

Global Hydrogen Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

<https://marketpublishers.com/r/G3CDA7191FDEN.html>

Date: January 2024

Pages: 113

Price: US\$ 3,480.00 (Single User License)

ID: G3CDA7191FDEN

Abstracts

According to our (Global Info Research) latest study, the global Hydrogen market size was valued at USD 147940 million in 2023 and is forecast to a readjusted size of USD 165420 million by 2030 with a CAGR of 1.6% during review period.

Hydrogen is a clean alternative to methane, also known as natural gas. It's the most abundant chemical element

Global key players of Hydrogen include Linde Group, Sinopec, Air Products, Air Liquide, Taiyo Nippon Sanso, etc. The top five players hold a share about 10%. China is the largest producer, holds a share around 31%, followed by Europe and North America, with share 24% and 15%, separately. The largest market is China, has a share about 30%, followed by Europe and North America, with around 27% and 15% market share respectively.

The Global Info Research report includes an overview of the development of the Hydrogen industry chain, the market status of Oil Refining (Captive Hydrogen, Merchant Hydrogen), Ammonia Production (Captive Hydrogen, Merchant Hydrogen), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Hydrogen.

Regionally, the report analyzes the Hydrogen markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Hydrogen market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Hydrogen market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Hydrogen industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (K MT), revenue generated, and market share of different by Type (e.g., Captive Hydrogen, Merchant Hydrogen).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Hydrogen market.

Regional Analysis: The report involves examining the Hydrogen market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Hydrogen market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Hydrogen:

Company Analysis: Report covers individual Hydrogen manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Hydrogen This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Oil Refining, Ammonia Production).

Technology Analysis: Report covers specific technologies relevant to Hydrogen. It

assesses the current state, advancements, and potential future developments in Hydrogen areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Hydrogen market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Hydrogen market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Captive Hydrogen

Merchant Hydrogen

Market segment by Application

Oil Refining

Ammonia Production

Methanol Production

Steel Production

The Fuel Cell

Electronics And Semiconductors

Others

Major players covered

Linde Group

Air Liquide

Air Products

Air Water

Taiyo Nippon Sanso

Messer Group

Yinde Gas

Meijin Energy

Donghua Energy

Sinopec

Huachang Chemical

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Hydrogen product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Hydrogen, with price, sales, revenue and global market share of Hydrogen from 2019 to 2024.

Chapter 3, the Hydrogen competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Hydrogen breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and Hydrogen market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Hydrogen.

Chapter 14 and 15, to describe Hydrogen sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of Hydrogen
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
 - 1.3.1 Overview: Global Hydrogen Consumption Value by Type: 2019 Versus 2023 Versus 2030
 - 1.3.2 Captive Hydrogen
 - 1.3.3 Merchant Hydrogen
- 1.4 Market Analysis by Application
 - 1.4.1 Overview: Global Hydrogen Consumption Value by Application: 2019 Versus 2023 Versus 2030
 - 1.4.2 Oil Refining
 - 1.4.3 Ammonia Production
 - 1.4.4 Methanol Production
 - 1.4.5 Steel Production
 - 1.4.6 The Fuel Cell
 - 1.4.7 Electronics And Semiconductors
 - 1.4.8 Others
- 1.5 Global Hydrogen Market Size & Forecast
 - 1.5.1 Global Hydrogen Consumption Value (2019 & 2023 & 2030)
 - 1.5.2 Global Hydrogen Sales Quantity (2019-2030)
 - 1.5.3 Global Hydrogen Average Price (2019-2030)

2 MANUFACTURERS PROFILES

- 2.1 Linde Group
 - 2.1.1 Linde Group Details
 - 2.1.2 Linde Group Major Business
 - 2.1.3 Linde Group Hydrogen Product and Services
 - 2.1.4 Linde Group Hydrogen Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.1.5 Linde Group Recent Developments/Updates
- 2.2 Air Liquide
 - 2.2.1 Air Liquide Details
 - 2.2.2 Air Liquide Major Business
 - 2.2.3 Air Liquide Hydrogen Product and Services

2.2.4 Air Liquide Hydrogen Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.2.5 Air Liquide Recent Developments/Updates

2.3 Air Products

2.3.1 Air Products Details

2.3.2 Air Products Major Business

2.3.3 Air Products Hydrogen Product and Services

2.3.4 Air Products Hydrogen Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.3.5 Air Products Recent Developments/Updates

2.4 Air Water

2.4.1 Air Water Details

2.4.2 Air Water Major Business

2.4.3 Air Water Hydrogen Product and Services

2.4.4 Air Water Hydrogen Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.4.5 Air Water Recent Developments/Updates

2.5 Taiyo Nippon Sanso

2.5.1 Taiyo Nippon Sanso Details

2.5.2 Taiyo Nippon Sanso Major Business

2.5.3 Taiyo Nippon Sanso Hydrogen Product and Services

2.5.4 Taiyo Nippon Sanso Hydrogen Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.5.5 Taiyo Nippon Sanso Recent Developments/Updates

2.6 Messer Group

2.6.1 Messer Group Details

2.6.2 Messer Group Major Business

2.6.3 Messer Group Hydrogen Product and Services

2.6.4 Messer Group Hydrogen Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.6.5 Messer Group Recent Developments/Updates

2.7 Yinde Gas

2.7.1 Yinde Gas Details

2.7.2 Yinde Gas Major Business

2.7.3 Yinde Gas Hydrogen Product and Services

2.7.4 Yinde Gas Hydrogen Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.7.5 Yinde Gas Recent Developments/Updates

2.8 Meijin Energy

- 2.8.1 Meijin Energy Details
- 2.8.2 Meijin Energy Major Business
- 2.8.3 Meijin Energy Hydrogen Product and Services
- 2.8.4 Meijin Energy Hydrogen Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
- 2.8.5 Meijin Energy Recent Developments/Updates
- 2.9 Donghua Energy
 - 2.9.1 Donghua Energy Details
 - 2.9.2 Donghua Energy Major Business
 - 2.9.3 Donghua Energy Hydrogen Product and Services
 - 2.9.4 Donghua Energy Hydrogen Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.9.5 Donghua Energy Recent Developments/Updates
- 2.10 Sinopec
 - 2.10.1 Sinopec Details
 - 2.10.2 Sinopec Major Business
 - 2.10.3 Sinopec Hydrogen Product and Services
 - 2.10.4 Sinopec Hydrogen Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.10.5 Sinopec Recent Developments/Updates
- 2.11 Huachang Chemical
 - 2.11.1 Huachang Chemical Details
 - 2.11.2 Huachang Chemical Major Business
 - 2.11.3 Huachang Chemical Hydrogen Product and Services
 - 2.11.4 Huachang Chemical Hydrogen Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.11.5 Huachang Chemical Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: HYDROGEN BY MANUFACTURER

- 3.1 Global Hydrogen Sales Quantity by Manufacturer (2019-2024)
- 3.2 Global Hydrogen Revenue by Manufacturer (2019-2024)
- 3.3 Global Hydrogen Average Price by Manufacturer (2019-2024)
- 3.4 Market Share Analysis (2023)
 - 3.4.1 Producer Shipments of Hydrogen by Manufacturer Revenue (\$MM) and Market Share (%): 2023
 - 3.4.2 Top 3 Hydrogen Manufacturer Market Share in 2023
 - 3.4.2 Top 6 Hydrogen Manufacturer Market Share in 2023
- 3.5 Hydrogen Market: Overall Company Footprint Analysis

- 3.5.1 Hydrogen Market: Region Footprint
- 3.5.2 Hydrogen Market: Company Product Type Footprint
- 3.5.3 Hydrogen Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

- 4.1 Global Hydrogen Market Size by Region
 - 4.1.1 Global Hydrogen Sales Quantity by Region (2019-2030)
 - 4.1.2 Global Hydrogen Consumption Value by Region (2019-2030)
 - 4.1.3 Global Hydrogen Average Price by Region (2019-2030)
- 4.2 North America Hydrogen Consumption Value (2019-2030)
- 4.3 Europe Hydrogen Consumption Value (2019-2030)
- 4.4 Asia-Pacific Hydrogen Consumption Value (2019-2030)
- 4.5 South America Hydrogen Consumption Value (2019-2030)
- 4.6 Middle East and Africa Hydrogen Consumption Value (2019-2030)

5 MARKET SEGMENT BY TYPE

- 5.1 Global Hydrogen Sales Quantity by Type (2019-2030)
- 5.2 Global Hydrogen Consumption Value by Type (2019-2030)
- 5.3 Global Hydrogen Average Price by Type (2019-2030)

6 MARKET SEGMENT BY APPLICATION

- 6.1 Global Hydrogen Sales Quantity by Application (2019-2030)
- 6.2 Global Hydrogen Consumption Value by Application (2019-2030)
- 6.3 Global Hydrogen Average Price by Application (2019-2030)

7 NORTH AMERICA

- 7.1 North America Hydrogen Sales Quantity by Type (2019-2030)
- 7.2 North America Hydrogen Sales Quantity by Application (2019-2030)
- 7.3 North America Hydrogen Market Size by Country
 - 7.3.1 North America Hydrogen Sales Quantity by Country (2019-2030)
 - 7.3.2 North America Hydrogen Consumption Value by Country (2019-2030)
 - 7.3.3 United States Market Size and Forecast (2019-2030)
 - 7.3.4 Canada Market Size and Forecast (2019-2030)

7.3.5 Mexico Market Size and Forecast (2019-2030)

8 EUROPE

8.1 Europe Hydrogen Sales Quantity by Type (2019-2030)

8.2 Europe Hydrogen Sales Quantity by Application (2019-2030)

8.3 Europe Hydrogen Market Size by Country

8.3.1 Europe Hydrogen Sales Quantity by Country (2019-2030)

8.3.2 Europe Hydrogen Consumption Value by Country (2019-2030)

8.3.3 Germany Market Size and Forecast (2019-2030)

8.3.4 France Market Size and Forecast (2019-2030)

8.3.5 United Kingdom Market Size and Forecast (2019-2030)

8.3.6 Russia Market Size and Forecast (2019-2030)

8.3.7 Italy Market Size and Forecast (2019-2030)

9 ASIA-PACIFIC

9.1 Asia-Pacific Hydrogen Sales Quantity by Type (2019-2030)

9.2 Asia-Pacific Hydrogen Sales Quantity by Application (2019-2030)

9.3 Asia-Pacific Hydrogen Market Size by Region

9.3.1 Asia-Pacific Hydrogen Sales Quantity by Region (2019-2030)

9.3.2 Asia-Pacific Hydrogen Consumption Value by Region (2019-2030)

9.3.3 China Market Size and Forecast (2019-2030)

9.3.4 Japan Market Size and Forecast (2019-2030)

9.3.5 Korea Market Size and Forecast (2019-2030)

9.3.6 India Market Size and Forecast (2019-2030)

9.3.7 Southeast Asia Market Size and Forecast (2019-2030)

9.3.8 Australia Market Size and Forecast (2019-2030)

10 SOUTH AMERICA

10.1 South America Hydrogen Sales Quantity by Type (2019-2030)

10.2 South America Hydrogen Sales Quantity by Application (2019-2030)

10.3 South America Hydrogen Market Size by Country

10.3.1 South America Hydrogen Sales Quantity by Country (2019-2030)

10.3.2 South America Hydrogen Consumption Value by Country (2019-2030)

10.3.3 Brazil Market Size and Forecast (2019-2030)

10.3.4 Argentina Market Size and Forecast (2019-2030)

11 MIDDLE EAST & AFRICA

- 11.1 Middle East & Africa Hydrogen Sales Quantity by Type (2019-2030)
- 11.2 Middle East & Africa Hydrogen Sales Quantity by Application (2019-2030)
- 11.3 Middle East & Africa Hydrogen Market Size by Country
 - 11.3.1 Middle East & Africa Hydrogen Sales Quantity by Country (2019-2030)
 - 11.3.2 Middle East & Africa Hydrogen Consumption Value by Country (2019-2030)
 - 11.3.3 Turkey Market Size and Forecast (2019-2030)
 - 11.3.4 Egypt Market Size and Forecast (2019-2030)
 - 11.3.5 Saudi Arabia Market Size and Forecast (2019-2030)
 - 11.3.6 South Africa Market Size and Forecast (2019-2030)

12 MARKET DYNAMICS

- 12.1 Hydrogen Market Drivers
- 12.2 Hydrogen Market Restraints
- 12.3 Hydrogen Trends Analysis
- 12.4 Porters Five Forces Analysis
 - 12.4.1 Threat of New Entrants
 - 12.4.2 Bargaining Power of Suppliers
 - 12.4.3 Bargaining Power of Buyers
 - 12.4.4 Threat of Substitutes
 - 12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

- 13.1 Raw Material of Hydrogen and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Hydrogen
- 13.3 Hydrogen Production Process
- 13.4 Hydrogen Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

- 14.1 Sales Channel
 - 14.1.1 Direct to End-User
 - 14.1.2 Distributors
- 14.2 Hydrogen Typical Distributors
- 14.3 Hydrogen Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global Hydrogen Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Table 2. Global Hydrogen Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Table 3. Linde Group Basic Information, Manufacturing Base and Competitors

Table 4. Linde Group Major Business

Table 5. Linde Group Hydrogen Product and Services

Table 6. Linde Group Hydrogen Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 7. Linde Group Recent Developments/Updates

Table 8. Air Liquide Basic Information, Manufacturing Base and Competitors

Table 9. Air Liquide Major Business

Table 10. Air Liquide Hydrogen Product and Services

Table 11. Air Liquide Hydrogen Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 12. Air Liquide Recent Developments/Updates

Table 13. Air Products Basic Information, Manufacturing Base and Competitors

Table 14. Air Products Major Business

Table 15. Air Products Hydrogen Product and Services

Table 16. Air Products Hydrogen Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 17. Air Products Recent Developments/Updates

Table 18. Air Water Basic Information, Manufacturing Base and Competitors

Table 19. Air Water Major Business

Table 20. Air Water Hydrogen Product and Services

Table 21. Air Water Hydrogen Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 22. Air Water Recent Developments/Updates

Table 23. Taiyo Nippon Sanso Basic Information, Manufacturing Base and Competitors

Table 24. Taiyo Nippon Sanso Major Business

Table 25. Taiyo Nippon Sanso Hydrogen Product and Services

Table 26. Taiyo Nippon Sanso Hydrogen Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 27. Taiyo Nippon Sanso Recent Developments/Updates

Table 28. Messer Group Basic Information, Manufacturing Base and Competitors

- Table 29. Messer Group Major Business
- Table 30. Messer Group Hydrogen Product and Services
- Table 31. Messer Group Hydrogen Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 32. Messer Group Recent Developments/Updates
- Table 33. Yinde Gas Basic Information, Manufacturing Base and Competitors
- Table 34. Yinde Gas Major Business
- Table 35. Yinde Gas Hydrogen Product and Services
- Table 36. Yinde Gas Hydrogen Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 37. Yinde Gas Recent Developments/Updates
- Table 38. Meijin Energy Basic Information, Manufacturing Base and Competitors
- Table 39. Meijin Energy Major Business
- Table 40. Meijin Energy Hydrogen Product and Services
- Table 41. Meijin Energy Hydrogen Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 42. Meijin Energy Recent Developments/Updates
- Table 43. Donghua Energy Basic Information, Manufacturing Base and Competitors
- Table 44. Donghua Energy Major Business
- Table 45. Donghua Energy Hydrogen Product and Services
- Table 46. Donghua Energy Hydrogen Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 47. Donghua Energy Recent Developments/Updates
- Table 48. Sinopec Basic Information, Manufacturing Base and Competitors
- Table 49. Sinopec Major Business
- Table 50. Sinopec Hydrogen Product and Services
- Table 51. Sinopec Hydrogen Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 52. Sinopec Recent Developments/Updates
- Table 53. Huachang Chemical Basic Information, Manufacturing Base and Competitors
- Table 54. Huachang Chemical Major Business
- Table 55. Huachang Chemical Hydrogen Product and Services
- Table 56. Huachang Chemical Hydrogen Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 57. Huachang Chemical Recent Developments/Updates
- Table 58. Global Hydrogen Sales Quantity by Manufacturer (2019-2024) & (K MT)
- Table 59. Global Hydrogen Revenue by Manufacturer (2019-2024) & (USD Million)
- Table 60. Global Hydrogen Average Price by Manufacturer (2019-2024) & (USD/MT)
- Table 61. Market Position of Manufacturers in Hydrogen, (Tier 1, Tier 2, and Tier 3),

Based on Consumption Value in 2023

Table 62. Head Office and Hydrogen Production Site of Key Manufacturer

Table 63. Hydrogen Market: Company Product Type Footprint

Table 64. Hydrogen Market: Company Product Application Footprint

Table 65. Hydrogen New Market Entrants and Barriers to Market Entry

Table 66. Hydrogen Mergers, Acquisition, Agreements, and Collaborations

Table 67. Global Hydrogen Sales Quantity by Region (2019-2024) & (K MT)

Table 68. Global Hydrogen Sales Quantity by Region (2025-2030) & (K MT)

Table 69. Global Hydrogen Consumption Value by Region (2019-2024) & (USD Million)

Table 70. Global Hydrogen Consumption Value by Region (2025-2030) & (USD Million)

Table 71. Global Hydrogen Average Price by Region (2019-2024) & (USD/MT)

Table 72. Global Hydrogen Average Price by Region (2025-2030) & (USD/MT)

Table 73. Global Hydrogen Sales Quantity by Type (2019-2024) & (K MT)

Table 74. Global Hydrogen Sales Quantity by Type (2025-2030) & (K MT)

Table 75. Global Hydrogen Consumption Value by Type (2019-2024) & (USD Million)

Table 76. Global Hydrogen Consumption Value by Type (2025-2030) & (USD Million)

Table 77. Global Hydrogen Average Price by Type (2019-2024) & (USD/MT)

Table 78. Global Hydrogen Average Price by Type (2025-2030) & (USD/MT)

Table 79. Global Hydrogen Sales Quantity by Application (2019-2024) & (K MT)

Table 80. Global Hydrogen Sales Quantity by Application (2025-2030) & (K MT)

Table 81. Global Hydrogen Consumption Value by Application (2019-2024) & (USD Million)

Table 82. Global Hydrogen Consumption Value by Application (2025-2030) & (USD Million)

Table 83. Global Hydrogen Average Price by Application (2019-2024) & (USD/MT)

Table 84. Global Hydrogen Average Price by Application (2025-2030) & (USD/MT)

Table 85. North America Hydrogen Sales Quantity by Type (2019-2024) & (K MT)

Table 86. North America Hydrogen Sales Quantity by Type (2025-2030) & (K MT)

Table 87. North America Hydrogen Sales Quantity by Application (2019-2024) & (K MT)

Table 88. North America Hydrogen Sales Quantity by Application (2025-2030) & (K MT)

Table 89. North America Hydrogen Sales Quantity by Country (2019-2024) & (K MT)

Table 90. North America Hydrogen Sales Quantity by Country (2025-2030) & (K MT)

Table 91. North America Hydrogen Consumption Value by Country (2019-2024) & (USD Million)

Table 92. North America Hydrogen Consumption Value by Country (2025-2030) & (USD Million)

Table 93. Europe Hydrogen Sales Quantity by Type (2019-2024) & (K MT)

Table 94. Europe Hydrogen Sales Quantity by Type (2025-2030) & (K MT)

Table 95. Europe Hydrogen Sales Quantity by Application (2019-2024) & (K MT)

Table 96. Europe Hydrogen Sales Quantity by Application (2025-2030) & (K MT)

Table 97. Europe Hydrogen Sales Quantity by Country (2019-2024) & (K MT)

Table 98. Europe Hydrogen Sales Quantity by Country (2025-2030) & (K MT)

Table 99. Europe Hydrogen Consumption Value by Country (2019-2024) & (USD Million)

Table 100. Europe Hydrogen Consumption Value by Country (2025-2030) & (USD Million)

Table 101. Asia-Pacific Hydrogen Sales Quantity by Type (2019-2024) & (K MT)

Table 102. Asia-Pacific Hydrogen Sales Quantity by Type (2025-2030) & (K MT)

Table 103. Asia-Pacific Hydrogen Sales Quantity by Application (2019-2024) & (K MT)

Table 104. Asia-Pacific Hydrogen Sales Quantity by Application (2025-2030) & (K MT)

Table 105. Asia-Pacific Hydrogen Sales Quantity by Region (2019-2024) & (K MT)

Table 106. Asia-Pacific Hydrogen Sales Quantity by Region (2025-2030) & (K MT)

Table 107. Asia-Pacific Hydrogen Consumption Value by Region (2019-2024) & (USD Million)

Table 108. Asia-Pacific Hydrogen Consumption Value by Region (2025-2030) & (USD Million)

Table 109. South America Hydrogen Sales Quantity by Type (2019-2024) & (K MT)

Table 110. South America Hydrogen Sales Quantity by Type (2025-2030) & (K MT)

Table 111. South America Hydrogen Sales Quantity by Application (2019-2024) & (K MT)

Table 112. South America Hydrogen Sales Quantity by Application (2025-2030) & (K MT)

Table 113. South America Hydrogen Sales Quantity by Country (2019-2024) & (K MT)

Table 114. South America Hydrogen Sales Quantity by Country (2025-2030) & (K MT)

Table 115. South America Hydrogen Consumption Value by Country (2019-2024) & (USD Million)

Table 116. South America Hydrogen Consumption Value by Country (2025-2030) & (USD Million)

Table 117. Middle East & Africa Hydrogen Sales Quantity by Type (2019-2024) & (K MT)

Table 118. Middle East & Africa Hydrogen Sales Quantity by Type (2025-2030) & (K MT)

Table 119. Middle East & Africa Hydrogen Sales Quantity by Application (2019-2024) & (K MT)

Table 120. Middle East & Africa Hydrogen Sales Quantity by Application (2025-2030) & (K MT)

Table 121. Middle East & Africa Hydrogen Sales Quantity by Region (2019-2024) & (K MT)

Table 122. Middle East & Africa Hydrogen Sales Quantity by Region (2025-2030) & (K MT)

Table 123. Middle East & Africa Hydrogen Consumption Value by Region (2019-2024) & (USD Million)

Table 124. Middle East & Africa Hydrogen Consumption Value by Region (2025-2030) & (USD Million)

Table 125. Hydrogen Raw Material

Table 126. Key Manufacturers of Hydrogen Raw Materials

Table 127. Hydrogen Typical Distributors

Table 128. Hydrogen Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. Hydrogen Picture

Figure 2. Global Hydrogen Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Figure 3. Global Hydrogen Consumption Value Market Share by Type in 2023

Figure 4. Captive Hydrogen Examples

Figure 5. Merchant Hydrogen Examples

Figure 6. Global Hydrogen Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Figure 7. Global Hydrogen Consumption Value Market Share by Application in 2023

Figure 8. Oil Refining Examples

Figure 9. Ammonia Production Examples

Figure 10. Methanol Production Examples

Figure 11. Steel Production Examples

Figure 12. The Fuel Cell Examples

Figure 13. Electronics And Semiconductors Examples

Figure 14. Others Examples

Figure 15. Global Hydrogen Consumption Value, (USD Million): 2019 & 2023 & 2030

Figure 16. Global Hydrogen Consumption Value and Forecast (2019-2030) & (USD Million)

Figure 17. Global Hydrogen Sales Quantity (2019-2030) & (K MT)

Figure 18. Global Hydrogen Average Price (2019-2030) & (USD/MT)

Figure 19. Global Hydrogen Sales Quantity Market Share by Manufacturer in 2023

Figure 20. Global Hydrogen Consumption Value Market Share by Manufacturer in 2023

Figure 21. Producer Shipments of Hydrogen by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2023

Figure 22. Top 3 Hydrogen Manufacturer (Consumption Value) Market Share in 2023

Figure 23. Top 6 Hydrogen Manufacturer (Consumption Value) Market Share in 2023

Figure 24. Global Hydrogen Sales Quantity Market Share by Region (2019-2030)

Figure 25. Global Hydrogen Consumption Value Market Share by Region (2019-2030)

Figure 26. North America Hydrogen Consumption Value (2019-2030) & (USD Million)

Figure 27. Europe Hydrogen Consumption Value (2019-2030) & (USD Million)

Figure 28. Asia-Pacific Hydrogen Consumption Value (2019-2030) & (USD Million)

Figure 29. South America Hydrogen Consumption Value (2019-2030) & (USD Million)

Figure 30. Middle East & Africa Hydrogen Consumption Value (2019-2030) & (USD Million)

- Figure 31. Global Hydrogen Sales Quantity Market Share by Type (2019-2030)
- Figure 32. Global Hydrogen Consumption Value Market Share by Type (2019-2030)
- Figure 33. Global Hydrogen Average Price by Type (2019-2030) & (USD/MT)
- Figure 34. Global Hydrogen Sales Quantity Market Share by Application (2019-2030)
- Figure 35. Global Hydrogen Consumption Value Market Share by Application (2019-2030)
- Figure 36. Global Hydrogen Average Price by Application (2019-2030) & (USD/MT)
- Figure 37. North America Hydrogen Sales Quantity Market Share by Type (2019-2030)
- Figure 38. North America Hydrogen Sales Quantity Market Share by Application (2019-2030)
- Figure 39. North America Hydrogen Sales Quantity Market Share by Country (2019-2030)
- Figure 40. North America Hydrogen Consumption Value Market Share by Country (2019-2030)
- Figure 41. United States Hydrogen Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 42. Canada Hydrogen Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 43. Mexico Hydrogen Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 44. Europe Hydrogen Sales Quantity Market Share by Type (2019-2030)
- Figure 45. Europe Hydrogen Sales Quantity Market Share by Application (2019-2030)
- Figure 46. Europe Hydrogen Sales Quantity Market Share by Country (2019-2030)
- Figure 47. Europe Hydrogen Consumption Value Market Share by Country (2019-2030)
- Figure 48. Germany Hydrogen Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 49. France Hydrogen Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 50. United Kingdom Hydrogen Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 51. Russia Hydrogen Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 52. Italy Hydrogen Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 53. Asia-Pacific Hydrogen Sales Quantity Market Share by Type (2019-2030)
- Figure 54. Asia-Pacific Hydrogen Sales Quantity Market Share by Application (2019-2030)
- Figure 55. Asia-Pacific Hydrogen Sales Quantity Market Share by Region (2019-2030)
- Figure 56. Asia-Pacific Hydrogen Consumption Value Market Share by Region

(2019-2030)

Figure 57. China Hydrogen Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 58. Japan Hydrogen Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 59. Korea Hydrogen Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 60. India Hydrogen Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 61. Southeast Asia Hydrogen Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 62. Australia Hydrogen Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 63. South America Hydrogen Sales Quantity Market Share by Type (2019-2030)

Figure 64. South America Hydrogen Sales Quantity Market Share by Application (2019-2030)

Figure 65. South America Hydrogen Sales Quantity Market Share by Country (2019-2030)

Figure 66. South America Hydrogen Consumption Value Market Share by Country (2019-2030)

Figure 67. Brazil Hydrogen Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 68. Argentina Hydrogen Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 69. Middle East & Africa Hydrogen Sales Quantity Market Share by Type (2019-2030)

Figure 70. Middle East & Africa Hydrogen Sales Quantity Market Share by Application (2019-2030)

Figure 71. Middle East & Africa Hydrogen Sales Quantity Market Share by Region (2019-2030)

Figure 72. Middle East & Africa Hydrogen Consumption Value Market Share by Region (2019-2030)

Figure 73. Turkey Hydrogen Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 74. Egypt Hydrogen Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 75. Saudi Arabia Hydrogen Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 76. South Africa Hydrogen Consumption Value and Growth Rate (2019-2030) &

(USD Million)

Figure 77. Hydrogen Market Drivers

Figure 78. Hydrogen Market Restraints

Figure 79. Hydrogen Market Trends

Figure 80. Porters Five Forces Analysis

Figure 81. Manufacturing Cost Structure Analysis of Hydrogen in 2023

Figure 82. Manufacturing Process Analysis of Hydrogen

Figure 83. Hydrogen Industrial Chain

Figure 84. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 85. Direct Channel Pros & Cons

Figure 86. Indirect Channel Pros & Cons

Figure 87. Methodology

Figure 88. Research Process and Data Source

I would like to order

Product name: Global Hydrogen Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

Product link: <https://marketpublishers.com/r/G3CDA7191FDEN.html>

Price: US\$ 3,480.00 (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/G3CDA7191FDEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

