

# Global Low Emission Vehicle Market Size study & Forecast, by Type (Hybrid, Mild Hybrid, and Pure Electric Vehicle), by Vehicle Type (Passenger Cars and Commercial Vehicles) and Regional Analysis, 2023-2030

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## Abstracts

Global Low Emission Vehicle Market is valued at approximately USD 109.565 billion in 2022 and is anticipated to grow with a healthy growth rate of more than 15% over the forecast period 2023-2030. Low emission vehicle refers to the type of vehicle that does not emit any hazardous gases into the atmosphere that affects the overall environment ecosystem. The Low Emission Vehicle Market is expanding because of factors such as increasing demand for fuel-efficient vehicles and a rise in demand of commercial vehicles. Moreover, the increased demand for commercial vehicles can drive innovation and investment in low emission technologies, leading to the development of more advanced and efficient low emission vehicles.

According to Statista in 2022, around 24.1 million vehicles were sold globally and in 2021, the globe manufactured about 23.24 million large buses, light commercial vehicles, and trucks. Around 80% of all commercial vehicles manufactured in that year were light commercial vehicles. The increasing demand for fuel-efficient vehicles has led to the growth of the low-emission vehicle market. According to the Statista around 16,000 fuel cell electric vehicles (FCEVs) were recorded globally at the start of 2020. The global FCEV fleet is predicted to reach 13 million units by 2030, with a compound annual growth rate of about 95,4% in between year 2020 and 2030. In addition, rising investments in low carbon technologies and technological advancements in low emission vehicle would create lucrative growth opportunities. However, the high cost of electric vehicles and lack of charging infrastructure stifles market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Low Emission Vehicle Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America region dominates the market during the forecast period owing to factors such as rising environmental awareness of the buyers, government incentives and the competition among the automakers to come up with a greener vehicle. Private players have enough advanced technology and they aim to lower the pollution levels of the country. Asia Pacific is the fastest growing region owing to factors such as the high demand for lower cost-efficient and low-emission vehicles and growing high-performance Passenger vehicles in the region.

Major market player included in this report are:

Tesla Inc

Volkswagen AG

Toyota Motor Corporation

Hyundai Motor Company

The Volvo Group

Ford Motor company

General Motors

The Daimler Motoren-Gesellschaft

Bayerische Motoren Werke AG

Honda Motor CO., Ltd.

Recent Developments in the Market:

In January 2022, A memorandum of understanding was signed by the Volkswagen Group and the Bosch Group to investigate the creation of a European battery equipment solution supplier. For battery cell and system makers, the two businesses intend to offer integrated battery production solutions as well as on-site ramp-up and maintenance assistance.

In December 2021, Hyundai India announced six new electric vehicles to be introduced by 2028, along with an investment of Rs 4,000 crore to develop these new models and the nation's charging infrastructure, signalling a shift in strategy by the company to increase the range of its electric vehicles in India. With a strong emphasis on local manufacturing synergies, Hyundai may also introduce to India its highly regarded E-GMP modular platform as well as adapted platforms to promote the use of Battery Electric Vehicles (BEVs).

Global Low Emission Vehicle Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered - Type, Vehicle Type, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope\*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type:

Hybrid

Mild Hybrid

Pure Electric Vehicle

By Vehicle Type:

Passenger Cars

Commercial Vehicles

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France  
Spain  
Italy  
ROE

Asia Pacific  
China  
India  
Japan  
Australia  
South Korea  
RoAPAC

Latin America  
Brazil  
Mexico

Middle East & Africa  
Saudi Arabia  
South Africa  
Rest of Middle East & Africa

## Contents

### **CHAPTER 1. EXECUTIVE SUMMARY**

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2020-2030 (USD Billion)
  - 1.2.1. Low Emission Vehicle Market, by Region, 2020-2030 (USD Billion)
  - 1.2.2. Low Emission Vehicle Market, by Type, 2020-2030 (USD Billion)
  - 1.2.3. Low Emission Vehicle Market, by Vehicle Type, 2020-2030 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

### **CHAPTER 2. GLOBAL LOW EMISSION VEHICLE MARKET DEFINITION AND SCOPE**

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
  - 2.2.1. Industry Evolution
  - 2.2.2. Scope of the Study
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

### **CHAPTER 3. GLOBAL LOW EMISSION VEHICLE MARKET DYNAMICS**

- 3.1. Low Emission Vehicle Market Impact Analysis (2020-2030)
  - 3.1.1. Market Drivers
    - 3.1.1.1. Increasing demand for fuel-efficient vehicles
    - 3.1.1.2. Rise in demand of commercial vehicles
  - 3.1.2. Market Challenges
    - 3.1.2.1. High cost of electric vehicles
    - 3.1.2.2. Lack of charging infrastructure
  - 3.1.3. Market Opportunities
    - 3.1.3.1. Rising investments in low carbon technologies
    - 3.1.3.2. Technological advancements in low emission vehicle

### **CHAPTER 4. GLOBAL LOW EMISSION VEHICLE MARKET INDUSTRY ANALYSIS**

- 4.1. Porter's 5 Force Model

- 4.1.1. Bargaining Power of Suppliers
- 4.1.2. Bargaining Power of Buyers
- 4.1.3. Threat of New Entrants
- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.2. Porter's 5 Force Impact Analysis
- 4.3. PEST Analysis
  - 4.3.1. Political
  - 4.3.2. Economical
  - 4.3.3. Social
  - 4.3.4. Technological
  - 4.3.5. Environmental
  - 4.3.6. Legal
- 4.4. Top investment opportunity
- 4.5. Top winning strategies
- 4.6. COVID-19 Impact Analysis
- 4.7. Disruptive Trends
- 4.8. Industry Expert Perspective
- 4.9. Analyst Recommendation & Conclusion

## **CHAPTER 5. GLOBAL LOW EMISSION VEHICLE MARKET, BY TYPE**

- 5.1. Market Snapshot
- 5.2. Global Low Emission Vehicle Market by Type, Performance - Potential Analysis
- 5.3. Global Low Emission Vehicle Market Estimates & Forecasts by Type 2020-2030 (USD Billion)
- 5.4. Low Emission Vehicle Market, Sub Segment Analysis
  - 5.4.1. Hybrid
  - 5.4.2. Mild Hybrid
  - 5.4.3. Pure Electric Vehicle

## **CHAPTER 6. GLOBAL LOW EMISSION VEHICLE MARKET, BY VEHICLE TYPE**

- 6.1. Market Snapshot
- 6.2. Global Low Emission Vehicle Market by Vehicle Type , Performance - Potential Analysis
- 6.3. Global Low Emission Vehicle Market Estimates & Forecasts by Vehicle Type 2020-2030 (USD Billion)
- 6.4. Low Emission Vehicle Market, Sub Segment Analysis

- 6.4.1. Passenger Cars
- 6.4.2. Commercial Vehicles

## **CHAPTER 7. GLOBAL LOW EMISSION VEHICLE MARKET, REGIONAL ANALYSIS**

- 7.1. Top Leading Countries
- 7.2. Top Emerging Countries
- 7.3. Low Emission Vehicle Market, Regional Market Snapshot
- 7.4. North America Low Emission Vehicle Market
  - 7.4.1. U.S. Low Emission Vehicle Market
    - 7.4.1.1. Type breakdown estimates & forecasts, 2020-2030
    - 7.4.1.2. Vehicle Type breakdown estimates & forecasts, 2020-2030
  - 7.4.2. Canada Low Emission Vehicle Market
- 7.5. Europe Low Emission Vehicle Market Snapshot
  - 7.5.1. U.K. Low Emission Vehicle Market
  - 7.5.2. Germany Low Emission Vehicle Market
  - 7.5.3. France Low Emission Vehicle Market
  - 7.5.4. Spain Low Emission Vehicle Market
  - 7.5.5. Italy Low Emission Vehicle Market
  - 7.5.6. Rest of Europe Low Emission Vehicle Market
- 7.6. Asia-Pacific Low Emission Vehicle Market Snapshot
  - 7.6.1. China Low Emission Vehicle Market
  - 7.6.2. India Low Emission Vehicle Market
  - 7.6.3. Japan Low Emission Vehicle Market
  - 7.6.4. Australia Low Emission Vehicle Market
  - 7.6.5. South Korea Low Emission Vehicle Market
  - 7.6.6. Rest of Asia Pacific Low Emission Vehicle Market
- 7.7. Latin America Low Emission Vehicle Market Snapshot
  - 7.7.1. Brazil Low Emission Vehicle Market
  - 7.7.2. Mexico Low Emission Vehicle Market
- 7.8. Middle East & Africa Low Emission Vehicle Market
  - 7.8.1. Saudi Arabia Low Emission Vehicle Market
  - 7.8.2. South Africa Low Emission Vehicle Market
  - 7.8.3. Rest of Middle East & Africa Low Emission Vehicle Market

## **CHAPTER 8. COMPETITIVE INTELLIGENCE**

- 8.1. Key Company SWOT Analysis
  - 8.1.1. Company

- 8.1.2. Company
- 8.1.3. Company
- 8.2. Top Market Strategies
- 8.3. Company Profiles
  - 8.3.1. Tesla Inc
    - 8.3.1.1. Key Information
    - 8.3.1.2. Overview
    - 8.3.1.3. Financial (Subject to Data Availability)
    - 8.3.1.4. Product Summary
    - 8.3.1.5. Recent Developments
  - 8.3.2. Volkswagen AG
  - 8.3.3. Toyota Motor Corporation
  - 8.3.4. Hyundai Motor Company
  - 8.3.5. The Volvo Group
  - 8.3.6. Ford Motor company
  - 8.3.7. General Motors
  - 8.3.8. The Daimler Motoren-Gesellschaft
  - 8.3.9. Bayerische Motoren Werke AG
  - 8.3.10. Honda Motor CO., Ltd.

## **CHAPTER 9. RESEARCH PROCESS**

- 9.1. Research Process
  - 9.1.1. Data Mining
  - 9.1.2. Analysis
  - 9.1.3. Market Estimation
  - 9.1.4. Validation
  - 9.1.5. Publishing
- 9.2. Research Attributes
- 9.3. Research Assumption



## List Of Tables

### LIST OF TABLES

TABLE 1. Global Low Emission Vehicle Market, report scope

TABLE 2. Global Low Emission Vehicle Market estimates & forecasts by Region  
2020-2030 (USD Billion)

TABLE 3. Global Low Emission Vehicle Market estimates & forecasts by Type  
2020-2030 (USD Billion)

TABLE 4. Global Low Emission Vehicle Market estimates & forecasts by Vehicle Type  
2020-2030 (USD Billion)

TABLE 5. Global Low Emission Vehicle Market by segment, estimates & forecasts,  
2020-2030 (USD Billion)

TABLE 6. Global Low Emission Vehicle Market by region, estimates & forecasts,  
2020-2030 (USD Billion)

TABLE 7. Global Low Emission Vehicle Market by segment, estimates & forecasts,  
2020-2030 (USD Billion)

TABLE 8. Global Low Emission Vehicle Market by region, estimates & forecasts,  
2020-2030 (USD Billion)

TABLE 9. Global Low Emission Vehicle Market by segment, estimates & forecasts,  
2020-2030 (USD Billion)

TABLE 10. Global Low Emission Vehicle Market by region, estimates & forecasts,  
2020-2030 (USD Billion)

TABLE 11. Global Low Emission Vehicle Market by segment, estimates & forecasts,  
2020-2030 (USD Billion)

TABLE 12. Global Low Emission Vehicle Market by region, estimates & forecasts,  
2020-2030 (USD Billion)

TABLE 13. Global Low Emission Vehicle Market by segment, estimates & forecasts,  
2020-2030 (USD Billion)

TABLE 14. Global Low Emission Vehicle Market by region, estimates & forecasts,  
2020-2030 (USD Billion)

TABLE 15. U.S. Low Emission Vehicle Market estimates & forecasts, 2020-2030 (USD  
Billion)

TABLE 16. U.S. Low Emission Vehicle Market estimates & forecasts by segment  
2020-2030 (USD Billion)

TABLE 17. U.S. Low Emission Vehicle Market estimates & forecasts by segment  
2020-2030 (USD Billion)

TABLE 18. Canada Low Emission Vehicle Market estimates & forecasts, 2020-2030  
(USD Billion)

TABLE 19. Canada Low Emission Vehicle Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 20. Canada Low Emission Vehicle Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 21. UK Low Emission Vehicle Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 22. UK Low Emission Vehicle Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 23. UK Low Emission Vehicle Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 24. Germany Low Emission Vehicle Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 25. Germany Low Emission Vehicle Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 26. Germany Low Emission Vehicle Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 27. France Low Emission Vehicle Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 28. France Low Emission Vehicle Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 29. France Low Emission Vehicle Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 30. Italy Low Emission Vehicle Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 31. Italy Low Emission Vehicle Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 32. Italy Low Emission Vehicle Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 33. Spain Low Emission Vehicle Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 34. Spain Low Emission Vehicle Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 35. Spain Low Emission Vehicle Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 36. RoE Low Emission Vehicle Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 37. RoE Low Emission Vehicle Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 38. RoE Low Emission Vehicle Market estimates & forecasts by segment

2020-2030 (USD Billion)

TABLE 39. China Low Emission Vehicle Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 40. China Low Emission Vehicle Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 41. China Low Emission Vehicle Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 42. India Low Emission Vehicle Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 43. India Low Emission Vehicle Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 44. India Low Emission Vehicle Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 45. Japan Low Emission Vehicle Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 46. Japan Low Emission Vehicle Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 47. Japan Low Emission Vehicle Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 48. South Korea Low Emission Vehicle Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 49. South Korea Low Emission Vehicle Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 50. South Korea Low Emission Vehicle Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 51. Australia Low Emission Vehicle Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 52. Australia Low Emission Vehicle Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 53. Australia Low Emission Vehicle Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 54. RoAPAC Low Emission Vehicle Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 55. RoAPAC Low Emission Vehicle Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 56. RoAPAC Low Emission Vehicle Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 57. Brazil Low Emission Vehicle Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 58. Brazil Low Emission Vehicle Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 59. Brazil Low Emission Vehicle Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 60. Mexico Low Emission Vehicle Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 61. Mexico Low Emission Vehicle Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 62. Mexico Low Emission Vehicle Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 63. RoLA Low Emission Vehicle Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 64. RoLA Low Emission Vehicle Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 65. RoLA Low Emission Vehicle Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 66. Saudi Arabia Low Emission Vehicle Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 67. South Africa Low Emission Vehicle Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 68. RoMEA Low Emission Vehicle Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 69. List of secondary sources, used in the study of global Low Emission Vehicle Market

TABLE 70. List of primary sources, used in the study of global Low Emission Vehicle Market

TABLE 71. Years considered for the study

TABLE 72. Exchange rates considered

List of tables and figures are dummy in nature, final lists may vary in the final deliverable

## List Of Figures

### LIST OF FIGURES

- FIG 1. Global Low Emission Vehicle Market, research methodology
  - FIG 2. Global Low Emission Vehicle Market, Market estimation techniques
  - FIG 3. Global Market size estimates & forecast methods
  - FIG 4. Global Low Emission Vehicle Market, key trends 2022
  - FIG 5. Global Low Emission Vehicle Market, growth prospects 2023-2030
  - FIG 6. Global Low Emission Vehicle Market, porters 5 force model
  - FIG 7. Global Low Emission Vehicle Market, pest analysis
  - FIG 8. Global Low Emission Vehicle Market, value chain analysis
  - FIG 9. Global Low Emission Vehicle Market by segment, 2020 & 2030 (USD Billion)
  - FIG 10. Global Low Emission Vehicle Market by segment, 2020 & 2030 (USD Billion)
  - FIG 11. Global Low Emission Vehicle Market by segment, 2020 & 2030 (USD Billion)
  - FIG 12. Global Low Emission Vehicle Market by segment, 2020 & 2030 (USD Billion)
  - FIG 13. Global Low Emission Vehicle Market by segment, 2020 & 2030 (USD Billion)
  - FIG 14. Global Low Emission Vehicle Market, regional snapshot 2020 & 2030
  - FIG 15. North America Low Emission Vehicle Market 2020 & 2030 (USD Billion)
  - FIG 16. Europe Low Emission Vehicle Market 2020 & 2030 (USD Billion)
  - FIG 17. Asia pacific Low Emission Vehicle Market 2020 & 2030 (USD Billion)
  - FIG 18. Latin America Low Emission Vehicle Market 2020 & 2030 (USD Billion)
  - FIG 19. Middle East & Africa Low Emission Vehicle Market 2020 & 2030 (USD Billion)
- List of tables and figures are dummy in nature, final lists may vary in the final deliverable

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