

# **Growth Opportunities in Chinese Wind Energy Market: 2011-2016 Trends, Forecast and Opportunity Analysis, April 2011**

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## **Abstracts**

### **Background:**

China's wind energy market has grown rapidly during the last five years and is expected to reach 158 GW by 2016 with a CAGR of 20% over the next five years. Various factors are expected to drive the wind energy market in China. Government backing and generation-based incentives for renewable energy sources, rising electricity demand, and Clean Development Mechanism support from the UN all are expected to boost China's wind market. Lucintel, a leading global management consulting and market research firm, has analyzed the Chinese wind energy market and makes its findings available through a comprehensive research report, "Growth Opportunities in Chinese Wind Energy Market 2011-2016." The rapid pace of wind energy holds immense opportunities for various stakeholders in China. China outpaced the US and emerged as the biggest market for wind power capacity in 2010. China has approximately 44.7 GW of installed wind power capacity and intends to reach 230 GW by 2020.

Wind turbine blades are mostly made of composites because of the excellent mechanical properties and ease of designing. Composites consumption in the Chinese wind market was approximately 488 million pounds in 2010. Lucintel estimates that composites consumption is will reach 542 million pounds by 2016.

The wind MRO market closely follows the growth of the wind energy market. China's market for MRO services was an estimated \$683 million in 2010. Based on Lucintel's analysis, it determined that the rising popularity of wind energy (increases in installation and operational costs) and larger turbine sizes (specific MRO techniques needed) will

drive the future cost of MRO services.

This Lucintel research report provides insights regarding recent industry trends, and future opportunities and threats. In addition, the report addresses the market share of major players, supply chain analysis, composites consumption, and MRO activities in China's wind energy market.

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 to keep ahead in your business. Features of This Report:

To make business, investment, or strategic decisions, you need timely and adequate information. This market report fulfills this core need and is an indispensable reference guide for multi-national material suppliers, product manufacturers, investors, executives, distributors and many more, who are dealing with the Chinese wind market.

Some of the features of "Growth Opportunities in Chinese Wind Energy Market: 2011-2016 Trends, Forecast and Opportunity Analysis" are:

Trend & forecast in terms of MW installation in different categories of turbine

Composite consumption (M lbs) trend & forecast in wind sector of China

Total MW Potential in different wind speed classes

Current penetration & opportunity in Chinese wind market

Market share of major players

MRO cost trend for Chinese wind energy market

Turbine OEMs description has been provided in this report

Supply chain for turbine manufacturing

Growth opportunities in Chinese wind market

**Research Methodology:**

Lucintel has closely tracked and conducted research on composites and other markets since 1998. This research project was designed for the purposes of determining the OEMs, Tier 1 and few Tier 2 players as they are expected to identify the opportunity in Chinese wind industry and the likely demand in wind market in near future. Comprehensive market analysis, trend, and forecast data is estimated to help make any investment, business or strategic decisions.

This study is a culmination of eight months of full-time effort performed by Lucintel's analyst team.

Our analysts used the following sources for the creation and completion of this valuable report:

In-depth secondary research and telephone interviews with more 35 major OEMs, and Tier 1 players

In-depth research on more than 15 companies involved in the wind market

Thorough secondary research from financial statements and annual reports of the competitors

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