

# Green Hydrogen Market, Global Outlook and Forecast 2022-2028

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## Abstracts

Green hydrogen is produced by the electrolysis of water for which electricity is required, and is provided by green energy sources, such as wind or solar. Organizations are investing in the establishment of new green hydrogen production plants that will help in reducing GHG emissions.

This report contains market size and forecasts of Green Hydrogen in global, including the following market information:

Global Green Hydrogen Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Green Hydrogen Market Sales, 2017-2022, 2023-2028, (Kiloton)

Global top five Green Hydrogen companies in 2021 (%)

The global Green Hydrogen market was valued at 204.8 million in 2021 and is projected to reach US\$ 415.1 million by 2028, at a CAGR of 10.6% during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Alkaline (ALK) Electrolyzer Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Green Hydrogen include SGH2 Energy, Siemens Gas and Power, ENGIE, FuelCellsWorks, Uniper SE, Hydrogenics, Linde, Air Liquide and Air Products and Chemicals, etc. In 2021, the global top five players have a share

approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Green Hydrogen manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Green Hydrogen Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (Kiloton)

Global Green Hydrogen Market Segment Percentages, by Type, 2021 (%)

Alkaline (ALK) Electrolyzer

Proton Exchange Membrane (PEM) Electrolyzer

Solid Oxide Electrolyzer

Global Green Hydrogen Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (Kiloton)

Global Green Hydrogen Market Segment Percentages, by Application, 2021 (%)

Power Generation

Heating

Transport Fuel

Others

Global Green Hydrogen Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (Kiloton)

Global Green Hydrogen Market Segment Percentages, By Region and Country, 2021 (%)

## North America

US

Canada

Mexico

## Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

## Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

## South America

Brazil

Argentina

Rest of South America

## Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

## Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Green Hydrogen revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies Green Hydrogen revenues share in global market, 2021 (%)

Key companies Green Hydrogen sales in global market, 2017-2022 (Estimated), (Kiloton)

Key companies Green Hydrogen sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

**SGH2 Energy**

Siemens Gas and Power

ENGIE

FuelCellsWorks

Uniper SE

Hydrogenics

Linde

Air Liquide

Air Products and Chemicals

Nel ASA

Toshiba Energy Systems and Solutions Corporation

Green Hydrogen Systems

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