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Global Wind Automation Market - Forecasts from 2018 to 2023

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Abstracts

The global wind automation market was valued at US$3.177 billion in 2017 and is projected to expand at a CAGR of 6.21% over the forecast period to reach US$4.560 billion by 2023. Wind automation sector is expected to witness increase in sales during the forecast period due to wider implementation of wind turbines off-shore and on-shore. Government authorities across the world have taken initiatives to increase the production of renewable energy in parallel with rising demand for renewable energy, which is widely aiding to the global wind automation market growth. Various other factors further pushing the demand for wind automation are stringent regulations regarding lower carbon emission, increasing ROI, and rising awareness about green energy. Major restraints impeding the growth of the wind automation industry are high costs of investments required for installing wind turbines, and difficulty to finance off-shore projects

This research study examines the current market trends related to the demand, supply, and sales, in addition to the recent developments. Major drivers, restraints, and opportunities have been covered to provide an exhaustive picture of the market. The analysis presents in-depth information regarding the development, trends, and industry policies and regulations implemented in each of the geographical regions. Further, the overall regulatory framework of the market has been exhaustively covered to offer stakeholders a better understanding of the key factors affecting the overall market environment.

Identification of key industry players in the industry and their revenue contribution to the overall business or relevant segment aligned to the study have been covered as a part of competitive intelligence done through extensive secondary research. Various studies and data published by industry associations, analyst reports, investor presentations,

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press releases and journals among others have been taken into consideration while conducting the secondary research. Both bottom-up and top down approaches have been utilized to determine the market size of the overall market and key segments. The values obtained are correlated with the primary inputs of the key stakeholders in the wind automation value chain. Last step involves complete market engineering which includes analyzing the data from different sources and existing proprietary datasets while using various data triangulation methods for market breakdown and forecasting.

Market intelligence is presented in the form of analysis, charts, and graphics to help the clients in gaining faster and efficient understanding of the global wind automation market.

Major industry players profiled as part of the report are ABB, Rockwell Automation, Inc., Siemens AG, and Yokogawa Electric Corporation among others.

SEGMENTATION

The global wind automation market has been analyzed through following segments:

By Product

Supervisory Control and Data Acquisition (SCADA)

Programmable Logic Controller (PLC)

Distributed Control System (DCS)

Geared Motors & Drives

By Deployment

Onshore Wind Farms

Offshore Wind Farms

By Geography

North America

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United States

Canada

Mexico

Others

South America

Brazil

Argentina

Others

Europe

Germany

France

Italy

United Kingdom

Others

Middle East and Africa

Israel

Saudi Arabia

South Africa

Others

Asia Pacific

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Japan

China

India

Australia

Others

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