

# **Middle East & Africa Wind Turbine Rotor Blade Market Forecast to 2030 - Regional Analysis - by Type (Below 40m, 41-60m, 61-70m, and Above 70m) and Deployment Type (Onshore and Offshore)**

<https://marketpublishers.com/r/MB082C69C57AEN.html>

Date: May 2024

Pages: 64

Price: US\$ 3,550.00 (Single User License)

ID: MB082C69C57AEN

## **Abstracts**

The Middle East & Africa wind turbine rotor blade market was valued at US\$ 370.90 million in 2022 and is expected to reach US\$ 871.09 million by 2030; it is estimated to grow at a CAGR of 11.3% from 2022 to 2030.

Increasing Adoption of Recycling Technology Middle East & Africa Wind Turbine Rotor Blade Market.

Key players in the wind turbine blade industry continuously focus on developing innovative designs and materials for the turbine blade to increase overall efficiency. In the last two years, many public and private organizations have successfully developed recycled blade manufacturing processes. For instance, Siemens Games came up with the industry's first recycled blade for offshore and onshore wind farms. Moreover, many private organizations have developed recycling processes for decommissioned wind turbine blades. Previously, the industry was unable to recycle wind turbine blades after decommissioning, owing to which the blades would end up in the trash, further increasing the need for waste management activities and the risk of environmental pollution. With these innovative recycling methods, blade materials can be recycled and repurposed in various sectors. For instance, Carbon Rivers developed a method for recovering clean, mechanically intact glass fiber from decommissioned wind turbine blades. These methods will help the wind turbines to become truly sustainable. Such initiatives are expected to reduce the overall impact generated by wind turbine blades, allowing energy companies to deploy a high number of offshore wind turbines without any risks of environmental pollution and the government's stringent regulations or

limitations.

## Middle East & Africa Wind Turbine Rotor Blade Market Overview

The Middle East & Africa holds a large potential for generating wind energy owing to the abundant availability of wind resource. As per the GWEC report published in 2023, the Middle East & Africa is expected to add 17 GW of new wind power capacity by 2027. Among these, the 17 GW capacity additions from 2023 to 2027 will come from South Africa, 3.6 GW from Egypt, 2.4 GW from Saudi Arabia, and 2.2 GW from Morocco. The GWEC estimated the African continent alone has more than 59,000 GW of technical wind resource potential, which is quite enough to fulfill the continent's energy demand by 250 times. However, the current installed wind power capacity in Africa only accounts for 0.01% of this potential. Thus, such huge potential of wind resources holds a lucrative opportunity for the country, which can help drive the wind turbine rotor blade market growth over the projected period.

## Middle East & Africa Wind Turbine Rotor Blade Market Revenue and Forecast to 2030 (US\$ Million)

### Middle East & Africa Wind Turbine Rotor Blade Market Segmentation

The Middle East & Africa wind turbine rotor blade market is segmented based on type, deployment type, and country. Based on type, the Middle East & Africa wind turbine rotor blade market is segmented into Below 40m, 41-60m, 61-70m, and Above 70m . The Above 70m segment held the largest market share in 2022.

Based on deployment type, the Middle East & Africa wind turbine rotor blade market is bifurcated into onshore and offshore . The onshore held a larger market share in 2022.

Based on country, the Middle East & Africa wind turbine rotor blade market is segmented into Saudi Arabia, Egypt, South Africa, and the Rest of Middle East & Africa. South Africa dominated the Middle East & Africa wind turbine rotor blade market share in 2022.

TPI Composites Inc, Vestas Wind Systems AS, ENERCON GmbH, LM Wind Power AS, Siemens Gamesa Renewable Energy SA, Acciona SA, Suzlon Energy Ltd, Nordex SE, and Envision Energy USA Ltd are some of the leading companies operating in the Middle East & Africa wind turbine rotor blade market.

## Contents

### **1. INTRODUCTION**

- 1.1 The Insight Partners Research Report Guidance
- 1.2 Market Segmentation

### **2. EXECUTIVE SUMMARY**

- 2.1 Key Insights
- 2.2 Market Attractiveness

### **3. RESEARCH METHODOLOGY**

- 3.1 Coverage
- 3.2 Secondary Research
- 3.3 Primary Research

### **4. MIDDLE EAST & AFRICA WIND TURBINE ROTOR BLADE MARKET LANDSCAPE**

- 4.1 Overview
- 4.2 Ecosystem Analysis

### **5. MIDDLE EAST & AFRICA WIND TURBINE ROTOR BLADE MARKET - KEY INDUSTRY DYNAMICS**

- 5.1 Wind Turbine Rotor Blade Market - Key Industry Dynamics
- 5.2 Market Drivers
  - 5.2.1 Increased Energy Consumption and Trends of Clean Energy
  - 5.2.2 Government Initiatives to Boost Green Energy Production
  - 5.2.3 Innovations in Wind Turbine Blade Designs
- 5.3 Market Restraints
  - 5.3.1 High Cost of Wind Turbine Installation and Maintenance
- 5.4 Market Opportunities
  - 5.4.1 Growing Investments in Offshore Wind Projects
- 5.5 Future Trends
  - 5.5.1 Increasing Adoption of Recycling Technology
- 5.6 Impact of Drivers and Restraints:

## **6. WIND TURBINE ROTOR BLADE MARKET - MIDDLE EAST & AFRICA MARKET ANALYSIS**

6.1 Wind Turbine Rotor Blade Market Revenue (US\$ Million), 2022 - 2030

6.2 Wind Turbine Rotor Blade Market Forecast and Analysis

## **7. MIDDLE EAST & AFRICA WIND TURBINE ROTOR BLADE MARKET ANALYSIS -TYPE**

7.1 Wind Turbine Rotor Blade Market, By Type (2022 and 2030)

7.2 Below 40m

7.2.1 Overview

7.2.2 Below 40m Market, Revenue and Forecast to 2030 (US\$ Million)

7.3 41-60m

7.3.1 Overview

7.3.2 41-60m Market, Revenue and Forecast to 2030 (US\$ Million)

7.4 61-70m

7.4.1 Overview

7.4.2 61-70m Market, Revenue and Forecast to 2030 (US\$ Million)

7.5 Above 70m

7.5.1 Overview

7.5.2 Above 70m Market, Revenue and Forecast to 2030 (US\$ Million)

## **8. MIDDLE EAST & AFRICA WIND TURBINE ROTOR BLADE MARKET ANALYSIS - DEPLOYMENT TYPE**

8.1 Wind Turbine Rotor Blade Market, By Deployment Type (2022 and 2030)

8.2 Onshore

8.2.1 Overview

8.2.2 Onshore Market, Revenue and Forecast to 2030 (US\$ Million)

8.3 Offshore

8.3.1 Overview

8.3.2 Offshore Market, Revenue and Forecast to 2030 (US\$ Million)

## **9. MIDDLE EAST & AFRICA WIND TURBINE ROTOR BLADE MARKET - COUNTRY ANALYSIS**

9.1 Middle East & Africa

- 9.1.1 Middle East & Africa Wind Turbine Rotor Blade Market Overview
- 9.1.2 Middle East & Africa Wind Turbine Rotor Blade Market Revenue and Forecasts and Analysis - By Country
  - 9.1.2.1 South Africa Wind Turbine Rotor Blade Market Revenue and Forecasts to 2030 (US\$ Mn)
    - 9.1.2.1.1 South Africa Wind Turbine Rotor Blade Market Breakdown by Type
    - 9.1.2.1.2 South Africa Wind Turbine Rotor Blade Market Breakdown by Deployment Type
  - 9.1.2.2 Saudi Arabia Wind Turbine Rotor Blade Market Revenue and Forecasts to 2030 (US\$ Mn)
    - 9.1.2.2.1 Saudi Arabia Wind Turbine Rotor Blade Market Breakdown by Type
    - 9.1.2.2.2 Saudi Arabia Wind Turbine Rotor Blade Market Breakdown by Deployment Type
  - 9.1.2.3 Egypt Wind Turbine Rotor Blade Market Revenue and Forecasts to 2030 (US\$ Mn)
    - 9.1.2.3.1 Egypt Wind Turbine Rotor Blade Market Breakdown by Type
    - 9.1.2.3.2 Egypt Wind Turbine Rotor Blade Market Breakdown by Deployment Type
  - 9.1.2.4 Rest of MEA Wind Turbine Rotor Blade Market Revenue and Forecasts to 2030 (US\$ Mn)
    - 9.1.2.4.1 Rest of MEA Wind Turbine Rotor Blade Market Breakdown by Type
    - 9.1.2.4.2 Rest of MEA Wind Turbine Rotor Blade Market Breakdown by Deployment Type

## **10. COMPETITIVE LANDSCAPE**

- 10.1 Heat Map Analysis by Key Players

## **11. INDUSTRY LANDSCAPE**

- 11.1 Overview
- 11.2 Market Initiative
- 11.3 Product Development
- 11.4 Mergers & Acquisitions

## **12. COMPANY PROFILES**

- 12.1 TPI Composites Inc
  - 12.1.1 Key Facts
  - 12.1.2 Business Description

- 12.1.3 Products and Services
- 12.1.4 Financial Overview
- 12.1.5 SWOT Analysis
- 12.1.6 Key Developments
- 12.2 Vestas Wind Systems AS
  - 12.2.1 Key Facts
  - 12.2.2 Business Description
  - 12.2.3 Products and Services
  - 12.2.4 Financial Overview
  - 12.2.5 SWOT Analysis
  - 12.2.6 Key Developments
- 12.3 ENERCON GmbH
  - 12.3.1 Key Facts
  - 12.3.2 Business Description
  - 12.3.3 Products and Services
  - 12.3.4 Financial Overview
  - 12.3.5 SWOT Analysis
  - 12.3.6 Key Developments
- 12.4 LM Wind Power AS
  - 12.4.1 Key Facts
  - 12.4.2 Business Description
  - 12.4.3 Products and Services
  - 12.4.4 Financial Overview
  - 12.4.5 SWOT Analysis
  - 12.4.6 Key Developments
- 12.5 Siemens Gamesa Renewable Energy SA
  - 12.5.1 Key Facts
  - 12.5.2 Business Description
  - 12.5.3 Products and Services
  - 12.5.4 Financial Overview
  - 12.5.5 SWOT Analysis
  - 12.5.6 Key Developments
- 12.6 Acciona SA
  - 12.6.1 Key Facts
  - 12.6.2 Business Description
  - 12.6.3 Products and Services
  - 12.6.4 Financial Overview
  - 12.6.5 SWOT Analysis
  - 12.6.6 Key Developments

## 12.7 Suzlon Energy Ltd

### 12.7.1 Key Facts

### 12.7.2 Business Description

### 12.7.3 Products and Services

### 12.7.4 Financial Overview

### 12.7.5 SWOT Analysis

### 12.7.6 Key Developments

## 12.8 Nordex SE

### 12.8.1 Key Facts

### 12.8.2 Business Description

### 12.8.3 Products and Services

### 12.8.4 Financial Overview

### 12.8.5 SWOT Analysis

### 12.8.6 Key Developments

## 12.9 Envision Energy USA Ltd

### 12.9.1 Key Facts

### 12.9.2 Business Description

### 12.9.3 Products and Services

### 12.9.4 Financial Overview

### 12.9.5 SWOT Analysis

### 12.9.6 Key Developments

## **13. APPENDIX**

### 13.1 About The Insight Partners

## I would like to order

Product name: Middle East & Africa Wind Turbine Rotor Blade Market Forecast to 2030 - Regional Analysis - by Type (Below 40m, 41-60m, 61-70m, and Above 70m) and Deployment Type (Onshore and Offshore)

Product link: <https://marketpublishers.com/r/MB082C69C57AEN.html>

Price: US\$ 3,550.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/MB082C69C57AEN.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