

The Global Hydrogen Economy: Technologies and Opportunities Through 2022

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Abstracts

Report Scope:

The report covers the global market for technologies used in the production, storage and distribution of hydrogen; its conversion to other forms of energy or direct consumption as a fuel; and miscellaneous other types of hydrogen-related technology, such as hydrogen sensors. The market figures represent estimated investment costs based on data from manufacturers and a variety of other sources. Projected and forecasted revenue values are in constant U.S. dollars, unadjusted for inflation.

Report Includes:

39 tables

An overview of the global hydrogen economy with regard to technology and opportunities

Analyses of global market trends, with data from 2016, 2017, and projections of compound annual growth rates (CAGRs) through 2022

Comprehensive descriptions of key enabling technologies used in the production, storage, and distribution of hydrogen, its conversion to other forms of energy or direct consumption as a fuel; and miscellaneous other types of hydrogen-related technologies, such as hydrogen sensors

A look at challenges that must be overcome to reach its commercialization potential

Evaluations of government programs and policies in support of the hydrogen economy

Coverage of the market's dynamics, specifically growth drivers, inhibitors, and opportunities

Relevant patent analysis

Comprehensive company profiles of major players in the market, including Alchemix Corp., Bayerische Motoren Werke Ag, Diversified Energy Corp., Hce Llc, Luxfer Group Ltd., Materials and Systems Research Inc. and Ztek Corp.

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ALCHEMIX CORP.

AMEC FOSTER WHEELER

AMMINEX A/S

AVALENCE LLC

BALLARD POWER SYSTEMS

BAYERISCHE MOTOREN WERKE AG

CERAMATEC

DIVERSIFIED ENERGY CORP.

E. I. DU PONT DE NEMOURS AND COMPANY

EPRIDA TECHNOLOGIES

ERGENICS

ETUDES CHEMIQUES ET PHYSIQUES SARL

FUEL CELL ENERGY INC.

GENERAL ATOMICS

H2SCAN

HALDOR TOPSOE A/S

HCE LLC

HTC PUREENERGY

HY9 CORP.

HYDROGENICS CORP.

INNOVATEK INC.

LINDE AG

LUXFER GROUP LTD.

MAGNA STEYR AG & CO. KG

MAKEL ENGINEERING INC.

MATERIALS AND SYSTEMS RESEARCH INC.

MEMBRANE TECHNOLOGY AND RESEARCH INC.

MERITOR INC.

MO SCI CORP.

NANOMIX INC.

PLUG POWER LLC

PROTON ONSITE

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QUANTUM FUEL SYSTEMS TECHNOLOGIES WORLDWIDE INC.

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