

# Off-road Motorcycles Market Size, Trends, Analysis, and Outlook by Type (Dirt Bikes, Adventure Bikes, Trial Bikes, Enduro Bikes, Kids Motorbikes, Others), Application (Recreational, D?fense), by Country, Segment, and Companies, 2024-2030

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# **Abstracts**

The global Green Vehicle Technology market size is poised to register 21.41% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The study analyzes the global Green Vehicle Technology market by Type (Electric and fuel cell-powered, Hybrid electric powered, Compressed air powered, Electric Motor and Pedal Powered, Others), Vehicle (Two-wheeler, Passenger cars, Commercial vehicles).

The Green Vehicle Technology Market is poised for significant transformation driven by key trends and drivers shaping its trajectory toward 2030. With increasing concerns about climate change and air pollution, there's a growing emphasis on sustainable transportation solutions, driving the demand for green vehicle technologies such as electric, hybrid, and fuel cell vehicles. Government regulations mandating lower emissions and incentives for green vehicle adoption are accelerating market growth, while advancements in battery technology, charging infrastructure, and renewable energy sources are enhancing the feasibility and appeal of electric vehicles. In addition, the automotive industry's shift toward autonomous and connected vehicles is integrating green technologies into smart mobility ecosystems, tech companies, and policymakers to create a cleaner and more sustainable transportation future.

Green Vehicle Technology Market Drivers, Trends, Opportunities, and Growth Opportunities

This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The Green Vehicle Technology market research



analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Green Vehicle Technology survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the Green Vehicle Technology industry.

Key market trends defining the global Green Vehicle Technology demand in 2024 and Beyond

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

Green Vehicle Technology Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The Green Vehicle Technology industry comprises a wide range of segments and subsegments. The rising demand for these product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue growth from expansion into these niche segments. The report presents the market size outlook across segments to support Green Vehicle Technology companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the Green Vehicle Technology industry Leading Green Vehicle Technology companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments and surging demand conditions in key regions. Further, companies are leveraging advanced technologies to unlock opportunities and achieve operational excellence. The report provides key strategies opted for by the top 10 Green Vehicle Technology companies.

Green Vehicle Technology Market Study- Strategic Analysis Review
The Green Vehicle Technology market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions-Industry Dynamics: Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.
Strategic Insights: Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

Internal Strengths and Weaknesses: Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.



Future Possibilities: Prepare for diverse outcomes with in-depth scenario analysis. Explore potential market disruptions, technology advancements, and economic changes.

Green Vehicle Technology Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Green Vehicle Technology industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2030 in three case scenarios- low case, reference case, and high case scenarios.

Green Vehicle Technology Country Analysis and Revenue Outlook to 2030 The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2030. In addition, region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America is included in the study. For each of the six regions, the market size outlook by segments is forecast for 2030.

North America Green Vehicle Technology Market Size Outlook- Companies plan for focused investments in a changing environment

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong end-user industry demand. Leading companies focus on new product launches in the changing environment. The US economy is expected to grow in 2024 (around 2.2% growth in 2024), potentially driving demand for various Green Vehicle Technology market segments. Similarly, Strong end-user demand is encouraging Canadian Green Vehicle Technology companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico Green Vehicle Technology market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe Green Vehicle Technology Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Green Vehicle Technology industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of businesses in identifying and leveraging new growth prospects positions the European Green Vehicle Technology market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing



effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

Asia Pacific Green Vehicle Technology Market Size Outlook- an attractive hub for opportunities for both local and global companies

The increasing prevalence of indications, robust healthcare expenditure, and increasing investments in healthcare infrastructure drive the demand for Green Vehicle Technology in Asia Pacific. In particular, China, India, and South East Asian Green Vehicle Technology markets present a compelling outlook for 2030, acting as a magnet for both domestic and multinational manufacturers seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning their strategies to navigate changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major markets in the region.

Latin America Green Vehicle Technology Market Size Outlook- Continued urbanization and rising income levels

Rising income levels contribute to greater purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

Middle East and Africa Green Vehicle Technology Market Size Outlook- continues its upward trajectory across segments

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East Green Vehicle Technology market potential. Fueled by increasing consumption expenditure, growing population, and high demand across a few markets drives the demand for Green Vehicle Technology.

Green Vehicle Technology Market Company Profiles

The global Green Vehicle Technology market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are BMW AG, BYD Company Ltd, Daimler AG, Energica Motor Company S.p.A., Ford Motor Company, General Motor Company, Mitsubishi Motors Corp, Nissan Motor Corp, Tesla Inc, Toyota Motor Corp, Volkswagen AG.



Recent Green Vehicle Technology Market Developments

The global Green Vehicle Technology market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

Green Vehicle Technology Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2030 (Forecast

Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local

Currency)

**Qualitative Analysis** 

**Pricing Analysis** 

Value Chain Analysis

**SWOT Profile** 

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

#### Market Segmentation:

Type

Electric and fuel cell-powered

Hybrid electric powered

Compressed air powered

Electric Motor and Pedal Powered

Others

Vehicle

Two-wheeler

Passenger cars

Commercial vehicles

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)



Companies

**BMW AG** 

**BYD Company Ltd** 

Daimler AG

Energica Motor Company S.p.A.

Ford Motor Company

General Motor Company

Mitsubishi Motors Corp

Nissan Motor Corp

Tesla Inc

**Toyota Motor Corp** 

Volkswagen AG.

Formats Available: Excel, PDF, and PPT



# **Contents**

# 1. EXECUTIVE SUMMARY

- 1.1 Off-road Motorcycles Market Overview and Key Findings, 2024
- 1.2 Off-road Motorcycles Market Size and Growth Outlook, 2021- 2030
- 1.3 Off-road Motorcycles Market Growth Opportunities to 2030
- 1.4 Key Off-road Motorcycles Market Trends and Challenges
  - 1.4.1 Off-road Motorcycles Market Drivers and Trends
  - 1.4.2 Off-road Motorcycles Market Challenges
- 1.5 Competitive Landscape and Key Players
- 1.6 Competitive Analysis- Growth Strategies Adopted by Leading Off-road Motorcycles Companies

#### 2. OFF-ROAD MOTORCYCLES MARKET SIZE OUTLOOK TO 2030

- 2.1 Off-road Motorcycles Market Size Outlook, USD Million, 2021- 2030
- 2.2 Off-road Motorcycles Incremental Market Growth Outlook, %, 2021-2030
- 2.3 Segment Snapshot, 2024

## 3. OFF-ROAD MOTORCYCLES MARKET- STRATEGIC ANALYSIS REVIEW

- 3.1 Porter's Five Forces Analysis
- \* Threat of New Entrants
- \* Threat of Substitutes
- \* Intensity of Competitive Rivalry
- \* Bargaining Power of Buyers
- \* Bargaining Power of Suppliers
- 3.2 Value Chain Analysis
- 3.3 SWOT Analysis

# 4. OFF-ROAD MOTORCYCLES MARKET SEGMENTATION ANALYSIS AND OUTLOOK

- 4.1 Market Segmentation and Scope
- 4.2 Market Breakdown by Type, Application, and Other Segments, 2021-2030

Type

**Dirt Bikes** 

Adventure Bikes



**Trial Bikes** 

**Enduro Bikes** 

Kids Motorbikes

Others

Application

Recreational

D?fense

- 4.3 Growth Prospects and Niche Opportunities, 2023-2030
- 4.4 Regional comparison of Market Growth, CAGR, 2023-2030

#### 5. REGION-WISE MARKET OUTLOOK TO 2030

- 5.1 Key Findings for Asia Pacific Off-road Motorcycles Market, 2025
- 5.2 Asia Pacific Off-road Motorcycles Market Size Outlook by Type, 2021- 2030
- 5.3 Asia Pacific Off-road Motorcycles Market Size Outlook by Application, 2021- 2030
- 5.4 Key Findings for Europe Off-road Motorcycles Market, 2025
- 5.5 Europe Off-road Motorcycles Market Size Outlook by Type, 2021- 2030
- 5.6 Europe Off-road Motorcycles Market Size Outlook by Application, 2021- 2030
- 5.7 Key Findings for North America Off-road Motorcycles Market, 2025
- 5.8 North America Off-road Motorcycles Market Size Outlook by Type, 2021- 2030
- 5.9 North America Off-road Motorcycles Market Size Outlook by Application, 2021-2030
- 5.10 Key Findings for South America Off-road Motorcycles Market, 2025
- 5.11 South America Pacific Off-road Motorcycles Market Size Outlook by Type, 2021-2030
- 5.12 South America Off-road Motorcycles Market Size Outlook by Application, 2021-2030
- 5.13 Key Findings for Middle East and Africa Off-road Motorcycles Market, 2025
- 5.14 Middle East Africa Off-road Motorcycles Market Size Outlook by Type, 2021- 2030
- 5.15 Middle East Africa Off-road Motorcycles Market Size Outlook by Application, 2021-2030

#### 6. COUNTRY-WISE MARKET SIZE OUTLOOK TO 2030

- 6.1 US Off-road Motorcycles Market Size Outlook and Revenue Growth Forecasts
- 6.2 US Off-road Motorcycles Industry Drivers and Opportunities
- 6.3 Canada Market Size Outlook and Revenue Growth Forecasts
- 6.4 Canada Off-road Motorcycles Industry Drivers and Opportunities
- 6.6 Mexico Market Size Outlook and Revenue Growth Forecasts



- 6.6 Mexico Off-road Motorcycles Industry Drivers and Opportunities
- 6.7 Germany Market Size Outlook and Revenue Growth Forecasts
- 6.8 Germany Off-road Motorcycles Industry Drivers and Opportunities
- 6.9 France Market Size Outlook and Revenue Growth Forecasts
- 6.10 France Off-road Motorcycles Industry Drivers and Opportunities
- 6.11 UK Market Size Outlook and Revenue Growth Forecasts
- 6.12 UK Off-road Motorcycles Industry Drivers and Opportunities
- 6.13 Spain Market Size Outlook and Revenue Growth Forecasts
- 6.14 Spain Off-road Motorcycles Industry Drivers and Opportunities
- 6.16 Italy Market Size Outlook and Revenue Growth Forecasts
- 6.16 Italy Off-road Motorcycles Industry Drivers and Opportunities
- 6.17 Rest of Europe Market Size Outlook and Revenue Growth Forecasts
- 6.18 Rest of Europe Off-road Motorcycles Industry Drivers and Opportunities
- 6.19 China Market Size Outlook and Revenue Growth Forecasts
- 6.20 China Off-road Motorcycles Industry Drivers and Opportunities
- 6.21 India Market Size Outlook and Revenue Growth Forecasts
- 6.22 India Off-road Motorcycles Industry Drivers and Opportunities
- 6.23 Japan Market Size Outlook and Revenue Growth Forecasts
- 6.24 Japan Off-road Motorcycles Industry Drivers and Opportunities
- 6.26 South Korea Market Size Outlook and Revenue Growth Forecasts
- 6.26 South Korea Off-road Motorcycles Industry Drivers and Opportunities
- 6.27 Australia Market Size Outlook and Revenue Growth Forecasts
- 6.28 Australia Off-road Motorcycles Industry Drivers and Opportunities
- 6.29 South East Asia Market Size Outlook and Revenue Growth Forecasts
- 6.30 South East Asia Off-road Motorcycles Industry Drivers and Opportunities
- 6.31 Rest of Asia Pacific Market Size Outlook and Revenue Growth Forecasts
- 6.32 Rest of Asia Pacific Off-road Motorcycles Industry Drivers and Opportunities
- 6.33 Brazil Market Size Outlook and Revenue Growth Forecasts
- 6.34 Brazil Off-road Motorcycles Industry Drivers and Opportunities
- 6.36 Argentina Market Size Outlook and Revenue Growth Forecasts
- 6.36 Argentina Off-road Motorcycles Industry Drivers and Opportunities
- 6.37 Rest of South America Market Size Outlook and Revenue Growth Forecasts
- 6.38 Rest of South America Off-road Motorcycles Industry Drivers and Opportunities
- 6.39 Middle East Market Size Outlook and Revenue Growth Forecasts
- 6.40 Middle East Off-road Motorcycles Industry Drivers and Opportunities
- 6.41 Africa Market Size Outlook and Revenue Growth Forecasts
- 6.42 Africa Off-road Motorcycles Industry Drivers and Opportunities

## 7. OFF-ROAD MOTORCYCLES MARKET OUTLOOK ACROSS SCENARIOS



- 7.1 Low Growth Case
- 7.2 Reference Growth Case
- 7.3 High Growth Case

#### 8. OFF-ROAD MOTORCYCLES COMPANY PROFILES

- 8.1 Profiles of Leading Off-road Motorcycles Companies in the Market
- 8.2 Business Descriptions, SWOT Analysis, and Growth Strategies
- 8.3 Financial Performance and Key Metrics

Bajaj Auto Ltd

**BMW AG** 

Ducati Motor Holding S.p.A.

Harley-Davidson Inc

Hero MotoCorp Ltd

Honda Motor Co. Ltd

Kawasaki Heavy Industries Ltd

Suzuki Motor Corp

TVS Motor Company

Yamaha Motor Co. Ltd

#### 9. APPENDIX

- 9.1 Scope of the Report
- 9.2 Research Methodology and Data Sources
- 9.3 Glossary of Terms
- 9.4 Market Definitions
- 9.5 Contact Information



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