

Middle East Wind Energy Foundation Market Size, Share & Trends Analysis Report By Foundation (Monopile, Gravity-Based Structure, Space Frame-Tripod), By Location (Onshore, Offshore), By Country, And Segment Forecasts, 2025 - 2033

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Abstracts

The Middle East wind energy foundation market size was estimated at USD 1.23 billion in 2024 and is projected to reach USD 2.17 billion by 2033, growing at a CAGR of 6.4% from 2025 to 2033. The market's expansion is driven by the region's increasing focus on renewable energy adoption, ambitious decarbonization agendas, and the need for diversified energy mixes to meet rising electricity demand.

Under initiatives such as Saudi Vision 2030, UAE Energy Strategy 2050, and Oman Vision 2040, governments across the Middle East actively support wind energy deployment through policy incentives, feed-in tariffs, and infrastructure development programs. These initiatives aim to reduce carbon emissions, enhance energy security, and strengthen sustainable power generation capacity across residential, commercial, and industrial sectors.

The wind energy foundation industry's growth is further bolstered by technological advancements in wind turbine design, digital monitoring systems, and predictive maintenance tools, which improve operational efficiency and reduce downtime. Large-scale wind projects, particularly in Saudi Arabia, the UAE, Oman, and smaller distributed wind installations for industrial and critical infrastructure, are creating significant growth opportunities. Favorable financing models, public-private partnerships, and international collaboration with leading wind energy technology providers also support investment flows. Key players active in the market include Siemens Gamesa, Vestas, GE Renewable Energy, Suzlon, Goldwind, and emerging

regional developers. With ongoing infrastructure modernization, increasing grid connectivity, and regional commitment to renewable energy targets, the market is poised to become a cornerstone of sustainable regional power generation.

Middle East Wind Energy Foundation Market Report Segmentation

This report forecasts revenue growth at the regional and country levels and provides an analysis of the latest industry trends in each of the sub-segments from 2021 to 2033. For this study, Grand View Research has segmented the Middle East wind energy foundation market report based on foundation, location, and country:

Foundation Outlook (Revenue, USD Million, 2021 - 2033)

- Monopile

- Gravity-Based Structure (GBS)

- Space Frame-Tripod

- Space Frame-Jacket

- Space Frame Tri-Pile

Location Outlook (Revenue, USD Million, 2021 - 2033)

- Onshore

- Offshore

Country Outlook (Revenue, USD Million, 2021 - 2033)

- Middle East

 - UAE

 - Saudi Arabia

 - Israel

Oman

Qatar

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