

# Global Hydrogen Fuel Cells Industry Report 2016

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## Abstracts

This report provides detailed analysis of worldwide markets for Hydrogen Fuel Cells from 2011-2016, and provides extensive market forecasts (2016-2021) by region/country and subsectors. It covers the key technological and market trends in the Hydrogen Fuel Cells market and further lays out an analysis of the factors influencing the supply/demand for Hydrogen Fuel Cells, and the opportunities/challenges faced by industry participants. It also acts as an essential tool to companies active across the value chain and to the new entrants by enabling them to capitalize the opportunities and develop business strategies.

A hydrogen fuel cell is a power generation system that directly converts hydrogen gas into electric power through a chemical reaction -which is the reverse of water electrolysis between hydrogen extracted from city gas or LPG and oxygen in the atmosphere.

A hydrogen fuel cell does not cause much loss during power transmission as electricity is generated and used in the same location. It also achieves enhanced energy efficiency by utilizing the transmission heat for the hot water supply, though this is wasted in conventional power generation processes. In a fuel cell system, CO<sub>2</sub> emissions are lower compared to conventional methods when the same level of electricity and heat are consumed. Hydrogen fuel cell is an eco-friendly power generation system that achieves a quiet and clean system.

GCC's report, Global Hydrogen Fuel Cells Industry Report 2016, has been prepared based on the synthesis, analysis, and interpretation of information about the global Hydrogen Fuel Cells market collected from specialized sources. The report covers key technological developments in the recent times and profiles leading players in the market and analyzes their key strategies. The competitive landscape section of the report provides a clear insight into the market share analysis of key industry players.

The major players in the global Hydrogen Fuel Cells market are Plug Power (USA), FuelCell Energy (USA), Nuvera (USA), Ballard (Canada), Hydrogenics (Canada), Heliocentris (Germany), Panasonic (Japan), Toshiba (Japan), APFCT (Taiwan), Toplus Energy (Taiwan), UNELECTRA (Taiwan), GENPORT (Italy), PowerCell (Sweden), CASC (China), Sunrise Power (China), Troowin (China), Nowogen (China), Jiangsu GPTFC (China), Wuhan WUT (China), Pearl Hydrogen (China), SOFCMAN (China).

The report provides separate comprehensive analytics for the North America, Europe, Asia-Pacific, Middle East and Africa and Rest of World. In this sector, global competitive landscape and supply/demand pattern of Hydrogen Fuel Cells industry has been provided.

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## **DISCLAIMER**

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