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Growth Opportunities in Wind Energy Markets 2011-2016: Materials, Market, and Technologies, December 2011

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Abstracts

According to Lucintel’s report “Growth Opportunities in Chinese Wind Energy Market 2011-2016: Trends, Forecast and Opportunity Analysis” The wind turbine market has experienced significant growth over the last five years and is expected to continue its growth momentum, reaching approximately US $96 billion by 2016 with a CAGR of 12% over the next five years for annual installations.

The wind turbine market has experienced significant growth over the last five years and is expected to continue its growth momentum, reaching approximately US $96 billion by 2016 with a CAGR of 12% over the next five years for annual installations.

Concerns over climate change, crude oil prices, and increasing energy demand are generating global interest in renewable resources to meet the world's energy needs. Wind is a clean, abundant, rapidly growing energy source. The business of generating electricity from wind is set to expand as China, the US, and Rest of the World (ROW) seeks cleaner, more sustainable ways to create electricity. Although wind is more expensive than conventional energy sources, wind turbines have evolved rapidly and decades of research and development have resulted in lower wind energy prices making wind energy competitive with fossil-based fuel energy prices.

Lucintel's research indicates that the percentage growth rate in cumulative capacity is expected to decrease every year as global cumulative wind capacity increases. This fluctuating growth rate in cumulative capacity brings the total capacity to 568,310 MW by the end of 2016. Asia is expected to remain the leader in wind energy installations. The Chinese and the USA markets are expected to top the list in new turbine installations, with Portugal, France, Italy, the UK, Ireland, and the Netherlands steadily

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adding capacity.

Composites consumption in the wind market is expected to witness a healthy growth over the forecast period and reach US $5.5 billion in 2016.

Lucintel's research report provides detailed market structure, value chain analysis, and comparative analysis of wind markets, trend scenarios, and forecast statistics for 2011–2016. The report also details the wind market’s drivers and challenges, policies affecting the market, competitive analysis between wind energy with other energy sources, composite materials consumption in the wind energy market, and more.

This unique report from Lucintel provides the valuable information, insights, and tools needed to identify new growth opportunities and operate successfully in this market. This report is estimated to save hundreds of hours of your personal research time and it is anticipated to significantly help in expanding your business in this market. In today's unstable economy, you need every advantage to keep you ahead in your business.

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 Wind Energy Markets 2011–2016: Materials, Markets, and Technologies" are-

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

Global battery market trend and forecast in terms of value and volume shipment

Regional analysis of global wind market (European market, North America, Asia, Rest of the World, Costa Rica, Brazil)

Competitive analysis: Wind Energy with Other Energy Sources

Flow chart for the value chain in the wind energy market

Major growth drivers and challenges for wind energy

Key materials requirements and suppliers to the wind industry

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Trend and forecast of battery market by materials,by market and by technologies

Emerging trend for global wind energy market

A total over 132 valuable figures/charts and 58 tables are provided in this roughly 320 page report.

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