

Europe Automotive Fuel Cell Market 2021-2031 by Electrolyte Type (PEMFC, DMFC, AFC, PAFC, Others), Component (Fuel Stack, Fuel Processor, Power Conditioner, Air Compressor, Humidifier), Vehicle Type (Passenger Cars, LCV, Buses, Trucks, Others), Fuel Type (Hydrogen, Methanol), Power Output (250 KW), Operating Miles (Below 250 Miles, 250-500 Miles, above 500 Miles), and Country: Trend Forecast and Growth Opportunity

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Abstracts

Europe automotive fuel cell market was valued at \$217.0 million in 2021 and will grow by 34.1% annually over 2021-2031, driven by the increasing demand for zero-emission vehicles and government subsidies as tax benefits to promote fuel cell vehicles, the growing concerns for environmental pollution, the quick fuel fill-up time compared to battery-based electric vehicles, and advanced technologies to improve the vehicle efficacy.

Highlighted with 35 tables and 56 figures, this 119-page report “Europe Automotive Fuel Cell Market 2021-2031 by Electrolyte Type (PEMFC, DMFC, AFC, PAFC, Others), Component (Fuel Stack, Fuel Processor, Power Conditioner, Air Compressor, Humidifier), Vehicle Type (Passenger Cars, LCV, Buses, Trucks, Others), Fuel Type (Hydrogen, Methanol), Power Output (250 KW), Operating Miles (Below 250 Miles, 250-500 Miles, Above 500 Miles), and Country: Trend Forecast and Growth Opportunity” is based on a comprehensive research of the entire Europe automotive fuel cell market and all its sub-segments through extensively detailed classifications. Profound analysis and assessment are generated from premium primary and secondary

information sources with inputs derived from industry professionals across the value chain. The report is based on studies on 2018-2021 and provides forecast from 2022 till 2031 with 2021 as the base year. (Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

In-depth qualitative analyses include identification and investigation of the following aspects:

Market Structure

Growth Drivers

Restraints and Challenges

Emerging Product Trends & Market Opportunities

Porter's Fiver Forces

The trend and outlook of Europe market is forecast in optimistic, balanced, and conservative view by taking into account of COVID-19 and Russia-Ukraine conflict. The balanced (most likely) projection is used to quantify Europe automotive fuel cell market in every aspect of the classification from perspectives of Electrolyte Type, Component, Vehicle Type, Fuel Type, Power Output, Operating Miles, and Country.

Based on Electrolyte Type, the Europe market is segmented into the following sub-markets with annual revenue (\$ mn) for 2021-2031 included in each section.

Proton-Exchange Membrane Fuel Cell (PEMFC)

Direct Methanol Fuel Cell (DMFC)

Alkaline Fuel Cell (AFC)

Phosphoric Acid Fuel Cell (PAFC)

Other Electrolyte Types

Based on Component, the Europe market is segmented into the following sub-markets with annual revenue (\$ mn) for 2021-2031 included in each section.

Fuel Stack

Fuel Processor

Power Conditioner

Air Compressor

Humidifier

By Vehicle Type, the Europe market is segmented into the following sub-markets with annual revenue (\$ mn) for 2021-2031 included in each section.

Passenger Cars

Light Commercial Vehicles (LCV)

Buses

Trucks

Other Commercial Vehicles

By Fuel Type, the Europe market is segmented into the following sub-markets with annual revenue (\$ mn) for 2021-2031 included in each section.

Hydrogen

Methanol

By Power Output, the Europe market is segmented into the following sub-markets with annual revenue (\$ mn) for 2021-2031 included in each section.

150-250 KW

>250 KW

By Operating Miles, the Europe market is segmented into the following sub-markets with annual revenue (\$ mn) for 2021-2031 included in each section.

Below 250 Miles

250-500 Miles

Above 500 Miles

Geographically, the following national/local markets are fully investigated:

Germany

UK

France

Spain

Italy

Netherlands

Rest of Europe (further segmented into Russia, Switzerland, Poland, Sweden, Belgium, Austria, Ireland, Norway, Denmark, and Finland)

For each key country, detailed analysis and data for annual revenue (\$ mn) are available for 2021-2031. The breakdown of national markets by Electrolyte Type, Vehicle Type and Operating Miles over the forecast years are also included.

The report also covers current competitive scenario and the predicted trend; and profiles key vendors including market leaders and important emerging players.

Selected Key Players:

Ballard Power Systems Inc.

BorgWarner Inc.

Ceres Power Holdings PLC

Cummins Inc.

Doosan Fuel Cell Co., Ltd.

Elringklinger AG

Horizon Fuel Cell Technologies Pte. Ltd.

Hydrogenics Corporation

Intelligent Energy Limited

ITM Power PLC

Nedstack Fuel Cell Technology BV

Nuvera Fuel Cells LLC

Oorja Corporation

Plug Power Inc.

PowerCell Sweden AB

Proton Motor Fuel Cell GmbH

SFC Energy AG

Watt Fuel Cell Corporation

(Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

Contents

1 INTRODUCTION

- 1.1 Industry Definition and Research Scope
 - 1.1.1 Industry Definition
 - 1.1.2 Research Scope
- 1.2 Research Methodology
 - 1.2.1 Overview of Market Research Methodology
 - 1.2.2 Market Assumption
 - 1.2.3 Secondary Data
 - 1.2.4 Primary Data
 - 1.2.5 Data Filtration and Model Design
 - 1.2.6 Market Size/Share Estimation
 - 1.2.7 Research Limitations
- 1.3 Executive Summary

2 MARKET OVERVIEW AND DYNAMICS

- 2.1 Market Size and Forecast
 - 2.1.1 Impact of COVID-19 on World Economy
 - 2.1.2 Impact of COVID-19 on the Market
- 2.2 Major Growth Drivers
- 2.3 Market Restraints and Challenges
- 2.4 Emerging Opportunities and Market Trends
- 2.5 Porter's Fiver Forces Analysis

3 SEGMENTATION OF EUROPE MARKET BY ELECTROLYTE TYPE

- 3.1 Market Overview by Electrolyte Type
- 3.2 Proton-Exchange Membrane Fuel Cell (PEMFC)
- 3.3 Direct Methanol Fuel Cell (DMFC)
- 3.4 Alkaline Fuel Cell (AFC)
- 3.5 Phosphoric Acid Fuel Cell (PAFC)
- 3.6 Other Electrolyte Types

4 SEGMENTATION OF EUROPE MARKET BY COMPONENT

- 4.1 Market Overview by Component

- 4.2 Fuel Stack
- 4.3 Fuel Processor
- 4.4 Power Conditioner
- 4.5 Air Compressor
- 4.6 Humidifier

5 SEGMENTATION OF EUROPE MARKET BY VEHICLE TYPE

- 5.1 Market Overview by Vehicle Type
- 5.2 Passenger Cars
- 5.3 Light Commercial Vehicles (LCV)
- 5.4 Buses
- 5.5 Trucks
- 5.6 Other Commercial Vehicles

6 SEGMENTATION OF EUROPE MARKET BY FUEL TYPE

- 6.1 Market Overview by Fuel Type
- 6.2 Hydrogen
- 6.3 Methanol

7 SEGMENTATION OF EUROPE MARKET BY POWER OUTPUT

- 7.1 Market Overview by Power Output
- 7.2 7.3 150-250 KW
- 7.4 > 250 KW

8 SEGMENTATION OF EUROPE MARKET BY OPERATING MILES

- 8.1 Market Overview by Operating Miles
- 8.2 Below 250 Miles
- 8.3 250-500 Miles
- 8.4 Above 500 Miles

9 EUROPEAN MARKET 2021-2031 BY COUNTRY

- 9.1 Overview of European Market
- 9.2 Germany
- 9.3 U.K.

- 9.4 France
- 9.5 Spain
- 9.6 Italy
- 9.7 Netherlands
- 9.8 Rest of European Market

10 COMPETITIVE LANDSCAPE

- 10.1 Overview of Key Vendors
 - 10.2 New Product Launch, Partnership, Investment, and M&A
 - 10.3 Company Profiles
 - Ballard Power Systems Inc.
 - BorgWarner Inc.
 - Ceres Power Holdings PLC
 - Cummins Inc.
 - Doosan Fuel Cell Co., Ltd.
 - Elringklinger AG
 - Horizon Fuel Cell Technologies Pte. Ltd.
 - Hydrogenics Corporation
 - Intelligent Energy Limited
 - ITM Power PLC
 - Nedstack Fuel Cell Technology BV
 - Nuvera Fuel Cells LLC
 - Oorja Corporation
 - Plug Power Inc.
 - PowerCell Sweden AB
 - Proton Motor Fuel Cell GmbH
 - SFC Energy AG
 - Watt Fuel Cell Corporation
- RELATED REPORTS**

List Of Tables

LIST OF TABLES

Table 1. Snapshot of Europe Automotive Fuel Cell Market in Balanced Perspective, 2021-2031

Table 2. World Economic Outlook, 2021-2031

Table 3. World Economic Outlook, 2021-2023

Table 4. Hydrogen Refilling Stations in Operation by Country as of Sep 2021

Table 5. Main Product Trends and Market Opportunities in Europe Automotive Fuel Cell Market

Table 6. Europe Automotive Fuel Cell Market by Electrolyte Type, 2021-2031, \$ mn

Table 7. Europe Automotive Fuel Cell Market by Component, 2021-2031, \$ mn

Table 8. Europe Automotive Fuel Cell Market by Vehicle Type, 2021-2031, \$ mn

Table 9. Commercially Available Fuel Cell Vehicles

Table 10. Europe Automotive Fuel Cell Market by Fuel Type, 2021-2031, \$ mn

Table 11. Europe Automotive Fuel Cell Market by Power Output, 2021-2031, \$ mn

Table 12. Europe Automotive Fuel Cell Market by Operating Miles, 2021-2031, \$ mn

Table 13. Europe Automotive Fuel Cell Market by Country, 2021-2031, \$ mn

Table 14. Germany Automotive Fuel Cell Market by Electrolyte Type, 2021-2031, \$ mn

Table 15. Germany Automotive Fuel Cell Market by Vehicle Type, 2021-2031, \$ mn

Table 16. Germany Automotive Fuel Cell Market by Operating Miles, 2021-2031, \$ mn

Table 17. U.K. Automotive Fuel Cell Market by Electrolyte Type, 2021-2031, \$ mn

Table 18. U.K. Automotive Fuel Cell Market by Vehicle Type, 2021-2031, \$ mn

Table 19. U.K. Automotive Fuel Cell Market by Operating Miles, 2021-2031, \$ mn

Table 20. France Automotive Fuel Cell Market by Electrolyte Type, 2021-2031, \$ mn

Table 21. France Automotive Fuel Cell Market by Vehicle Type, 2021-2031, \$ mn

Table 22. France Automotive Fuel Cell Market by Operating Miles, 2021-2031, \$ mn

Table 23. Spain Automotive Fuel Cell Market by Electrolyte Type, 2021-2031, \$ mn

Table 24. Spain Automotive Fuel Cell Market by Vehicle Type, 2021-2031, \$ mn

Table 25. Spain Automotive Fuel Cell Market by Operating Miles, 2021-2031, \$ mn

Table 26. Italy Automotive Fuel Cell Market by Electrolyte Type, 2021-2031, \$ mn

Table 27. Italy Automotive Fuel Cell Market by Vehicle Type, 2021-2031, \$ mn

Table 28. Italy Automotive Fuel Cell Market by Operating Miles, 2021-2031, \$ mn

Table 29. Netherlands Automotive Fuel Cell Market by Electrolyte Type, 2021-2031, \$ mn

Table 30. Netherlands Automotive Fuel Cell Market by Vehicle Type, 2021-2031, \$ mn

Table 31. Netherlands Automotive Fuel Cell Market by Operating Miles, 2021-2031, \$ mn

Table 32. Automotive Fuel Cell Market in Rest of Europe by Country, 2021-2031, \$ mn

Table 33. Ballard Power Systems Inc.: Company Snapshot

Table 34. Ballard Power Systems Inc.: Business Segmentation

Table 35. Ballard Power Systems Inc.: Product Portfolio

List Of Figures

LIST OF FIGURES

Figure 1. A Scheme of Automotive Fuel Cell System

Figure 2. Research Method Flow Chart

Figure 3. Bottom-up Approach and Top-down Approach for Market Estimation

Figure 4. Europe Market Forecast in Optimistic, Conservative and Balanced Perspectives, 2021-2031

Figure 5. Europe Automotive Fuel Cell Market, 2021-2031, \$ mn

Figure 6. Impact of COVID-19 on Business

Figure 7. Primary Drivers and Impact Factors of Europe Automotive Fuel Cell Market

Figure 8. World Electric Vehicle Market, 2019-2030, \$ bn

Figure 9. Primary Restraints and Impact Factors of Europe Automotive Fuel Cell Market

Figure 10. Investment Opportunity Analysis

Figure 11. Porter's Five Forces Analysis of Europe Automotive Fuel Cell Market

Figure 12. Breakdown of Europe Automotive Fuel Cell Market by Electrolyte Type, 2021-2031, % of Revenue

Figure 13. Europe Addressable Market Cap in 2022-2031 by Electrolyte Type, Value (\$ mn) and Share (%)

Figure 14. Europe Automotive Fuel Cell Market by Electrolyte Type: Proton-Exchange Membrane Fuel Cell (PEMFC), 2021-2031, \$ mn

Figure 15. Europe Automotive Fuel Cell Market by Electrolyte Type: Direct Methanol Fuel Cell (DMFC), 2021-2031, \$ mn

Figure 16. Europe Automotive Fuel Cell Market by Electrolyte Type: Alkaline Fuel Cell (AFC), 2021-2031, \$ mn

Figure 17. Europe Automotive Fuel Cell Market by Electrolyte Type: Phosphoric Acid Fuel Cell (PAFC), 2021-2031, \$ mn

Figure 18. Europe Automotive Fuel Cell Market by Electrolyte Type: Other Electrolyte Types, 2021-2031, \$ mn

Figure 19. Breakdown of Europe Automotive Fuel Cell Market by Component, 2021-2031, % of Sales Revenue

Figure 20. Europe Addressable Market Cap in 2022-2031 by Component, Value (\$ mn) and Share (%)

Figure 21. Europe Automotive Fuel Cell Market by Component: Fuel Stack, 2021-2031, \$ mn

Figure 22. Europe Automotive Fuel Cell Market by Component: Fuel Processor, 2021-2031, \$ mn

Figure 23. Europe Automotive Fuel Cell Market by Component: Power Conditioner,

2021-2031, \$ mn

Figure 24. Europe Automotive Fuel Cell Market by Component: Air Compressor, 2021-2031, \$ mn

Figure 25. Europe Automotive Fuel Cell Market by Component: Humidifier, 2021-2031, \$ mn

Figure 26. Breakdown of Europe Automotive Fuel Cell Market by Vehicle Type, 2021-2031, % of Sales Revenue

Figure 27. Europe Addressable Market Cap in 2022-2031 by Vehicle Type, Value (\$ mn) and Share (%)

Figure 28. Europe Automotive Fuel Cell Market by Vehicle Type: Passenger Cars, 2021-2031, \$ mn

Figure 29. Europe Automotive Fuel Cell Market by Vehicle Type: Light Commercial Vehicles (LCV), 2021-2031, \$ mn

Figure 30. Europe Automotive Fuel Cell Market by Vehicle Type: Buses, 2021-2031, \$ mn

Figure 31. Europe Automotive Fuel Cell Market by Vehicle Type: Trucks, 2021-2031, \$ mn

Figure 32. Europe Automotive Fuel Cell Market by Vehicle Type: Other Commercial Vehicles, 2021-2031, \$ mn

Figure 33. Breakdown of Europe Automotive Fuel Cell Market by Fuel Type, 2021-2031, % of Revenue

Figure 34. Europe Addressable Market Cap in 2022-2031 by Fuel Type, Value (\$ mn) and Share (%)

Figure 35. Europe Automotive Fuel Cell Market by Fuel Type: Hydrogen, 2021-2031, \$ mn

Figure 36. Europe Automotive Fuel Cell Market by Fuel Type: Methanol, 2021-2031, \$ mn

Figure 37. Breakdown of Europe Automotive Fuel Cell Market by Power Output, 2021-2031, % of Revenue

Figure 38. Europe Addressable Market Cap in 2022-2031 by Power Output, Value (\$ mn) and Share (%)

Figure 39. Europe Automotive Fuel Cell Market by Power Output: Figure 40. Europe Automotive Fuel Cell Market by Power Output: 150-250 KW, 2021-2031, \$ mn

Figure 41. Europe Automotive Fuel Cell Market by Power Output: > 250 KW, 2021-2031, \$ mn

Figure 42. Breakdown of Europe Automotive Fuel Cell Market by Operating Miles, 2021-2031, % of Revenue

Figure 43. Europe Addressable Market Cap in 2022-2031 by Operating Miles, Value (\$ mn) and Share (%)

Figure 44. Europe Automotive Fuel Cell Market by Operating Miles: Below 250 Miles, 2021-2031, \$ mn

Figure 45. Europe Automotive Fuel Cell Market by Operating Miles: 250-500 Miles, 2021-2031, \$ mn

Figure 46. Europe Automotive Fuel Cell Market by Operating Miles: Above 500 Miles, 2021-2031, \$ mn

Figure 47. Breakdown of European Automotive Fuel Cell Market by Country, 2021 and 2031, % of Revenue

Figure 48. Contribution to Europe 2022-2031 Cumulative Market by Country, Value (\$ mn) and Share (%)

Figure 49. Automotive Fuel Cell Market in Germany, 2021-2031, \$ mn

Figure 50. Automotive Fuel Cell Market in U.K., 2021-2031, \$ mn

Figure 51. Automotive Fuel Cell Market in France, 2021-2031, \$ mn

Figure 52. Automotive Fuel Cell Market in Spain, 2021-2031, \$ mn

Figure 53. Automotive Fuel Cell Market in Italy, 2021-2031, \$ mn

Figure 54. Automotive Fuel Cell Market in Netherlands, 2021-2031, \$ mn

Figure 55. Automotive Fuel Cell Market in Rest of Europe, 2021-2031, \$ mn

Figure 56. Growth Stage of Europe Automotive Fuel Cell Industry over the Forecast Period

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