

Fuel Cell Market Outlook - Global Trends, Forecast, and Opportunity Assessment (2014-2022)

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Abstracts

The Global Fuel Cell market is expected to reach \$7.4 billion by 2022 growing at a CAGR of 15.3% from 2014 to 2022. The adoption of fuel cells in transport and stationary applications are fueling the market growth. The governments in both emerging and developed nations are shifting towards renewable energy generation for clean energy due to exhaustion of oil & gas reserves. The reduction of pollution is one of the key reasons behind fuel cell adoption. Increasing investments, technological advancements and increasing adoption of fuel cells in emerging nations are the key factors favoring the market growth. Hydrogen, hydrocarbons, natural gas, methanol and biogas are the fuels, used in fuel cells. Fuel choice varies by region with hydrogen prevalent in the U.S., in Europe some adopters are trialing methanol, and natural gas and LPG dominating in the Asia-Pacific region.

Stationary fuel cells are poised to dominate the fuel cell market during the forecast period. Proton Exchange Membrane Fuel Cell (PEMFC) is the leading technology in fuel cells market and Solid Oxide Fuel Cells (SOFC) are expected to grow at a faster rate due to increasing applications in stationary power. Molten Carbonate Fuel Cells (MCFCs) are expected to have rapid growth during the forecast period. Asia Pacific has the leading market for fuel cells led by the increasing adoption in emerging nations such as Japan, China, India and South Korea. The developed nations in North America and Europe are focusing more on reducing green house gas emissions.

The key players of the market include, Fuelcell Energy, Toshiba Corporation, Panasonic Corporation, Hydrogenics Corporation, Bloom Energy, Electro Power Systems, Bosch Thermotechnology, Doosan Fuel Cell, and Ballard Power Systems.

Technologies Covered:

Proton exchange membrane fuel cell (PEMFC)

Direct methanol fuel cell (DMFC)

Solid oxide fuel cells (SOFC)

Alkaline fuel cells (AFCs)

Molten carbonate fuel cells (MCFCs)

Phosphoric acid fuel cells (PAFCs)

Applications Covered:

Transport

Stationary

Portable

Fuel and Infrastructure

Regions Covered:

North America

US

Canada

Europe

Germany

France

Italy

UK

Spain

Asia Pacific

Japan

China

India

Australia

New Zealand

Rest of Asia

Rest of the World

Latin America

Middle East

Africa

Others

What our report offers:

Market share assessments for the regional and country level segments

Market share analysis of the top industry players

Strategic recommendations for the new entrants

Market forecasts for a minimum of 8 years of all the mentioned segments, sub

segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

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