

Small Wind Market Size, Share & Trends Analysis Report By Application (Off Grid, On Grid), By Axis Type (Horizontal Axis, Vertical Axis), By Region And Segment Forecasts, 2022 - 2030

<https://marketpublishers.com/r/S1C67E164A7EN.html>

Date: May 2022

Pages: 114

Price: US\$ 5,950.00 (Single User License)

ID: S1C67E164A7EN

Abstracts

This report can be delivered to the clients within 8 Business Days

Small Wind Market Growth & Trends

The global small wind market size is expected to reach USD 2.54 billion by 2030, expanding at a CAGR of 9.2% during the forecast period, according to a new report by Grand View Research, Inc. Increasing awareness about renewable energy along with government regulations to control growing carbon footprint is propelling the market growth. Increasing global population coupled with rising energy deficit are some of the factors anticipated to positively influence the market. In addition, the gradual reduction in per kilowatt prices along with affordable installation prices of wind turbines for electricity demand will favor the business growth.

Stringent government regulations are encouraging grid connectivity to reduce the burden on the use of non-renewable sources for electricity generation. Numerous financial and economic benefits including Feed-in-Tariffs (FiT), Production Tax Credit (PTC), and Investment Tax Credit (ITC) among others are expected to augment the market growth over the forecast period. The COVID-19 pandemic impacted several industries as they were impacted due to the lockdown imposed in many countries. As the industrial operations stopped due to the pandemic, the market experienced a significant dip in 2020 owing to the reduction in energy consumption. This was further attributed to the disruptions of the supply chain & delays or postponement of wind projects in the renewable industry.

The off-grid application segment accounted for 59.7% of the global market share in 2021. The demand for off-grid wind turbines can be attributed to the long-standing conventional methods of harnessing this energy for electrification, however, this segment is set to witness a decline due to the government initiatives launched to boost grid connectivity. Such regulatory initiatives are expected to boost the demand for on-grid small wind applications over the forecast period.

Horizontal Axis Wind Turbines (HAWT) are the preferred axis type in the global small wind market given the ease in installation coupled with affordable pricing. However, the increasing demand for Vertical Axis Wind Turbine (VAWT) from a large number of consumers is expected to boost the market growth of this segment in upcoming years.

Small Wind Market Report Highlights

The small wind market is anticipated to witness a growth of over 9.0% from 2022 to 2030 on account of increasing awareness about emission-free renewable energy. Vertical Axis Wind Turbine (VAWT) is expected to grow at the fastest rate in terms of revenue, registering a CAGR of 11.0%, during the forecast period owing to its innovative design and energy efficiency

Europe region is predicted to witness substantial growth and captured a 43.2% market share in 2021 owing to the increasing need to control the region's carbon footprint

Europe is expected to maintain its position over the forecast period. This is attributed to changing perceptions toward the adoption of renewable energy. Large-scale investments along with high consumer awareness are predicted to drive the market by 2030. The abundant availability of onshore and offshore regions for wind turbine installation options is augmenting the growth of the regional market.

Contents

CHAPTER 1. METHODOLOGY AND SCOPE

- 1.1. Methodology Segmentation & Scope
- 1.2. Information procurement
 - 1.2.1. Purchased database
 - 1.2.2. GVR's Internal database
 - 1.2.3. Secondary sources & third-party perspectives
 - 1.2.4. Primary research
- 1.3. Information analysis
 - 1.3.1. Data analysis models
- 1.4. Market formulation & data visualization
- 1.5. Data validation & publishing

CHAPTER 2. EXECUTIVE SUMMARY

- 2.1. Small Wind Market - Industry Snapshot & Key Buying Criteria, 2019 - 2030

CHAPTER 3. SMALL WIND MARKET VARIABLES, TRENDS & SCOPE

- 3.1. Market Segmentation & Scope
- 3.2. Penetration & growth prospect mapping, 2019 - 2030
- 3.3. Small wind market - value chain analysis
- 3.4. Regulatory framework
- 3.5. Technology Overview
 - 3.5.1. Small wind market dynamics
 - 3.5.2. Market driver analysis
 - 3.5.3. Market restraint analysis
- 3.6. Key opportunities prioritized
 - 3.6.1. New market avenues
- 3.7. Industry Analysis - Porter's
- 3.8. Small wind market - PESTEL analysis

CHAPTER 4. SMALL WIND MARKET: APPLICATION OUTLOOK

- 4.1. Small Wind Market Share by Application, 2021 & 2030 (USD Million)
- 4.2. Off-Grid
 - 4.2.1. Market Size Estimates and Forecasts, 2019 - 2030 (USD Million)

- 4.2.2. Market estimates and forecast by region, 2019 - 2030 (USD Million)
- 4.3. On-Grid
 - 4.3.1. Market estimates and forecast, 2019 - 2030 (USD Million)
 - 4.3.2. Market estimates and forecast by region, 2019 - 2030 (USD Million)

CHAPTER 5. SMALL WIND MARKET: AXIS TYPE OUTLOOK

- 5.1. Small Wind Market Share by Axis Type, 2021 & 2030 (USD Million)
- 5.2. Horizontal Axis Wind Turbine
 - 5.2.1. Market Size Estimates and Forecasts, 2019 - 2030 (USD Million)
 - 5.2.2. Market estimates and forecast by region, 2019 - 2030 (USD Million)
- 5.3. Vertical Axis Wind Turbine
 - 5.3.1. Market estimates and forecast, 2019 - 2030 (USD Million)
 - 5.3.2. Market estimates and forecast by region, 2019 - 2030 (USD Million)

CHAPTER 6. SMALL WIND MARKET: REGIONAL OUTLOOK

- 6.1. Small Wind Market Share by Region, 2021 & 2030 (USD Million)
- 6.2. North America
 - 6.2.1. Market estimates and forecast, 2019 - 2030 (USD Million)
 - 6.2.2. Market estimates and forecast by application, 2019 - 2030 (USD Million)
 - 6.2.3. Market estimates and forecast by axis type, 2019 - 2030 (USD Million)
 - 6.2.4. U.S.
 - 6.2.4.1. Market estimates and forecast, 2019 - 2030 (USD Million)
 - 6.2.4.2. Market estimates and forecast by application, 2019 - 2030 (USD Million)
 - 6.2.4.3. Market estimates and forecast by axis type, 2019 - 2030 (USD Million)
 - 6.2.5. Canada
 - 6.2.5.1. Market estimates and forecast, 2019 - 2030 (USD Million)
 - 6.2.5.2. Market estimates and forecast by application, 2019 - 2030 (USD Million)
 - 6.2.5.3. Market estimates and forecast by axis type, 2019 - 2030 (USD Million)
- 6.3. Europe
 - 6.3.1. Market estimates and forecast, 2019 - 2030 (USD Million)
 - 6.3.2. Market estimates and forecast by application, 2019 - 2030 (USD Million)
 - 6.3.3. Market estimates and forecast by axis type, 2019 - 2030 (USD Million)
 - 6.3.4. U.K.
 - 6.3.4.1. Market estimates and forecast, 2019 - 2030 (USD Million)
 - 6.3.4.2. Market estimates and forecast by application, 2019 - 2030 (USD Million)
 - 6.3.4.3. Market estimates and forecast by axis type, 2019 - 2030 (USD Million)
 - 6.3.5. Germany

- 6.3.5.1. Market estimates and forecast, 2019 - 2030 (USD Million)
- 6.3.5.2. Market estimates and forecast by application, 2019 - 2030 (USD Million)
- 6.3.5.3. Market estimates and forecast by axis type, 2019 - 2030 (USD Million)
- 6.3.6. Italy
 - 6.3.6.1. Market estimates and forecast, 2019 - 2030 (USD Million)
 - 6.3.6.2. Market estimates and forecast by application, 2019 - 2030 (USD Million)
 - 6.3.6.3. Market estimates and forecast by axis type, 2019 - 2030 (USD Million)
- 6.4. Asia Pacific
 - 6.4.1. Market estimates and forecast, 2019 - 2030 (USD Million)
 - 6.4.2. Market estimates and forecast by application, 2019 - 2030 (USD Million)
 - 6.4.3. Market estimates and forecast by axis type, 2019 - 2030 (USD Million)
 - 6.4.4. China
 - 6.4.4.1. Market estimates and forecast, 2019 - 2030 (USD Million)
 - 6.4.4.2. Market estimates and forecast by application, 2019 - 2030 (USD Million)
 - 6.4.4.3. Market estimates and forecast by axis type, 2019 - 2030 (USD Million)
 - 6.4.5. India
 - 6.4.5.1. Market estimates and forecast, 2019 - 2030 (USD Million)
 - 6.4.5.2. Market estimates and forecast by application, 2019 - 2030 (USD Million)
 - 6.4.5.3. Market estimates and forecast by axis type, 2019 - 2030 (USD Million)
 - 6.4.6. Japan
 - 6.4.6.1. Market estimates and forecast, 2019 - 2030 (USD Million)
 - 6.4.6.2. Market estimates and forecast by application, 2019 - 2030 (USD Million)
 - 6.4.6.3. Market estimates and forecast by axis type, 2019 - 2030 (USD Million)
 - 6.4.7. South Korea
 - 6.4.7.1. Market estimates and forecast, 2019 - 2030 (USD Million)
 - 6.4.7.2. Market estimates and forecast by application, 2019 - 2030 (USD Million)
 - 6.4.7.3. Market estimates and forecast by axis type, 2019 - 2030 (USD Million)
- 6.5. South & Central America
 - 6.5.1. Market estimates and forecast, 2019 - 2030 (USD Million)
 - 6.5.2. Market estimates and forecast by application, 2019 - 2030 (USD Million)
 - 6.5.3. Market estimates and forecast by axis type, 2019 - 2030 (USD Million)
 - 6.5.4. Brazil
 - 6.5.4.1. Market estimates and forecast, 2019 - 2030 (USD Million)
 - 6.5.4.2. Market estimates and forecast by application, 2019 - 2030 (USD Million)
 - 6.5.4.3. Market estimates and forecast by axis type, 2019 - 2030 (USD Million)
- 6.6. Middle East & Africa
 - 6.6.1. Market estimates and forecast, 2019 - 2030 (USD Million)
 - 6.6.2. Market estimates and forecast by application, 2019 - 2030 (USD Million)
 - 6.6.3. Market estimates and forecast by axis type, 2019 - 2030 (USD Million)

CHAPTER 7. COMPETITIVE LANDSCAPE

- 7.1. Vendor Landscape
- 7.2. Competitive Environment
- 7.3. Company Market Positioning
- 7.4. Strategy Framework

CHAPTER 8. COMPANY PROFILES

- 8.1. Envergate Energy AG
 - 8.1.1. Company overview
 - 8.1.2. Financial performance
 - 8.1.3. Product benchmarking
 - 8.1.4. Recent developments
- 8.2. Kingspan Group
 - 8.2.1. Company overview
 - 8.2.2. Financial performance
 - 8.2.3. Product benchmarking
 - 8.2.4. Recent developments
- 8.3. Kliux Energies
 - 8.3.1. Company overview
 - 8.3.2. Financial performance
 - 8.3.3. Product benchmarking
 - 8.3.4. Recent developments
- 8.4. superwind GmbH
 - 8.4.1. Company overview
 - 8.4.2. Financial performance
 - 8.4.3. Product benchmarking
 - 8.4.4. Recent developments
- 8.5. Bergey Windpower Co.
 - 8.5.1. Company overview
 - 8.5.2. Financial performance
 - 8.5.3. Product benchmarking
 - 8.5.4. Recent developments
- 8.6. EOCCYCLE
 - 8.6.1. Company overview
 - 8.6.2. Financial performance
 - 8.6.3. Product benchmarking

8.6.4. Recent developmentsDaiichi J

8.7. Shanghai Zhiyuan Green Energy Co., Ltd.

8.7.1. Company overview

8.7.2. Financial performance

8.7.3. Product benchmarking

8.7.4. Recent developments

8.8. Northern Power Systems

8.8.1. Company overview

8.8.2. Financial performance

8.8.3. Product benchmarking

8.8.4. Recent developments

8.9. XZERES Corp.

8.9.1. Company overview

8.9.2. Financial performance

8.9.3. Product benchmarking

8.9.4. Recent developments

List Of Tables

LIST OF TABLES

Table 1	Key international regulations & their impact on the small wind industry
Table 2	Off-grid market estimates & forecast, 2019 - 2030 (Mega Watts) (USD Million)
Table 3	Off-grid market volume, by region, 2019 - 2030 (Mega Watts)
Table 4	Off-grid market revenue, by region, 2019 - 2030 (USD Million)
Table 5	On-grid market estimates & forecast, 2019 - 2030 (Mega Watts) (USD Million)
Table 6	On-grid market volume, by region, 2019 - 2030 (Mega Watts)
Table 7	On-grid market revenue, by region, 2019 - 2030 (USD Million)
Table 8	Small Wind Market estimates & forecast, in vertical axis wind turbine, 2019 - 2030 (Mega Watts) (USD Million)
Table 9	Small Wind Market volume in Vertical Axis Wind Turbines, by region, 2019 - 2030 (Mega Watts)
Table 10.	Small Wind Market revenue in Vertical Axis Wind Turbines, by region, 2019 - 2030 (USD Million)
Table 11.	Small Wind Market estimates & forecast in Horizontal Axis Wind Turbines, 2019 - 2030 (Mega Watts) (USD Million)
Table 12.	Small Wind Market volume in Horizontal Axis Wind Turbines, by region, 2019 - 2030 (Mega Watts)
Table 13.	Small Wind Market revenue in Horizontal Axis Wind Turbines, by region, 2019 - 2030 (USD Million)
Table 14.	North America small wind market estimates & forecast, 2019 - 2030 (Mega Watts) (USD Million)
Table 15.	North America small wind market volume, by application, 2019 - 2030 (Mega Watts)
Table 16.	North America small wind market revenue, by application, 2019 - 2030 (USD Million)
Table 17.	North America small wind market volume, by axis, 2019 - 2030 (Mega Watts)
Table 18.	North America small wind market revenue, by axis, 2019 - 2030 (USD Million)
Table 19.	U.S. small wind market estimates & forecast, 2019 - 2030 (Mega Watts) (USD Million)
Table 20.	U.S. small wind market volume, by application, 2019 - 2030 (Mega Watts)
Table 21.	U.S. small wind market revenue, by application, 2019 - 2030 (USD Million)
Table 22.	U.S. small wind market volume, by axis, 2019 - 2030 (Mega Watts)
Table 23.	U.S. small wind market revenue, by axis, 2019 - 2030 (USD Million)
Table 24.	Canada small wind market estimates & forecast, 2019 - 2030 (Mega Watts) (USD Million)

Table 25. Canada small wind market volume, by application, 2019 - 2030 (Mega Watts)
Table 26. Canada small wind market revenue, by application, 2019 - 2030 (USD Million)
Table 27. Canada small wind market volume, by axis, 2019 - 2030 (Mega Watts)
Table 28. Canada small wind market revenue, by axis, 2019 - 2030 (USD Million)
Table 29. Europe small wind market estimates & forecast, 2019 - 2030 (Mega Watts) (USD Million)
Table 30. Europe small wind market volume, by application, 2019 - 2030 (Mega Watts)
Table 31. Europe small wind market revenue, by application, 2019 - 2030 (USD Million)
Table 32. Europe small wind market volume, by axis, 2019 - 2030 (Mega Watts)
Table 33. Europe small wind market revenue, by application, 2019 - 2030 (USD Million)
Table 34. Germany small wind market estimates & forecast, 2019 - 2030 (Mega Watts) (USD Million)
Table 35. Germany small wind market volume, by application, 2019 - 2030 (Mega Watts)
Table 36. Germany small wind market revenue, by application, 2019 - 2030 (USD Million)
Table 37. Germany small wind market volume, by axis, 2019 - 2030 (Mega Watts)
Table 38. Germany small wind market revenue, by axis, 2019 - 2030 (USD Million)
Table 39. Italy small wind market estimates & forecast, 2019 - 2030 (Mega Watts) (USD Million)
Table 40. Italy small wind market volume, by application, 2019 - 2030 (Mega Watts)
Table 41. Italy small wind market revenue, by application, 2019 - 2030 (USD Million)
Table 42. Italy small wind market volume, by axis, 2019 - 2030 (Mega Watts)
Table 43. Italy small wind market revenue, by axis, 2019 - 2030 (USD Million)
Table 44. UK small wind market estimates & forecast, 2019 - 2030 (Mega Watts) (USD Million)
Table 45. UK small wind market volume, by application, 2019 - 2030 (Mega Watts)
Table 46. UK small wind market revenue, by application, 2019 - 2030 (USD Million)
Table 47. UK small wind market volume, by axis, 2019 - 2030 (Mega Watts)
Table 48. UK small wind market revenue, by axis, 2019 - 2030 (USD Million)
Table 49. Rest of Europe small wind market estimates & forecast, 2019 - 2030 (Mega Watts) (USD Million)
Table 50. Rest of Europe small wind market volume, by application, 2019 - 2030 (Mega Watts)
Table 51. Rest of Europe small wind market revenue, by application, 2019 - 2030 (USD Million)
Table 52. Rest of Europe small wind market volume, by axis, 2019 - 2030 (Mega Watts)
Table 53. Rest of Europe small wind market revenue, by axis, 2019 - 2030 (USD Million)

Table 54. Asia Pacific small wind market estimates & forecast, 2019 - 2030 (Mega Watts) (USD Million)

Table 55. Asia Pacific small wind market volume, by application, 2019 - 2030 (Mega Watts)

Table 56. Asia Pacific small wind market revenue, by application, 2019 - 2030 (USD Million)

Table 57. Asia Pacific small wind market volume, by axis, 2019 - 2030 (Mega Watts)

Table 58. Asia Pacific small wind market revenue, by application, 2019 - 2030 (USD Million)

Table 59. China small wind market estimates & forecast, 2019 - 2030 (Mega Watts) (USD Million)

Table 60. China small wind market volume, by application, 2019 - 2030 (Mega Watts)

Table 61. China Small Wind Market revenue, by application, 2019 - 2030 (USD Million)

Table 62. China Small Wind Market volume, by axis, 2019 - 2030 (Mega Watts)

Table 63. China Small Wind Market revenue, by axis, 2019 - 2030 (USD Million)

Table 64. India Small Wind Market estimates & forecast, 2019 - 2030 (Mega Watts) (USD Million)

Table 65. India Small Wind Market volume, by application, 2019 - 2030 (Mega Watts)

Table 66. India Small Wind Market revenue, by application, 2019 - 2030 (USD Million)

Table 67. India Small Wind Market volume, by axis, 2019 - 2030 (Mega Watts)

Table 68. India Small Wind Market revenue, by axis, 2019 - 2030 (USD Million)

Table 69. Japan Small Wind Market estimates & forecast, 2019 - 2030 (Mega Watts) (USD Million)

Table 70. Japan Small Wind Market volume, by application, 2019 - 2030 (Mega Watts)

Table 71. Japan Small Wind Market revenue, by application, 2019 - 2030 (USD Million)

Table 72. Japan Small Wind Market volume, by axis, 2019 - 2030 (Mega Watts)

Table 73. Japan Small Wind Market revenue, by axis, 2019 - 2030 (USD Million)

Table 74. South Korea Small Wind Market estimates & forecast, 2019 - 2030 (Mega Watts) (USD Million)

Table 75. South Korea Small Wind Market volume, by application, 2019 - 2030 (Kilo Tons)

Table 76. South Korea Small Wind Market revenue, by application, 2019 - 2030 (USD Million)

Table 77. South Korea Small Wind Market revenue, by axis, 2019 - 2030 (USD Million)

Table 78. Rest of Asia Pacific Small Wind Market estimates & forecast, 2019 - 2030 (Mega Watts) (USD Million)

Table 79. Rest of Asia Pacific Small Wind Market volume, by application, 2019 - 2030 (Kilo Tons)

Table 80. Rest of Asia Pacific Small Wind Market revenue, by application, 2019 - 2030

(USD Million)

Table 81. Rest of Asia Pacific Small Wind Market volume, by axis, 2019 - 2030 (Mega Watts)

Table 82. Rest of Asia Pacific Small Wind Market revenue, by axis, 2019 - 2030 (USD Million)

Table 83. CSA Small Wind Market estimates & forecast, 2019 - 2030 (Mega Watts)
(USD Million)

Table 84. CSA Small Wind Market volume, by application, 2019 - 2030 (Mega Watts)

Table 85. CSA Small Wind Market revenue, by application, 2019 - 2030 (USD Million)

Table 86. CSA Small Wind Market volume, by axis, 2019 - 2030 (Mega Watts)

Table 87. CSA Small Wind Market revenue, by axis, 2019 - 2030 (USD Million)

Table 88. Brazil Small Wind Market estimates & forecast, 2019 - 2030 (Mega Watts)
(USD Million)

Table 89. Brazil Small Wind Market volume, by application, 2019 - 2030 (Mega Watts)

Table 90. Brazil Small Wind Market revenue, by application, 2019 - 2030 (USD Million)

Table 91. Brazil Small Wind Market volume, by axis, 2019 - 2030 (Mega Watts)

Table 92. Brazil Small Wind Market revenue, by axis, 2019 - 2030 (USD Million)

Table 93. Rest of CSA Small Wind Market estimates & forecast, 2019 - 2030 (Mega Watts)
(USD Million)

Table 94. Rest of CSA Small Wind Market volume, by application, 2019 - 2030 (Mega Watts)

Table 95. Rest of CSA Small Wind Market revenue, by application, 2019 - 2030 (USD Million)

Table 96. Rest of CSA Small Wind Market volume, by axis, 2019 - 2030 (Mega Watts)

Table 97. Rest of CSA Small Wind Market revenue, by axis, 2019 - 2030 (USD Million)

Table 98. MEA Small Wind Market estimates & forecast, 2019 - 2030 (Mega Watts)
(USD Million)

Table 99. MEA Small Wind Market volume, by application, 2019 - 2030 (Mega Watts)

Table 100. MEA Small Wind Market revenue, by application, 2019 - 2030 (USD Million)

Table 101. MEA Small Wind Market volume, by application, 2018 - 2030 (Mega Watts)

Table 102. MEA Small Wind Market revenue, by application, 2019 - 2030 (USD Million)

List Of Figures

LIST OF FIGURES

- Fig. 1 Small wind market snapshot
- Fig. 2. Small wind market volume, 2021, (Megawatts)
- Fig. 3. Small wind market segmentation
- Fig. 4. Small wind market volume & revenue, 2019 - 2030 (Megawatts) (USD Million)
- Fig. 5. Small wind value chain analysis
- Fig. 6. Small wind market dynamics
- Fig. 7. Small wind market driver impact
- Fig. 8. Contribution of wind energy to total global energy demand
- Fig. 9. Small wind market restraint impact
- Fig. 10. Key opportunities prioritized
- Fig. 11. Small wind market - Porter's Five Forces analysis
- Fig. 12. PESTEL analysis
- Fig. 13. Small wind market volume by application, 2021 & 2030
- Fig. 14. Small wind market volume by axis type, 2021 & 2030
- Fig. 15. Small wind market volume by region, 2021 & 2030
- Fig. 16. Strategy Framework ?

I would like to order

Product name: Small Wind Market Size, Share & Trends Analysis Report By Application (Off Grid, On Grid), By Axis Type (Horizontal Axis, Vertical Axis), By Region And Segment Forecasts, 2022 - 2030

Product link: <https://marketpublishers.com/r/S1C67E164A7EN.html>

Price: US\$ 5,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/S1C67E164A7EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970