

# Global Green Ammonia Market 2023-2029

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## Abstracts

Green ammonia is ammonia that has been produced using renewable energy sources, such as wind, solar, or hydropower, instead of fossil fuels. Ammonia is a highly versatile compound that can be used as a fertilizer, fuel, or energy storage medium. However, the traditional method of producing ammonia, known as the Haber-Bosch process, relies on fossil fuels and emits significant amounts of greenhouse gases. The production of green ammonia involves using renewable energy to power the process of converting nitrogen and hydrogen into ammonia. This can lead to a significant reduction in greenhouse gas emissions and a more sustainable way of producing ammonia. According to the latest estimates, the global green ammonia market is set to achieve an incremental growth of USD 23,094.6 million, accelerating at a CAGR of almost 259.11% during the forecast period 2023-2029.

The report covers market size and growth, segmentation, regional breakdowns, competitive landscape, trends and strategies for global green ammonia market. It presents a quantitative analysis of the market to enable stakeholders to capitalize on the prevailing market opportunities. The report also identifies top segments for opportunities and strategies based on market trends and leading competitors' approaches.

This industry report offers market estimates and forecasts of the global market, followed by a detailed analysis of the production technologies, end user, and region. The global market for green ammonia can be segmented by production technologies: alkaline water electrolysis (AWE), proton exchange membrane (PEM), solid oxide electrolysis (SOE). The solid oxide electrolysis (SOE) segment is estimated to account for the largest share of the global green ammonia market. Green ammonia market is further segmented by end user: power generation and energy storage, agriculture, transportation, industrial feedstock, others. The agriculture segment held the largest revenue share in 2022. Based on region, the green ammonia market is segmented into:

North America, Europe, Asia-Pacific, MEA (Middle East and Africa), Latin America. Globally, Europe made up the largest share of the green ammonia market.

### Market Segmentation

By production technologies: alkaline water electrolysis (AWE), proton exchange membrane (PEM), solid oxide electrolysis (SOE)

By end user: power generation and energy storage, agriculture, transportation, industrial feedstock, others

By region: North America, Europe, Asia-Pacific, MEA (Middle East and Africa), Latin America

The market research report covers the analysis of key stake holders of the global green ammonia market. Some of the leading players profiled in the report include ACME Group, Air Products and Chemicals Inc., CF Industries Holdings, Inc., Enmax Corporation, Fusion Fuel plc, H2U Technologies, Inc., Iberdrola SA, Origin Energy Ltd., Topsoe A/S, Yara International ASA, among others. In this report, key players and their strategies are thoroughly analyzed to understand the competitive outlook of the market.

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### Scope of the Report

To analyze and forecast the market size of the global green ammonia market.

To classify and forecast the global green ammonia market based on production technologies, end user, region.

To identify drivers and challenges for the global green ammonia market.

To examine competitive developments such as mergers & acquisitions, agreements, collaborations and partnerships, etc., in the global green ammonia market.

To identify and analyze the profile of leading players operating in the global green ammonia market.

### Why Choose This Report

Gain a reliable outlook of the global green ammonia market forecasts from 2023 to 2029 across scenarios.

Identify growth segments for investment.

Stay ahead of competitors through company profiles and market data.

The market estimate for ease of analysis across scenarios in Excel format.

Strategy consulting and research support for three months.

Print authentication provided for the single-user license.

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CF Industries Holdings, Inc.  
Enmax Corporation  
Fusion Fuel plc  
H2U Technologies, Inc.  
Iberdrola SA  
Origin Energy Ltd.  
Topsoe A/S  
Yara International ASA

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