

# 2018-2023 Global Vertical Axis Wind Turbine Consumption Market Report

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## Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

In this report, LP Information covers the present scenario (with the base year being 2017) and the growth prospects of global Vertical Axis Wind Turbine market for 2018-2023.

Vertical-axis wind turbines (VAWTs) are a type of wind turbine where the main rotor shaft is set vertically and the main components are located at the base of the turbine. This arrangement allows the generator and gearbox to be located close to the ground, facilitating service and repair. VAWTs do not need to be pointed into the wind, which removes the need for wind-sensing and orientation mechanisms. Vertical axis wind turbines offer several potential advantages over the standard horizontal axis wind turbines which are now in common use worldwide.

The US and Europe are the major suppliers of vertical axis wind turbine and also the major consumption markets. In the US, the large land makes it expansive to connect the remote villages into grid. And there is also massive wind power resource, which drive the development of vertical axis wind turbine industry.

China is another major consumption market. Due to the supportive policies established in recent years, the wind power industry is fast developing. In China, the added capacity of wind turbine is more than 100 megawatts in 2014, while most of them are horizontal axis wind turbines.

Over the next five years, LPI(LP Information) projects that Vertical Axis Wind Turbine will register a 4.4% CAGR in terms of revenue, reach US\$ 16300 million by 2023, from

US\$ 12600 million in 2017.

This report presents a comprehensive overview, market shares, and growth opportunities of Vertical Axis Wind Turbine market by product type, application, key manufacturers and key regions.

To calculate the market size, LP Information considers value and volume generated from the sales of the following segments:

Segmentation by product type:

Darrieus

Savonius

Segmentation by application:

Residential

Commercial and Industrial

Fishery and Recreational Boats

Hybrid Systems

Pastures, Farms and Remote Villages

Potable Systems for Leisure

Pumping

Desalination and Purification

Remote Monitoring

Research and Education

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

Spain

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The report also presents the market competition landscape and a corresponding detailed analysis of the major vendor/manufacturers in the market. The key manufacturers covered in this report:

UGE

Helix Wind

Wind Harvest

Astralux

Kliux Energies

Sycamore Energy

Ropatec

Arborwind

Quietrevolution

Turbine

Luethi Enterprises

Aeolos

Oy Windside Production

Eastern Wind Power

Windspire Energy

SAW

Ningbo Fengshen

MUCE

In addition, this report discusses the key drivers influencing market growth, opportunities, the challenges and the risks faced by key manufacturers and the market as a whole. It also analyzes key emerging trends and their impact on present and future development.

#### Research objectives

To study and analyze the global Vertical Axis Wind Turbine consumption (value & volume) by key regions/countries, product type and application, history data from 2013 to 2017, and forecast to 2023.

To understand the structure of Vertical Axis Wind Turbine market by identifying its various subsegments.

Focuses on the key global Vertical Axis Wind Turbine manufacturers, to define, describe and analyze the sales volume, value, market share, market competition landscape, SWOT analysis and development plans in next few years.

To analyze the Vertical Axis Wind Turbine with respect to individual growth trends, future prospects, and their contribution to the total market.

To share detailed information about the key factors influencing the growth of the market (growth potential, opportunities, drivers, industry-specific challenges and

risks).

To project the consumption of Vertical Axis Wind Turbine submarkets, with respect to key regions (along with their respective key countries).

To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

To strategically profile the key players and comprehensively analyze their growth strategies.

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