

# Global Blue Hydrogen Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/G59B95337C89EN.html>

Date: July 2024

Pages: 76

Price: US\$ 4,480.00 (Single User License)

ID: G59B95337C89EN

## Abstracts

The global Blue Hydrogen market size is expected to reach \$ 4409.1 million by 2029, rising at a market growth of 11.5% CAGR during the forecast period (2023-2029).

Global key players of Blue Hydrogen include Shell, Air Products, Dakota Gasification Company, etc. The top three players hold a share over 88%.

Europe is the largest market, has a share about 36%, followed by Asia-Pacific and North America, with share 27% and 30%, separately.

In terms of product type, Natural Gas Reforming for Hydrogen Production with CCS is the largest segment, occupied for a share of 86%, and in terms of application, Oil Refining has a share about 53%.

This report studies the global Blue Hydrogen production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Blue Hydrogen, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Blue Hydrogen that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Blue Hydrogen total production and demand, 2018-2029, (K Tons)

Global Blue Hydrogen total production value, 2018-2029, (USD Million)

Global Blue Hydrogen production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Tons)

Global Blue Hydrogen consumption by region & country, CAGR, 2018-2029 & (K Tons)

U.S. VS China: Blue Hydrogen domestic production, consumption, key domestic manufacturers and share

Global Blue Hydrogen production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Tons)

Global Blue Hydrogen production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Tons)

Global Blue Hydrogen production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Tons).

This reports profiles key players in the global Blue Hydrogen market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Shell, Arjo and Care of Sweden, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Blue Hydrogen market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Tons) and average price (US\$/Ton) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Blue Hydrogen Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global Blue Hydrogen Market, Segmentation by Type

Natural Gas Reforming for Hydrogen Production with CCS

Coal Gasification Hydrogen Production with CCS

#### Global Blue Hydrogen Market, Segmentation by Application

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#### Companies Profiled:

Shell

Arjo

Care of Sweden

### Key Questions Answered

1. How big is the global Blue Hydrogen market?
2. What is the demand of the global Blue Hydrogen market?
3. What is the year over year growth of the global Blue Hydrogen market?
4. What is the production and production value of the global Blue Hydrogen market?
5. Who are the key producers in the global Blue Hydrogen market?
6. What are the growth factors driving the market demand?

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