

Global Fuel Ammonia Market Research Report 2024(Status and Outlook)

<https://marketpublishers.com/r/GCA7ADC656F1EN.html>

Date: December 2024

Pages: 144

Price: US\$ 2,800.00 (Single User License)

ID: GCA7ADC656F1EN

Abstracts

Report Overview

Fuel ammonia is a versatile energy carrier that has gained significant attention in recent years due to its potential to decarbonize various sectors, including transportation and power generation. Ammonia, primarily known for its use in fertilizers, is now being explored as a clean energy source, offering a promising solution to reduce greenhouse gas emissions. The market for fuel ammonia is characterized by its environmentally friendly attributes, energy density, and ease of storage and transportation.

The current market size for fuel ammonia in 2023 is estimated at approximately USD 20 million. With a projected Compound Annual Growth Rate (CAGR) of 12.45% from 2024 to 2032, the market is expected to reach USD 45 million by the end of the forecast period. This growth can be attributed to several key drivers and market forces.

One of the primary growth drivers for fuel ammonia is the increasing global focus on reducing carbon emissions and transitioning towards sustainable energy sources. Governments worldwide are implementing stringent regulations to curb greenhouse gas emissions, driving the adoption of cleaner fuels like ammonia. Additionally, the growing investments in renewable energy infrastructure, such as wind and solar power, are creating opportunities for green ammonia production, further fueling market growth.

Another significant factor contributing to the expansion of the fuel ammonia market is the rising demand for alternative fuels in the transportation sector. Ammonia is being considered as a viable option for fueling ships, trucks, and even aircraft, offering a pathway to decarbonize these traditionally carbon-intensive modes of transport.

In terms of market trends, there is a notable shift towards green or sustainable ammonia production methods. Green ammonia is produced using renewable energy sources, such as wind or solar power, and electrolysis to generate hydrogen. This trend aligns with the increasing emphasis on sustainability and carbon neutrality across industries.

Furthermore, the development of ammonia fuel cells is gaining traction as a clean energy solution for various applications. Ammonia fuel cells offer high energy density and can be used in stationary power generation, portable electronics, and electric vehicles, presenting a promising avenue for market growth.

Regionally, leading markets for fuel ammonia include countries with strong commitments to carbon reduction and renewable energy adoption. Regions such as Europe and Asia Pacific are at the forefront of ammonia as a fuel, driven by supportive government policies, investments in green technologies, and a growing awareness of environmental sustainability.

In conclusion, the fuel ammonia market is poised for significant growth driven by the global shift towards clean energy solutions and the increasing demand for sustainable fuels. As the market continues to evolve, focusing on green production methods, technological advancements in fuel cells, and strategic partnerships will be key to unlocking the full potential of fuel ammonia as a clean energy source.

This report provides a deep insight into the global Fuel Ammonia 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, SWOT analysis, value chain analysis, etc.

The analysis helps the reader to shape the competition within the industries and strategies for the competitive environment to enhance the potential profit. Furthermore, it provides a simple framework for evaluating and accessing the position of the business organization. The report structure also focuses on the competitive landscape of the Global Fuel Ammonia Market, this report introduces in detail the market share, market performance, product situation, operation situation, etc. of the main players, which helps the readers in the industry to identify the main competitors and deeply understand the competition pattern of the market.

In a word, this report is a must-read for industry players, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are

planning to foray into the Fuel Ammonia market in any manner.

Global Fuel Ammonia Market: Market Segmentation Analysis

The research report includes specific segments by region (country), manufacturers, Type, and Application. Market segmentation creates subsets of a market based on product type, end-user or application, Geographic, and other factors. By understanding the market segments, the decision-maker can leverage this targeting in the product, sales, and marketing strategies. Market segments can power your product development cycles by informing how you create product offerings for different segments.

Key Company

Hydrofuel Inc

Amogy

Starfire Energy

FuelPositive

Mitsubishi Heavy Industries (MHI)

North Ammonia

JGC Corporation

IHI Corporation

JERA

Yara

Market Segmentation (by Type)

Liquid Ammonia

Gas Ammonia

Market Segmentation (by Application)

Generate Electricity

Ship

Fuel Cell

Others

Geographic Segmentation

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study

Neutral perspective on the market performance

Recent industry trends and developments

Competitive landscape & strategies of key players

Potential & niche segments and regions exhibiting promising growth covered

Historical, current, and projected market size, in terms of value

In-depth analysis of the Fuel Ammonia Market

Overview of the regional outlook of the Fuel Ammonia Market:

Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value (USD Billion) data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the Fuel Ammonia Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types,

covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 10 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 11 provides a quantitative analysis of the market size and development potential of each market segment (product type and application) in the next five years.

Chapter 12 is the main points and conclusions of the report.

Contents

1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE

1.1 Market Definition and Statistical Scope of Fuel Ammonia

1.2 Key Market Segments

1.2.1 Fuel Ammonia Segment by Type

1.2.2 Fuel Ammonia Segment by Application

1.3 Methodology & Sources of Information

1.3.1 Research Methodology

1.3.2 Research Process

1.3.3 Market Breakdown and Data Triangulation

1.3.4 Base Year

1.3.5 Report Assumptions & Caveats

2 FUEL AMMONIA MARKET OVERVIEW

2.1 Global Market Overview

2.1.1 Global Fuel Ammonia Market Size (M USD) Estimates and Forecasts (2019-2032)

2.1.2 Global Fuel Ammonia Sales Estimates and Forecasts (2019-2032)

2.2 Market Segment Executive Summary

2.3 Global Market Size by Region

2.4 Macroeconomic Analysis

3 FUEL AMMONIA MARKET COMPETITIVE LANDSCAPE

3.1 Global Fuel Ammonia Sales by Manufacturers (2019-2024)

3.2 Global Fuel Ammonia Revenue Market Share by Manufacturers (2019-2024)

3.3 Fuel Ammonia Market Share by Company Type (Tier 1, Tier 2, and Tier 3)

3.4 Global Fuel Ammonia Average Price by Manufacturers (2019-2024)

3.5 Manufacturers Fuel Ammonia Sales Sites, Area Served, Product Type

3.6 Fuel Ammonia Market Competitive Situation and Trends

3.6.1 Fuel Ammonia Market Concentration Rate

3.6.2 Global 5 and 10 Largest Fuel Ammonia Players Market Share by Revenue

3.6.3 Mergers & Acquisitions, Expansion

4 FUEL AMMONIA INDUSTRY CHAIN ANALYSIS

- 4.1 Fuel Ammonia Industry Chain Analysis
- 4.2 Market Overview of Key Raw Materials
- 4.3 Midstream Market Analysis
- 4.4 Downstream Customer Analysis

5 THE DEVELOPMENT AND DYNAMICS OF FUEL AMMONIA MARKET

- 5.1 Key Development Trends
- 5.2 Driving Factors
- 5.3 Market Challenges
- 5.4 Market Restraints
- 5.5 Industry News
 - 5.5.1 New Product Developments
 - 5.5.2 Mergers & Acquisitions
 - 5.5.3 Expansions
 - 5.5.4 Collaboration/Supply Contracts
- 5.6 Industry Policies

6 FUEL AMMONIA MARKET SEGMENTATION BY TYPE

- 6.1 Evaluation Matrix of Segment Market Development Potential (Type)
- 6.2 Global Fuel Ammonia Sales Market Share by Type (2019-2024)
- 6.3 Global Fuel Ammonia Market Size Market Share by Type (2019-2024)
- 6.4 Global Fuel Ammonia Price by Type (2019-2024)

7 FUEL AMMONIA MARKET SEGMENTATION BY APPLICATION

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)
- 7.2 Global Fuel Ammonia Market Sales by Application (2019-2024)
- 7.3 Global Fuel Ammonia Market Size (M USD) by Application (2019-2024)
- 7.4 Global Fuel Ammonia Sales Growth Rate by Application (2019-2024)

8 FUEL AMMONIA MARKET SALES BY REGION

- 8.1 Global Fuel Ammonia Sales by Region
 - 8.1.1 Global Fuel Ammonia Sales by Region
 - 8.1.2 Global Fuel Ammonia Sales Market Share by Region
- 8.2 Global Fuel Ammonia Market Size by Region
 - 8.2.1 Global Fuel Ammonia Market Size by Region

8.2.2 Global Fuel Ammonia Market Size Market Share by Region

8.3 North America

8.3.1 North America Fuel Ammonia Sales by Country

8.3.2 North America Fuel Ammonia Market Size by Country

8.3.3 U.S. Market Overview

8.3.4 Canada Market Overview

8.3.5 Mexico Market Overview

8.4 Europe

8.4.1 Europe Fuel Ammonia Sales by Country

8.4.2 Europe Fuel Ammonia Market Size by Country

8.4.3 Germany Market Overview

8.4.4 France Market Overview

8.4.5 U.K. Market Overview

8.4.6 Italy Market Overview

8.4.7 Russia Market Overview

8.5 Asia Pacific

8.5.1 Asia Pacific Fuel Ammonia Sales by Region

8.5.2 China

8.5.3 Japan

8.5.4 South Korea

8.5.5 India

8.5.6 Southeast Asia

8.6 Asia Pacific

8.6.1 Asia Pacific Fuel Ammonia Market Size by Region

8.6.2 Asia Pacific Fuel Ammonia Market Size by Region

8.6.3 China

8.6.4 Japan

8.6.5 South Korea

8.6.6 India

8.6.7 Southeast Asia

8.7 South America

8.7.1 South America Fuel Ammonia Sales by Country

8.7.2 South America Fuel Ammonia Market Size by Country

8.7.3 Brazil

8.7.4 Argentina

8.7.5 Columbia

8.8 Middle East and Africa

8.8.1 Middle East and Africa Fuel Ammonia Sales by Region

8.8.2 Middle East and Africa Fuel Ammonia Market Size by Region

8.8.3 Saudi Arabia

8.8.4 UAE

8.8.5 Egypt

8.8.6 Nigeria

8.8.7 South Africa

9 FUEL AMMONIA MARKET PRODUCTION BY REGION

9.1 Global Production of Fuel Ammonia by Region (2019-2024)

9.2 Global Fuel Ammonia Revenue Market Share by Region (2019-2024)

9.3 Global Fuel Ammonia Production, Revenue, Price and Gross Margin (2019-2024)

9.4 North America Fuel Ammonia Production

9.4.1 North America Fuel Ammonia Production Growth Rate (2019-2024)

9.4.2 North America Fuel Ammonia Production, Revenue, Price and Gross Margin (2019-2024)

9.5 Europe Fuel Ammonia Production

9.5.1 Europe Fuel Ammonia Production Growth Rate (2019-2024)

9.5.2 Europe Fuel Ammonia Production, Revenue, Price and Gross Margin (2019-2024)

9.6 Japan Fuel Ammonia Production (2019-2024)

9.6.1 Japan Fuel Ammonia Production Growth Rate (2019-2024)

9.6.2 Japan Fuel Ammonia Production, Revenue, Price and Gross Margin (2019-2024)

9.7 China Fuel Ammonia Production (2019-2024)

9.7.1 China Fuel Ammonia Production Growth Rate (2019-2024)

9.7.2 China Fuel Ammonia Production, Revenue, Price and Gross Margin (2019-2024)

10 KEY COMPANIES PROFILE

10.1 Hydrofuel Inc

10.1.1 Hydrofuel Inc Fuel Ammonia Basic Information

10.1.2 Hydrofuel Inc Fuel Ammonia Product Overview

10.1.3 Hydrofuel Inc Fuel Ammonia Product Market Performance

10.1.4 Hydrofuel Inc Business Overview

10.1.5 Hydrofuel Inc Fuel Ammonia SWOT Analysis

10.1.6 Hydrofuel Inc Recent Developments

10.2 Amogy

10.2.1 Amogy Fuel Ammonia Basic Information

10.2.2 Amogy Fuel Ammonia Product Overview

10.2.3 Amogy Fuel Ammonia Product Market Performance

- 10.2.4 Amogy Business Overview
- 10.2.5 Amogy Fuel Ammonia SWOT Analysis
- 10.2.6 Amogy Recent Developments
- 10.3 Starfire Energy
 - 10.3.1 Starfire Energy Fuel Ammonia Basic Information
 - 10.3.2 Starfire Energy Fuel Ammonia Product Overview
 - 10.3.3 Starfire Energy Fuel Ammonia Product Market Performance
 - 10.3.4 Starfire Energy Fuel Ammonia SWOT Analysis
 - 10.3.5 Starfire Energy Business Overview
 - 10.3.6 Starfire Energy Recent Developments
- 10.4 FuelPositive
 - 10.4.1 FuelPositive Fuel Ammonia Basic Information
 - 10.4.2 FuelPositive Fuel Ammonia Product Overview
 - 10.4.3 FuelPositive Fuel Ammonia Product Market Performance
 - 10.4.4 FuelPositive Business Overview
 - 10.4.5 FuelPositive Recent Developments
- 10.5 Mitsubishi Heavy Industries (MHI)
 - 10.5.1 Mitsubishi Heavy Industries (MHI) Fuel Ammonia Basic Information
 - 10.5.2 Mitsubishi Heavy Industries (MHI) Fuel Ammonia Product Overview
 - 10.5.3 Mitsubishi Heavy Industries (MHI) Fuel Ammonia Product Market Performance
 - 10.5.4 Mitsubishi Heavy Industries (MHI) Business Overview
 - 10.5.5 Mitsubishi Heavy Industries (MHI) Recent Developments
- 10.6 North Ammonia
 - 10.6.1 North Ammonia Fuel Ammonia Basic Information
 - 10.6.2 North Ammonia Fuel Ammonia Product Overview
 - 10.6.3 North Ammonia Fuel Ammonia Product Market Performance
 - 10.6.4 North Ammonia Business Overview
 - 10.6.5 North Ammonia Recent Developments
- 10.7 JGC Corporation
 - 10.7.1 JGC Corporation Fuel Ammonia Basic Information
 - 10.7.2 JGC Corporation Fuel Ammonia Product Overview
 - 10.7.3 JGC Corporation Fuel Ammonia Product Market Performance
 - 10.7.4 JGC Corporation Business Overview
 - 10.7.5 JGC Corporation Recent Developments
- 10.8 IHI Corporation
 - 10.8.1 IHI Corporation Fuel Ammonia Basic Information
 - 10.8.2 IHI Corporation Fuel Ammonia Product Overview
 - 10.8.3 IHI Corporation Fuel Ammonia Product Market Performance
 - 10.8.4 IHI Corporation Business Overview

10.8.5 IHI Corporation Recent Developments

10.9 JERA

10.9.1 JERA Fuel Ammonia Basic Information

10.9.2 JERA Fuel Ammonia Product Overview

10.9.3 JERA Fuel Ammonia Product Market Performance

10.9.4 JERA Business Overview

10.9.5 JERA Recent Developments

10.10 Yara

10.10.1 Yara Fuel Ammonia Basic Information

10.10.2 Yara Fuel Ammonia Product Overview

10.10.3 Yara Fuel Ammonia Product Market Performance

10.10.4 Yara Business Overview

10.10.5 Yara Recent Developments

11 FUEL AMMONIA MARKET FORECAST BY REGION

11.1 Global Fuel Ammonia Market Size Forecast

11.2 Global Fuel Ammonia Market Forecast by Region

11.2.1 North America Market Size Forecast by Country

11.2.2 Europe Fuel Ammonia Market Size Forecast by Country

11.2.3 Asia Pacific Fuel Ammonia Market Size Forecast by Region

11.2.4 South America Fuel Ammonia Market Size Forecast by Country

11.2.5 Middle East and Africa Forecasted Sales of Fuel Ammonia by Country

12 FORECAST MARKET BY TYPE AND BY APPLICATION (2025-2032)

12.1 Global Fuel Ammonia Market Forecast by Type (2025-2032)

12.1.1 Global Forecasted Sales of Fuel Ammonia by Type (2025-2032)

12.1.2 Global Fuel Ammonia Market Size Forecast by Type (2025-2032)

12.1.3 Global Forecasted Price of Fuel Ammonia by Type (2025-2032)

12.2 Global Fuel Ammonia Market Forecast by Application (2025-2032)

12.2.1 Global Fuel Ammonia Sales (K MT) Forecast by Application

12.2.2 Global Fuel Ammonia Market Size (M USD) Forecast by Application
(2025-2032)

13 CONCLUSION AND KEY FINDINGS

I would like to order

Product name: Global Fuel Ammonia Market Research Report 2024(Status and Outlook)

Product link: <https://marketpublishers.com/r/GCA7ADC656F1EN.html>

Price: US\$ 2,800.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GCA7ADC656F1EN.html>