

Liquid Hydrogen Market Report: Trends, Forecast and Competitive Analysis to 2030

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Abstracts

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Liquid Hydrogen Trends and Forecast

The future of the global liquid hydrogen market looks promising with opportunities in the aerospace, automotive & transportation, energy & power, and industrial markets. The global liquid hydrogen market is expected to reach an estimated \$41.2 billion by 2030 with a CAGR of 5.3% from 2024 to 2030. The major drivers for this market are strong demand from the aerospace sector, rapid expansion of infrastructure for hydrogen refueling and on-going advancement of fuel cell technologies to be more efficient and cost-effective.

A more than 150-page report is developed to help in your business decisions. Sample figures with some insights are shown below.

Liquid Hydrogen by Segment

The study includes a forecast for the global liquid hydrogen by distribution, end use industry, and region.

Liquid Hydrogen Market by Distribution [Shipment Analysis by Value from 2018 to 2030]:

Pipelines

Cryogenic Tanks

Others

Liquid Hydrogen Market by End Use Industry [Shipment Analysis by Value from 2018 to 2030]:

Aerospace

Automotive & Transportation

Energy & Power

Industrial Sector

Others

Liquid Hydrogen Market by Region [Shipment Analysis by Value from 2018 to 2030]:

North America

Europe

Asia Pacific

The Rest of the World

List of Liquid Hydrogen Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies liquid hydrogen companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the liquid hydrogen companies profiled in this report include-

INOXCVA

Iwatani

Cryolor

Plug Power

Air Liquide

Air Products & Chemicals

Linde

Messer

Hylium Industries

Demaco

Liquid Hydrogen Market Insights

Lucintel forecasts that cryogenic tanks will remain larger segment over the forecast period due to growing demand for natural gas as an energy source, particularly in power generation and transportation.

Within this market, aerospace will remain the largest segment.

APAC is expected to witness the highest growth over the forecast period.

Features of the Global Liquid Hydrogen Market

Market Size Estimates: Liquid hydrogen market size estimation in terms of value (\$B).

Trend and Forecast Analysis: Market trends (2018 to 2023) and forecast (2024 to 2030) by various segments and regions.

Segmentation Analysis: Liquid hydrogen market size by distribution, end use industry,

and region in terms of value (\$B).

Regional Analysis: Liquid hydrogen market breakdown by North America, Europe, Asia Pacific, and Rest of the World.

Growth Opportunities: Analysis of growth opportunities in different distribution, end use industries, and regions for the liquid hydrogen market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape of the liquid hydrogen market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

FAQ

Q1. What is the liquid hydrogen market size?

Answer: The global liquid hydrogen market is expected to reach an estimated \$41.2 billion by 2030.

Q2. What is the growth forecast for liquid hydrogen market?

Answer: The global liquid hydrogen market is expected to grow with a CAGR of 5.3% from 2024 to 2030.

Q3. What are the major drivers influencing the growth of the liquid hydrogen market?

Answer: The major drivers for this market are strong demand from the aerospace sector, rapid expansion of infrastructure for hydrogen refueling and on-going advancement of fuel cell technologies to be more efficient and cost-effective.

Q4. What are the major segments for liquid hydrogen market?

Answer: The future of the liquid hydrogen market looks promising with opportunities in the aerospace, automotive & transportation, energy & power, and industrial sector markets.

Q5. Who are the key liquid hydrogen market companies?

Answer: Some of the key liquid hydrogen companies are as follows:

INOXCVA

Iwatani

Cryolor

Plug Power

Air Liquide

Air Products & Chemicals

Linde

Messer

Hylum Industries

Demaco

Q6. Which liquid hydrogen market segment will be the largest in future?

Answer: Lucintel forecasts that cryogenic tanks will remain larger segment over the forecast period due to growing demand for natural gas as an energy source, particularly in power generation and transportation.

Q7. In liquid hydrogen market, which region is expected to be the largest in next 5 years?

Answer: APAC is expected to witness the highest growth over the forecast period.

Q.8 Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% customization without any additional cost.

This report answers following 11 key questions:

Q.1. What are some of the most promising, high-growth opportunities for the liquid hydrogen market by distribution (pipelines, cryogenic tanks, and others), end use industry (aerospace, automotive & transportation, energy & power, industrial sector, and others), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2. Which segments will grow at a faster pace and why?

Q.3. Which region will grow at a faster pace and why?

Q.4. What are the key factors affecting market dynamics? What are the key challenges and business risks in this market?

Q.5. What are the business risks and competitive threats in this market?

Q.6. What are the emerging trends in this market and the reasons behind them?

Q.7. What are some of the changing demands of customers in the market?

Q.8. What are the new developments in the market? Which companies are leading these developments?

Q.9. Who are the major players in this market? What strategic initiatives are key players pursuing for business growth?

Q.10. What are some of the competing products in this market and how big of a threat do they pose for loss of market share by material or product substitution?

Q.11. What M&A activity has occurred in the last 5 years and what has its impact been on the industry?

For any questions related to Liquid Hydrogen Market, Liquid Hydrogen Market Size, Liquid Hydrogen Market Growth, Liquid Hydrogen Market Analysis, Liquid Hydrogen Market Report, Liquid Hydrogen Market Share, Liquid Hydrogen Market Trends, Liquid Hydrogen Market Forecast, Liquid Hydrogen Companies, write Lucintel analyst at email: helpdesk@lucintel.com. We will be glad to get back to you soon.

Contents

1. EXECUTIVE SUMMARY

2. GLOBAL LIQUID HYDROGEN MARKET : MARKET DYNAMICS

2.1: Introduction, Background, and Classifications

2.2: Supply Chain

2.3: Industry Drivers and Challenges

3. MARKET TRENDS AND FORECAST ANALYSIS FROM 2018 TO 2030

3.1. Macroeconomic Trends (2018-2023) and Forecast (2024-2030)

3.2. Global Liquid Hydrogen Market Trends (2018-2023) and Forecast (2024-2030)

3.3: Global Liquid Hydrogen Market by Distribution

3.3.1: Pipelines

3.3.2: Cryogenic Tanks

3.3.3: Others

3.4: Global Liquid Hydrogen Market by End Use Industry

3.4.1: Aerospace

3.4.2: Automotive & Transportation

3.4.3: Energy & Power

3.4.4: Industrial Sector

3.4.5: Others

4. MARKET TRENDS AND FORECAST ANALYSIS BY REGION FROM 2018 TO 2030

4.1: Global Liquid Hydrogen Market by Region

4.2: North American Liquid Hydrogen Market

4.2.1: North American Liquid Hydrogen Market by Distribution: Pipelines, Cryogenic Tanks, and Others

4.2.2: North American Liquid Hydrogen Market by End Use Industry: Aerospace, Automotive & Transportation, Energy & Power, Industrial Sector, and Others

4.3: European Liquid Hydrogen Market

4.3.1: European Liquid Hydrogen Market by Distribution: Pipelines, Cryogenic Tanks, and Others

4.3.2: European Liquid Hydrogen Market by End Use Industry: Aerospace, Automotive & Transportation, Energy & Power, Industrial Sector, and Others

4.4: APAC Liquid Hydrogen Market

4.4.1: APAC Liquid Hydrogen Market by Distribution: Pipelines, Cryogenic Tanks, and Others

4.4.2: APAC Liquid Hydrogen Market by End Use Industry: Aerospace, Automotive & Transportation, Energy & Power, Industrial Sector, and Others

4.5: ROW Liquid Hydrogen Market

4.5.1: ROW Liquid Hydrogen Market by Distribution: Pipelines, Cryogenic Tanks, and Others

4.5.2: ROW Liquid Hydrogen Market by End Use Industry: Aerospace, Automotive & Transportation, Energy & Power, Industrial Sector, and Others

5. COMPETITOR ANALYSIS

5.1: Product Portfolio Analysis

5.2: Operational Integration

5.3: Porter's Five Forces Analysis

6. GROWTH OPPORTUNITIES AND STRATEGIC ANALYSIS

6.1: Growth Opportunity Analysis

6.1.1: Growth Opportunities for the Global Liquid Hydrogen Market by Distribution

6.1.2: Growth Opportunities for the Global Liquid Hydrogen Market by End Use Industry

6.1.3: Growth Opportunities for the Global Liquid Hydrogen Market by Region

6.2: Emerging Trends in the Global Liquid Hydrogen Market

6.3: Strategic Analysis

6.3.1: New Product Development

6.3.2: Capacity Expansion of the Global Liquid Hydrogen Market

6.3.3: Mergers, Acquisitions, and Joint Ventures in the Global Liquid Hydrogen Market

6.3.4: Certification and Licensing

7. COMPANY PROFILES OF LEADING PLAYERS

7.1: INOXCVA

7.2: Iwatani

7.3: Cryolor

7.4: Plug Power

7.5: Air Liquide

7.6: Air Products & Chemicals

7.7: Linde

7.8: Messer

7.9: Hylium Industries

7.10: Demaco

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