertheless, high cost continues to be a limiting factor for developing new applications. Asia Pacific has been the top continent in terms of total composite consumption followed by North America and Europe. Rest of World (ROW) saw the highest growth rate due to rapidly increasing demand in the region.

This in-depth Lucintel's study is designed and intended for use by new entrants, manufacturers, material suppliers, component or structure fabricators, OEMs, investors, executives and consultants focused on the wind energy industry. The data and analysis found in this report can be utilized for a variety of functional business reasons including business development, strategic planning, business presentations determination of market size and trends, competitive analysis, investment decision, and joint product development.

This unique report from Lucintel will provide you with valuable information, insights, and tools needed to identify new growth opportunities and operate your business successfully in this market. This report will save hundreds of hours of your own personal research time and will significantly benefit you in expanding your business in this market. In today's stringent economy, you need every advantage that you can find.

### **Features of This Report:**

This market report fulfills this core need and is an indispensable reference guide for multi-national composite materials suppliers, product manufacturers, investors, executives, distributors and many more, who are dealing with the wind market.

Growth Opportunities for Composite Materials in Global Wind Energy Market  
2013-2018: Materials, Market, and Technologies

Some of the features of "Growth Opportunities for Composite Materials in Global Wind Energy Market 2013-2018: Materials, Market, and Technologies" are:

Global wind energy market size in terms of value and volume shipment

Regional analysis of global wind energy market of North America, Europe, Asia Pacific and Rest of the World in terms of volume with detail analysis of the countries in each region

Global and regional wind blade market trend (2007-2012) and forecast (2013-2018)

Global and regional composite materials market trend (2007-2012) and forecast (2013-2018)

Global composite materials in wind energy market by type of material

Global composite materials in wind blade market by manufacturing process

Market share of wind turbine and blade manufactures

Regional cost structure (%) of composite materials in wind energy market by the key regions of North America, Europe, and Asia Pacific

Global composite materials in wind energy market profit margin (%) 2007-2012

Competitive analysis: Wind energy with other energy sources

Major growth drivers and challenges for global composite materials in wind energy market

Key material requirements and suppliers to the wind energy markets

Innovations and new product launches in the market

Growth opportunity, unmet needs, and emerging trends for composite materials in wind energy market

Company profiles for leading players in the market

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