

Global Renewable Hydrogen Market Growth 2022-2028

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Abstracts

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Renewable hydrogen is produced when the energy generated from renewable sources such as the sun, wind, tides or waves powers an electrolyser to convert water into hydrogen gas. It is an odourless, colourless and lightweight zero-carbon gas. It can then be stored, transported – and used when needed.

The global market for Renewable Hydrogen is estimated to increase from US\$ million in 2021 to reach US\$ million by 2028, exhibiting a CAGR of % during 2022-2028. Keeping in mind the uncertainties of COVID-19 and Russia-Ukraine War, we are continuously tracking and evaluating the direct as well as the indirect influence of the pandemic on different end use sectors. These insights are included in the report as a major market contributor.

The APAC Renewable Hydrogen market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The United States Renewable Hydrogen market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The Europe Renewable Hydrogen market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The China Renewable Hydrogen market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

Global key Renewable Hydrogen players cover ACWA Power, Air Products and Chemicals, Ballard Power Systems, Ceres Power and CWP Renewables, etc. In terms

of revenue, the global largest two companies occupy a share nearly % in 2021.

Report Coverage

This latest report provides a deep insight into the global Renewable Hydrogen market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, value chain analysis, etc.

This report aims to provide a comprehensive picture of the global Renewable Hydrogen market, with both quantitative and qualitative data, to help readers understand how the Renewable Hydrogen market scenario changed across the globe during the pandemic and Russia-Ukraine War.

The base year considered for analyses is 2021, while the market estimates and forecasts are given from 2022 to 2028. The market estimates are provided in terms of revenue in USD millions and volume in Tons.

Market Segmentation:

The study segments the Renewable Hydrogen market and forecasts the market size by Type (High Purity Gase and Gas Mixture,), by Application (Mechanical Engineering, Automotive Industry, Aerospace and Oil And Gas), and region (APAC, Americas, Europe, and Middle East & Africa).

Segmentation by type

High Purity Gase

Gas Mixture

Segmentation by application

Mechanical Engineering

Automotive Industry

Aerospace

Oil And Gas

Chemical Industry

Medical Technology

Electrical Industry

Segmentation by region

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

Major companies covered

ACWA Power

Air Products and Chemicals

Ballard Power Systems

Ceres Power

CWP Renewables

ENGIE

Envision

Iberdrola

ITM Power

Linde

Nel

Ørsted A/S

Shell PLC

Siemens

Snam

TES Hydrogen for life

Yara

CHINA ENERGY INVESTMENT

China Petroleum & Chemical Corporation

Chapter Introduction

Chapter 1: Scope of Renewable Hydrogen, Research Methodology, etc.

Chapter 2: Executive Summary, global Renewable Hydrogen market size (sales and revenue) and CAGR, Renewable Hydrogen market size by region, by type, by application, historical data from 2017 to 2022, and forecast to 2028.

Chapter 3: Renewable Hydrogen sales, revenue, average price, global market share, and industry ranking by company, 2017-2022

Chapter 4: Global Renewable Hydrogen sales and revenue by region and by country. Country specific data and market value analysis for the U.S., Canada, Europe, China, Japan, South Korea, Southeast Asia, India, Latin America and Middle East & Africa.

Chapter 5, 6, 7, 8: Americas, APAC, Europe, Middle East & Africa, sales segment by country, by type, and type.

Chapter 9: Analysis of the current market trends, market forecast, opportunities and economic trends that are affecting the future marketplace

Chapter 10: Manufacturing cost structure analysis

Chapter 11: Sales channel, distributors, and customers

Chapter 12: Global Renewable Hydrogen market size forecast by region, by country, by type, and application.

Chapter 13: Comprehensive company profiles of the leading players, including ACWA Power, Air Products and Chemicals, Ballard Power Systems, Ceres Power, CWP Renewables, ENGIE, Envision, Iberdrola and ITM Power, etc.

Chapter 14: Research Findings and Conclusion

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