

# Global Grey Hydrogen Market Growth 2025-2031

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## Abstracts

The global Grey Hydrogen market size is predicted to grow from US\$ million in 2025 to US\$ million in 2031; it is expected to grow at a CAGR of % from 2025 to 2031.

Grey hydrogen is produced using natural gas or coal through the process of steam methane reforming and coal gasification. Both processes result in high amount of CO<sub>2</sub> emissions. Therefore, this form of hydrogen is not considered as a low-carbon or a green source of fuel.

United States market for Grey Hydrogen is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

China market for Grey Hydrogen is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Europe market for Grey Hydrogen is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Global key Grey Hydrogen players cover Linde plc, Air Liquide S.A., Cummins Inc., Uniper SE, Nel ASA, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2024.

LP Information, Inc. (LPI) ' newest research report, the "Grey Hydrogen Industry Forecast" looks at past sales and reviews total world Grey Hydrogen sales in 2024, providing a comprehensive analysis by region and market sector of projected Grey Hydrogen sales for 2025 through 2031. With Grey Hydrogen sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Grey Hydrogen industry.

This Insight Report provides a comprehensive analysis of the global Grey Hydrogen landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Grey Hydrogen portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Grey Hydrogen market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Grey Hydrogen and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Grey Hydrogen.

This report presents a comprehensive overview, market shares, and growth opportunities of Grey Hydrogen market by product type, application, key manufacturers and key regions and countries.

#### Segmentation by Type:

Natural Gas

Coal

#### Segmentation by Application:

Petrochemical

Steel

Transportation

Others

This report also splits the market 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

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Linde plc

Air Liquide S.A.

Cummins Inc.

Uniper SE

Nel ASA

Siemens AG

ITM Power

Iberdrola

McPhy Energy S.A

Messer

Orsted A/S

ThyssenKrupp

Iwatani Corporation

Xebec Adsorption Inc.

Ally Hi-Tech Co. Ltd

Electrochaea GmbH

### Key Questions Addressed in this Report

What is the 10-year outlook for the global Grey Hydrogen market?

What factors are driving Grey Hydrogen market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Grey Hydrogen market opportunities vary by end market size?

How does Grey Hydrogen break out by Type, by Application?

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