

## Fuel Cells: Market Research Report

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This report analyzes the worldwide markets for Fuel Cells in US\$ Thousand by the following Product Segments: Phosphoric Acid Fuel Cells, Molten Carbonate Fuel Cells, Alkaline Fuel Cells, Solid Oxide Fuel Cells, Proton Exchange Membrane Fuel Cells, and Other Fuel Cells. The report provides separate comprehensive analytics for the US, Canada, Japan, Europe, Asia-Pacific, and Rest of World.

Annual estimates and forecasts are provided for the period 2016 through 2024. Also, a five-year historic analysis is provided for these markets. Market data and analytics are derived from primary and secondary research.

Company profiles are primarily based on public domain information including company URLs.

The report profiles 72 companies including many key and niche players such as -

- Atrex Energy, Inc.
- AFC Energy Plc
- Air Liquide S.A.
- Apollo Energy Systems, Inc.
- Ballard Power Systems, Inc
- 
- Bloom Energy Corporation

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Ceres Power Holdings plc (UK)  
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Horizon Fuel Cell Technologies Pte Ltd. (Singapore)  
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**Table 52.** French Recent Past, Current & Future Analysis for Fuel Cells by Cell Type - Phosphoric Acid Fuel Cells, Molten Carbonate Fuel Cells, Alkaline Fuel Cells, Solid Oxide Fuel Cells, Proton Exchange Membrane Fuel Cells, and Other Fuel Cells Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

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## 4B. GERMANY

### A. Market Analysis

#### Current and Future Analysis

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Fuel Cells-Powered Train in Development

Strategic Corporate Developments

SFC Energy AG – A Key Player

### B. Market Analytics

**Table 55.** German Recent Past, Current & Future Analysis for Fuel Cells by Cell Type - Phosphoric Acid Fuel Cells, Molten Carbonate Fuel Cells, Alkaline Fuel Cells, Solid Oxide Fuel Cells, Proton Exchange Membrane Fuel Cells, and Other Fuel Cells Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

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## 4C. ITALY

### Market Analysis

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#### 4D. THE UNITED KINGDOM

##### A. Market Analysis

Current and Future Analysis

Hydrogen and Fuel Cells – Growth Opportunities in the UK

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Strategic Corporate Developments

Key Players

##### B. Market Analytics

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**Table 63.** UK 14-Year Perspective for Fuel Cells by Cell Type - Percentage Breakdown of Dollar Sales for Phosphoric Acid Fuel Cells, Molten Carbonate Fuel Cells, Alkaline Fuel Cells, Solid Oxide Fuel Cells, Proton Exchange Membrane Fuel Cells, and Other Fuel Cells Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

#### 4E. SPAIN

##### Market Analysis

**Table 64.** Spanish Recent Past, Current & Future Analysis for Fuel Cells by Cell Type - Phosphoric Acid Fuel Cells, Molten Carbonate Fuel Cells, Alkaline Fuel Cells, Solid Oxide Fuel Cells, Proton Exchange Membrane Fuel Cells, and Other Fuel Cells Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

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#### 4F. RUSSIA

##### A. Market Analysis

Current and Future Analysis

Strategic Corporate Development  
B. Market Analytics

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Current and Future Analysis  
Finland: Potential for Fuel Cell Technology in Energy Sector  
Strategic Corporate Developments  
B. Market Analytics

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Developing Fuel Cell Technology in the Taiwanese Market  
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Transportation – Another Segment Offering Huge Potential  
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Biomass Power Generation Poses Direct Competition to Fuel Cells Market  
Concentration on Various Renewable Technologies Hinders Fuel Cells Development  
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Horizon Fuel Cell Technologies Pte Ltd. (Singapore) – A Key Player  
B. Market Analytics

**Table 74.** Asia-Pacific Recent Past, Current & Future Analysis for Fuel Cells by Geographic Region - China, South Korea and Rest of Asia-Pacific Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

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**Table 76.** Asia-Pacific 14-Year Perspective for Fuel Cells by Geographic Region - Percentage Breakdown of Dollar Sales for China, South Korea and Rest of Asia-Pacific Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

**Table 77.** Asia-Pacific Recent Past, Current & Future Analysis for Fuel Cells by Cell Type - Phosphoric Acid Fuel Cells, Molten Carbonate Fuel Cells, Alkaline Fuel Cells, Solid Oxide Fuel Cells, Proton Exchange Membrane Fuel Cells, and Other Fuel Cells Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

**Table 78.** Asia-Pacific Historic Review for Fuel Cells by Cell Type - Phosphoric Acid Fuel Cells, Molten Carbonate Fuel Cells, Alkaline Fuel Cells, Solid Oxide Fuel Cells, Proton Exchange Membrane Fuel Cells, and Other Fuel Cells Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

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## 6. REST OF WORLD

### A. Market Analysis

Current and Future Analysis

Brazil Focuses on Fuel Cells Technology

Strategic Corporate Development

### B. Market Analytics

**Table 80.** Rest of World Recent Past, Current & Future Analysis for Fuel Cells by Cell Type - Phosphoric Acid Fuel Cells, Molten Carbonate Fuel Cells, Alkaline Fuel Cells, Solid Oxide Fuel Cells, Proton Exchange Membrane Fuel Cells, and Other Fuel Cells Markets Independently Analyzed with Annual Sales in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

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**Table 82.** Rest of World 14-Year Perspective for Fuel Cells by Cell Type - Percentage Breakdown of Dollar Sales for Phosphoric Acid Fuel Cells, Molten Carbonate Fuel Cells, Alkaline Fuel Cells, Solid Oxide Fuel Cells, Proton Exchange Membrane Fuel Cells, and Other Fuel Cells Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

## IV. COMPETITIVE LANDSCAPE

Total Companies Profiled: 72 (including Divisions/Subsidiaries - 74)

The United States (28)

Canada (5)

Japan (12)

Europe (24)

France (4)

Germany (6)

The United Kingdom (7)

Rest of Europe (7)

Asia-Pacific (Excluding Japan) (5)

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