

# Hydrogen Generation Market: Global Market Size, Forecast, Insights, and Competitive Landscape

<https://marketpublishers.com/r/H739FA5FF8FBEN.html>

Date: January 2023

Pages: 128

Price: US\$ 2,299.00 (Single User License)

ID: H739FA5FF8FBEN

## Abstracts

The global hydrogen generation market is expected to grow at a CAGR of around 9.2% during 2023-2030. This report on global hydrogen generation market report provides holistic understanding of the market along with market sizing, forecast, drivers, challenges, and competitive landscape. The report presents a clear picture of the global hydrogen generation market by segmenting the market based on source, technology, application, systems type and region. Also, detailed profiles of companies operating in the hydrogen generation market are provided in this report. We believe that this report will aid the professionals and industry stakeholders in making informed decision.

### Market Drivers

Adoption of Clean Energy Solutions

Government Regulations to Reduce Carbon Emissions

### Market Challenges

Difficult to Store

Lack of Infrastructure

### Historical & Forecast Period

Base Year: 2022

Historical Period: 2018-2022

Forecast Period: 2023-2030

### Market by Source

Natural Gas

Coal

Biomass

Water

### Market by Technology

Steam Methane Reforming (SMR)

Partial Oxidation (POX)

Coal Gasification

Electrolysis

### Market by Application

Petroleum Refinery

Ammonia Production

Methanol Production

Transportation

Power Generation

Other Applications

Market by System Type

Merchant

Captive

Market by Region

Europe

Germany

United Kingdom

France

Italy

Spain

Russia

Netherlands

Rest of Europe

North America

United States

Canada

Asia Pacific

China

Japan

India

South Korea

Australia

Indonesia

Rest of Asia Pacific

Latin America

Mexico

Brazil

Argentina

Rest of Latin America

Middle East & Africa

Saudi Arabia

Turkey

Iran

Rest of Middle East & Africa

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