

Global Liquid Regenerative Hydrogen Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Liquid Regenerative Hydrogen market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

Continuing developments in renewable energy technologies, such as solar and wind power, have increased the efficiency of regenerative liquid hydrogen production. Water electrolysis technologies, hydrogen storage technologies and hydrogen liquefaction and storage technologies are also improving. Many countries and regions are seeking to reduce their dependence on fossil fuels and shift to cleaner sources of energy. Regenerative liquid hydrogen is seen as a potential alternative energy source for electricity production, transportation and industrial uses. A number of countries and regions internationally have introduced policies and programs to encourage green hydrogen production and application. These policies are expected to boost the market for regenerative liquid hydrogen. Currently, the production cost of regenerative liquid hydrogen is high, but with technological advancements and increased scale effect, its cost is expected to gradually decrease, making it more competitive. With the development of regenerative liquid hydrogen, there is a need to build the appropriate infrastructure for hydrogen production, storage and distribution. This will be an important challenge and opportunity. Internationally, many countries and organizations are actively cooperating to promote the development and application of regenerative liquid hydrogen technology. Such cooperation is expected to accelerate the diffusion of the technology and market development.

Liquid Regenerative Hydrogen, is a liquid obtained from hydrogen by cooling. Liquid hydrogen has to be kept at very low temperatures.

This report studies the global Liquid Regenerative Hydrogen production, demand, key

manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Liquid Regenerative Hydrogen, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Liquid Regenerative Hydrogen that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Liquid Regenerative Hydrogen total production and demand, 2018-2029, (Tons)

Global Liquid Regenerative Hydrogen total production value, 2018-2029, (USD Million)

Global Liquid Regenerative Hydrogen production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Liquid Regenerative Hydrogen consumption by region & country, CAGR, 2018-2029 & (Tons)

U.S. VS China: Liquid Regenerative Hydrogen domestic production, consumption, key domestic manufacturers and share

Global Liquid Regenerative Hydrogen production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Tons)

Global Liquid Regenerative Hydrogen production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Liquid Regenerative Hydrogen production by Application production, value, CAGR, 2018-2029, (USD Million) & (Tons).

This reports profiles key players in the global Liquid Regenerative Hydrogen market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Air Liquide International S.A., FuelCell Energy Inc., Bloom Energy Corp, Nikola Corporation, Messer Group GmbH, Reliance Industries Ltd., Parker Hannifin, Hydrogenics and McPhy, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Liquid Regenerative Hydrogen market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/Ton) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Liquid Regenerative Hydrogen Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Liquid Regenerative Hydrogen Market, Segmentation by Type

Purity Above 99.9%

Purity Below 99.9%

Global Liquid Regenerative Hydrogen Market, Segmentation by Application

Mechanical Engineering

Automotive

Aeronautics

Marine

Oil And Gas

Chemical Industrial

Medical

Electrical

Companies Profiled:

Air Liquide International S.A.

FuelCell Energy Inc.

Bloom Energy Corp

Nikola Corporation

Messer Group GmbH

Reliance Industries Ltd.

Parker Hannifin

Hydrogenics

McPhy

Ballard Power Systems Inc.

Plug Power

Dow Inc

Cummins Inc

Linde PLC

ENGIE

ArianeGroup

AFCryo

Fabrum Solutions

Key Questions Answered

1. How big is the global Liquid Regenerative Hydrogen market?
2. What is the demand of the global Liquid Regenerative Hydrogen market?
3. What is the year over year growth of the global Liquid Regenerative Hydrogen market?
4. What is the production and production value of the global Liquid Regenerative Hydrogen market?
5. Who are the key producers in the global Liquid Regenerative Hydrogen market?

Contents

1 SUPPLY SUMMARY

- 1.1 Liquid Regenerative Hydrogen Introduction
- 1.2 World Liquid Regenerative Hydrogen Supply & Forecast
 - 1.2.1 World Liquid Regenerative Hydrogen Production Value (2018 & 2022 & 2029)
 - 1.2.2 World Liquid Regenerative Hydrogen Production (2018-2029)
 - 1.2.3 World Liquid Regenerative Hydrogen Pricing Trends (2018-2029)
- 1.3 World Liquid Regenerative Hydrogen Production by Region (Based on Production Site)
 - 1.3.1 World Liquid Regenerative Hydrogen Production Value by Region (2018-2029)
 - 1.3.2 World Liquid Regenerative Hydrogen Production by Region (2018-2029)
 - 1.3.3 World Liquid Regenerative Hydrogen Average Price by Region (2018-2029)
 - 1.3.4 North America Liquid Regenerative Hydrogen Production (2018-2029)
 - 1.3.5 Europe Liquid Regenerative Hydrogen Production (2018-2029)
 - 1.3.6 China Liquid Regenerative Hydrogen Production (2018-2029)
 - 1.3.7 Japan Liquid Regenerative Hydrogen Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Liquid Regenerative Hydrogen Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Liquid Regenerative Hydrogen Major Market Trends

2 DEMAND SUMMARY

- 2.1 World Liquid Regenerative Hydrogen Demand (2018-2029)
- 2.2 World Liquid Regenerative Hydrogen Consumption by Region
 - 2.2.1 World Liquid Regenerative Hydrogen Consumption by Region (2018-2023)
 - 2.2.2 World Liquid Regenerative Hydrogen Consumption Forecast by Region (2024-2029)
- 2.3 United States Liquid Regenerative Hydrogen Consumption (2018-2029)
- 2.4 China Liquid Regenerative Hydrogen Consumption (2018-2029)
- 2.5 Europe Liquid Regenerative Hydrogen Consumption (2018-2029)
- 2.6 Japan Liquid Regenerative Hydrogen Consumption (2018-2029)
- 2.7 South Korea Liquid Regenerative Hydrogen Consumption (2018-2029)
- 2.8 ASEAN Liquid Regenerative Hydrogen Consumption (2018-2029)
- 2.9 India Liquid Regenerative Hydrogen Consumption (2018-2029)

3 WORLD LIQUID REGENERATIVE HYDROGEN MANUFACTURERS

COMPETITIVE ANALYSIS

- 3.1 World Liquid Regenerative Hydrogen Production Value by Manufacturer (2018-2023)
- 3.2 World Liquid Regenerative Hydrogen Production by Manufacturer (2018-2023)
- 3.3 World Liquid Regenerative Hydrogen Average Price by Manufacturer (2018-2023)
- 3.4 Liquid Regenerative Hydrogen Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global Liquid Regenerative Hydrogen Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for Liquid Regenerative Hydrogen in 2022
 - 3.5.3 Global Concentration Ratios (CR8) for Liquid Regenerative Hydrogen in 2022
- 3.6 Liquid Regenerative Hydrogen Market: Overall Company Footprint Analysis
 - 3.6.1 Liquid Regenerative Hydrogen Market: Region Footprint
 - 3.6.2 Liquid Regenerative Hydrogen Market: Company Product Type Footprint
 - 3.6.3 Liquid Regenerative Hydrogen Market: Company Product Application Footprint
- 3.7 Competitive Environment
 - 3.7.1 Historical Structure of the Industry
 - 3.7.2 Barriers of Market Entry
 - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

- 4.1 United States VS China: Liquid Regenerative Hydrogen Production Value Comparison
 - 4.1.1 United States VS China: Liquid Regenerative Hydrogen Production Value Comparison (2018 & 2022 & 2029)
 - 4.1.2 United States VS China: Liquid Regenerative Hydrogen Production Value Market Share Comparison (2018 & 2022 & 2029)
- 4.2 United States VS China: Liquid Regenerative Hydrogen Production Comparison
 - 4.2.1 United States VS China: Liquid Regenerative Hydrogen Production Comparison (2018 & 2022 & 2029)
 - 4.2.2 United States VS China: Liquid Regenerative Hydrogen Production Market Share Comparison (2018 & 2022 & 2029)
- 4.3 United States VS China: Liquid Regenerative Hydrogen Consumption Comparison
 - 4.3.1 United States VS China: Liquid Regenerative Hydrogen Consumption Comparison (2018 & 2022 & 2029)
 - 4.3.2 United States VS China: Liquid Regenerative Hydrogen Consumption Market

Share Comparison (2018 & 2022 & 2029)

4.4 United States Based Liquid Regenerative Hydrogen Manufacturers and Market Share, 2018-2023

4.4.1 United States Based Liquid Regenerative Hydrogen Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Liquid Regenerative Hydrogen Production Value (2018-2023)

4.4.3 United States Based Manufacturers Liquid Regenerative Hydrogen Production (2018-2023)

4.5 China Based Liquid Regenerative Hydrogen Manufacturers and Market Share

4.5.1 China Based Liquid Regenerative Hydrogen Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Liquid Regenerative Hydrogen Production Value (2018-2023)

4.5.3 China Based Manufacturers Liquid Regenerative Hydrogen Production (2018-2023)

4.6 Rest of World Based Liquid Regenerative Hydrogen Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based Liquid Regenerative Hydrogen Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Liquid Regenerative Hydrogen Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers Liquid Regenerative Hydrogen Production (2018-2023)

5 MARKET ANALYSIS BY TYPE

5.1 World Liquid Regenerative Hydrogen Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 Purity Above 99.9%

5.2.2 Purity Below 99.9%

5.3 Market Segment by Type

5.3.1 World Liquid Regenerative Hydrogen Production by Type (2018-2029)

5.3.2 World Liquid Regenerative Hydrogen Production Value by Type (2018-2029)

5.3.3 World Liquid Regenerative Hydrogen Average Price by Type (2018-2029)

6 MARKET ANALYSIS BY APPLICATION

6.1 World Liquid Regenerative Hydrogen Market Size Overview by Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 Mechanical Engineering

6.2.2 Automotive

6.2.3 Aeronautics

6.2.4 Marine

6.2.5 Oil And Gas

6.2.6 Chemical Industrial

6.2.7 Medical

6.2.8 Electrical

6.3 Market Segment by Application

6.3.1 World Liquid Regenerative Hydrogen Production by Application (2018-2029)

6.3.2 World Liquid Regenerative Hydrogen Production Value by Application (2018-2029)

6.3.3 World Liquid Regenerative Hydrogen Average Price by Application (2018-2029)

7 COMPANY PROFILES

7.1 Air Liquide International S.A.

7.1.1 Air Liquide International S.A. Details

7.1.2 Air Liquide International S.A. Major Business

7.1.3 Air Liquide International S.A. Liquid Regenerative Hydrogen Product and Services

7.1.4 Air Liquide International S.A. Liquid Regenerative Hydrogen Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.1.5 Air Liquide International S.A. Recent Developments/Updates

7.1.6 Air Liquide International S.A. Competitive Strengths & Weaknesses

7.2 FuelCell Energy Inc.

7.2.1 FuelCell Energy Inc. Details

7.2.2 FuelCell Energy Inc. Major Business

7.2.3 FuelCell Energy Inc. Liquid Regenerative Hydrogen Product and Services

7.2.4 FuelCell Energy Inc. Liquid Regenerative Hydrogen Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.2.5 FuelCell Energy Inc. Recent Developments/Updates

7.2.6 FuelCell Energy Inc. Competitive Strengths & Weaknesses

7.3 Bloom Energy Corp

7.3.1 Bloom Energy Corp Details

7.3.2 Bloom Energy Corp Major Business

- 7.3.3 Bloom Energy Corp Liquid Regenerative Hydrogen Product and Services
- 7.3.4 Bloom Energy Corp Liquid Regenerative Hydrogen Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.3.5 Bloom Energy Corp Recent Developments/Updates
- 7.3.6 Bloom Energy Corp Competitive Strengths & Weaknesses
- 7.4 Nikola Corporation
 - 7.4.1 Nikola Corporation Details
 - 7.4.2 Nikola Corporation Major Business
 - 7.4.3 Nikola Corporation Liquid Regenerative Hydrogen Product and Services
 - 7.4.4 Nikola Corporation Liquid Regenerative Hydrogen Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.4.5 Nikola Corporation Recent Developments/Updates
 - 7.4.6 Nikola Corporation Competitive Strengths & Weaknesses
- 7.5 Messer Group GmbH
 - 7.5.1 Messer Group GmbH Details
 - 7.5.2 Messer Group GmbH Major Business
 - 7.5.3 Messer Group GmbH Liquid Regenerative Hydrogen Product and Services
 - 7.5.4 Messer Group GmbH Liquid Regenerative Hydrogen Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.5.5 Messer Group GmbH Recent Developments/Updates
 - 7.5.6 Messer Group GmbH Competitive Strengths & Weaknesses
- 7.6 Reliance Industries Ltd.
 - 7.6.1 Reliance Industries Ltd. Details
 - 7.6.2 Reliance Industries Ltd. Major Business
 - 7.6.3 Reliance Industries Ltd. Liquid Regenerative Hydrogen Product and Services
 - 7.6.4 Reliance Industries Ltd. Liquid Regenerative Hydrogen Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.6.5 Reliance Industries Ltd. Recent Developments/Updates
 - 7.6.6 Reliance Industries Ltd. Competitive Strengths & Weaknesses
- 7.7 Parker Hannifin
 - 7.7.1 Parker Hannifin Details
 - 7.7.2 Parker Hannifin Major Business
 - 7.7.3 Parker Hannifin Liquid Regenerative Hydrogen Product and Services
 - 7.7.4 Parker Hannifin Liquid Regenerative Hydrogen Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.7.5 Parker Hannifin Recent Developments/Updates
 - 7.7.6 Parker Hannifin Competitive Strengths & Weaknesses
- 7.8 Hydrogenics
 - 7.8.1 Hydrogenics Details

- 7.8.2 Hydrogenics Major Business
- 7.8.3 Hydrogenics Liquid Regenerative Hydrogen Product and Services
- 7.8.4 Hydrogenics Liquid Regenerative Hydrogen Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.8.5 Hydrogenics Recent Developments/Updates
- 7.8.6 Hydrogenics Competitive Strengths & Weaknesses
- 7.9 McPhy
 - 7.9.1 McPhy Details
 - 7.9.2 McPhy Major Business
 - 7.9.3 McPhy Liquid Regenerative Hydrogen Product and Services
 - 7.9.4 McPhy Liquid Regenerative Hydrogen Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.9.5 McPhy Recent Developments/Updates
 - 7.9.6 McPhy Competitive Strengths & Weaknesses
- 7.10 Ballard Power Systems Inc.
 - 7.10.1 Ballard Power Systems Inc. Details
 - 7.10.2 Ballard Power Systems Inc. Major Business
 - 7.10.3 Ballard Power Systems Inc. Liquid Regenerative Hydrogen Product and Services
 - 7.10.4 Ballard Power Systems Inc. Liquid Regenerative Hydrogen Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.10.5 Ballard Power Systems Inc. Recent Developments/Updates
 - 7.10.6 Ballard Power Systems Inc. Competitive Strengths & Weaknesses
- 7.11 Plug Power
 - 7.11.1 Plug Power Details
 - 7.11.2 Plug Power Major Business
 - 7.11.3 Plug Power Liquid Regenerative Hydrogen Product and Services
 - 7.11.4 Plug Power Liquid Regenerative Hydrogen Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.11.5 Plug Power Recent Developments/Updates
 - 7.11.6 Plug Power Competitive Strengths & Weaknesses
- 7.12 Dow Inc
 - 7.12.1 Dow Inc Details
 - 7.12.2 Dow Inc Major Business
 - 7.12.3 Dow Inc Liquid Regenerative Hydrogen Product and Services
 - 7.12.4 Dow Inc Liquid Regenerative Hydrogen Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.12.5 Dow Inc Recent Developments/Updates
 - 7.12.6 Dow Inc Competitive Strengths & Weaknesses

7.13 Cummins Inc

7.13.1 Cummins Inc Details

7.13.2 Cummins Inc Major Business

7.13.3 Cummins Inc Liquid Regenerative Hydrogen Product and Services

7.13.4 Cummins Inc Liquid Regenerative Hydrogen Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.13.5 Cummins Inc Recent Developments/Updates

7.13.6 Cummins Inc Competitive Strengths & Weaknesses

7.14 Linde PLC

7.14.1 Linde PLC Details

7.14.2 Linde PLC Major Business

7.14.3 Linde PLC Liquid Regenerative Hydrogen Product and Services

7.14.4 Linde PLC Liquid Regenerative Hydrogen Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.14.5 Linde PLC Recent Developments/Updates

7.14.6 Linde PLC Competitive Strengths & Weaknesses

7.15 ENGIE

7.15.1 ENGIE Details

7.15.2 ENGIE Major Business

7.15.3 ENGIE Liquid Regenerative Hydrogen Product and Services

7.15.4 ENGIE Liquid Regenerative Hydrogen Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.15.5 ENGIE Recent Developments/Updates

7.15.6 ENGIE Competitive Strengths & Weaknesses

7.16 ArianeGroup

7.16.1 ArianeGroup Details

7.16.2 ArianeGroup Major Business

7.16.3 ArianeGroup Liquid Regenerative Hydrogen Product and Services

7.16.4 ArianeGroup Liquid Regenerative Hydrogen Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.16.5 ArianeGroup Recent Developments/Updates

7.16.6 ArianeGroup Competitive Strengths & Weaknesses

7.17 AFCryo

7.17.1 AFCryo Details

7.17.2 AFCryo Major Business

7.17.3 AFCryo Liquid Regenerative Hydrogen Product and Services

7.17.4 AFCryo Liquid Regenerative Hydrogen Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.17.5 AFCryo Recent Developments/Updates

- 7.17.6 AFCryo Competitive Strengths & Weaknesses
- 7.18 Fabrum Solutions
 - 7.18.1 Fabrum Solutions Details
 - 7.18.2 Fabrum Solutions Major Business
 - 7.18.3 Fabrum Solutions Liquid Regenerative Hydrogen Product and Services
 - 7.18.4 Fabrum Solutions Liquid Regenerative Hydrogen Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.18.5 Fabrum Solutions Recent Developments/Updates
 - 7.18.6 Fabrum Solutions Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

- 8.1 Liquid Regenerative Hydrogen Industry Chain
- 8.2 Liquid Regenerative Hydrogen Upstream Analysis
 - 8.2.1 Liquid Regenerative Hydrogen Core Raw Materials
 - 8.2.2 Main Manufacturers of Liquid Regenerative Hydrogen Core Raw Materials
- 8.3 Midstream Analysis
- 8.4 Downstream Analysis
- 8.5 Liquid Regenerative Hydrogen Production Mode
- 8.6 Liquid Regenerative Hydrogen Procurement Model
- 8.7 Liquid Regenerative Hydrogen Industry Sales Model and Sales Channels
 - 8.7.1 Liquid Regenerative Hydrogen Sales Model
 - 8.7.2 Liquid Regenerative Hydrogen Typical Customers

9 RESEARCH FINDINGS AND CONCLUSION

10 APPENDIX

- 10.1 Methodology
- 10.2 Research Process and Data Source
- 10.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World Liquid Regenerative Hydrogen Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World Liquid Regenerative Hydrogen Production Value by Region (2018-2023) & (USD Million)

Table 3. World Liquid Regenerative Hydrogen Production Value by Region (2024-2029) & (USD Million)

Table 4. World Liquid Regenerative Hydrogen Production Value Market Share by Region (2018-2023)

Table 5. World Liquid Regenerative Hydrogen Production Value Market Share by Region (2024-2029)

Table 6. World Liquid Regenerative Hydrogen Production by Region (2018-2023) & (Tons)

Table 7. World Liquid Regenerative Hydrogen Production by Region (2024-2029) & (Tons)

Table 8. World Liquid Regenerative Hydrogen Production Market Share by Region (2018-2023)

Table 9. World Liquid Regenerative Hydrogen Production Market Share by Region (2024-2029)

Table 10. World Liquid Regenerative Hydrogen Average Price by Region (2018-2023) & (US\$/Ton)

Table 11. World Liquid Regenerative Hydrogen Average Price by Region (2024-2029) & (US\$/Ton)

Table 12. Liquid Regenerative Hydrogen Major Market Trends

Table 13. World Liquid Regenerative Hydrogen Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (Tons)

Table 14. World Liquid Regenerative Hydrogen Consumption by Region (2018-2023) & (Tons)

Table 15. World Liquid Regenerative Hydrogen Consumption Forecast by Region (2024-2029) & (Tons)

Table 16. World Liquid Regenerative Hydrogen Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key Liquid Regenerative Hydrogen Producers in 2022

Table 18. World Liquid Regenerative Hydrogen Production by Manufacturer (2018-2023) & (Tons)

Table 19. Production Market Share of Key Liquid Regenerative Hydrogen Producers in 2022

Table 20. World Liquid Regenerative Hydrogen Average Price by Manufacturer (2018-2023) & (US\$/Ton)

Table 21. Global Liquid Regenerative Hydrogen Company Evaluation Quadrant

Table 22. World Liquid Regenerative Hydrogen Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and Liquid Regenerative Hydrogen Production Site of Key Manufacturer

Table 24. Liquid Regenerative Hydrogen Market: Company Product Type Footprint

Table 25. Liquid Regenerative Hydrogen Market: Company Product Application Footprint

Table 26. Liquid Regenerative Hydrogen Competitive Factors

Table 27. Liquid Regenerative Hydrogen New Entrant and Capacity Expansion Plans

Table 28. Liquid Regenerative Hydrogen Mergers & Acquisitions Activity

Table 29. United States VS China Liquid Regenerative Hydrogen Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China Liquid Regenerative Hydrogen Production Comparison, (2018 & 2022 & 2029) & (Tons)

Table 31. United States VS China Liquid Regenerative Hydrogen Consumption Comparison, (2018 & 2022 & 2029) & (Tons)

Table 32. United States Based Liquid Regenerative Hydrogen Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Liquid Regenerative Hydrogen Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers Liquid Regenerative Hydrogen Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers Liquid Regenerative Hydrogen Production (2018-2023) & (Tons)

Table 36. United States Based Manufacturers Liquid Regenerative Hydrogen Production Market Share (2018-2023)

Table 37. China Based Liquid Regenerative Hydrogen Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Liquid Regenerative Hydrogen Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers Liquid Regenerative Hydrogen Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers Liquid Regenerative Hydrogen Production (2018-2023) & (Tons)

Table 41. China Based Manufacturers Liquid Regenerative Hydrogen Production Market Share (2018-2023)

Table 42. Rest of World Based Liquid Regenerative Hydrogen Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Liquid Regenerative Hydrogen Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers Liquid Regenerative Hydrogen Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers Liquid Regenerative Hydrogen Production (2018-2023) & (Tons)

Table 46. Rest of World Based Manufacturers Liquid Regenerative Hydrogen Production Market Share (2018-2023)

Table 47. World Liquid Regenerative Hydrogen Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World Liquid Regenerative Hydrogen Production by Type (2018-2023) & (Tons)

Table 49. World Liquid Regenerative Hydrogen Production by Type (2024-2029) & (Tons)

Table 50. World Liquid Regenerative Hydrogen Production Value by Type (2018-2023) & (USD Million)

Table 51. World Liquid Regenerative Hydrogen Production Value by Type (2024-2029) & (USD Million)

Table 52. World Liquid Regenerative Hydrogen Average Price by Type (2018-2023) & (US\$/Ton)

Table 53. World Liquid Regenerative Hydrogen Average Price by Type (2024-2029) & (US\$/Ton)

Table 54. World Liquid Regenerative Hydrogen Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Liquid Regenerative Hydrogen Production by Application (2018-2023) & (Tons)

Table 56. World Liquid Regenerative Hydrogen Production by Application (2024-2029) & (Tons)

Table 57. World Liquid Regenerative Hydrogen Production Value by Application (2018-2023) & (USD Million)

Table 58. World Liquid Regenerative Hydrogen Production Value by Application (2024-2029) & (USD Million)

Table 59. World Liquid Regenerative Hydrogen Average Price by Application (2018-2023) & (US\$/Ton)

Table 60. World Liquid Regenerative Hydrogen Average Price by Application

(2024-2029) & (US\$/Ton)

Table 61. Air Liquide International S.A. Basic Information, Manufacturing Base and Competitors

Table 62. Air Liquide International S.A. Major Business

Table 63. Air Liquide International S.A. Liquid Regenerative Hydrogen Product and Services

Table 64. Air Liquide International S.A. Liquid Regenerative Hydrogen Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. Air Liquide International S.A. Recent Developments/Updates

Table 66. Air Liquide International S.A. Competitive Strengths & Weaknesses

Table 67. FuelCell Energy Inc. Basic Information, Manufacturing Base and Competitors

Table 68. FuelCell Energy Inc. Major Business

Table 69. FuelCell Energy Inc. Liquid Regenerative Hydrogen Product and Services

Table 70. FuelCell Energy Inc. Liquid Regenerative Hydrogen Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. FuelCell Energy Inc. Recent Developments/Updates

Table 72. FuelCell Energy Inc. Competitive Strengths & Weaknesses

Table 73. Bloom Energy Corp Basic Information, Manufacturing Base and Competitors

Table 74. Bloom Energy Corp Major Business

Table 75. Bloom Energy Corp Liquid Regenerative Hydrogen Product and Services

Table 76. Bloom Energy Corp Liquid Regenerative Hydrogen Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. Bloom Energy Corp Recent Developments/Updates

Table 78. Bloom Energy Corp Competitive Strengths & Weaknesses

Table 79. Nikola Corporation Basic Information, Manufacturing Base and Competitors

Table 80. Nikola Corporation Major Business

Table 81. Nikola Corporation Liquid Regenerative Hydrogen Product and Services

Table 82. Nikola Corporation Liquid Regenerative Hydrogen Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 83. Nikola Corporation Recent Developments/Updates

Table 84. Nikola Corporation Competitive Strengths & Weaknesses

Table 85. Messer Group GmbH Basic Information, Manufacturing Base and Competitors

Table 86. Messer Group GmbH Major Business

Table 87. Messer Group GmbH Liquid Regenerative Hydrogen Product and Services

Table 88. Messer Group GmbH Liquid Regenerative Hydrogen Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 89. Messer Group GmbH Recent Developments/Updates

Table 90. Messer Group GmbH Competitive Strengths & Weaknesses

Table 91. Reliance Industries Ltd. Basic Information, Manufacturing Base and Competitors

Table 92. Reliance Industries Ltd. Major Business

Table 93. Reliance Industries Ltd. Liquid Regenerative Hydrogen Product and Services

Table 94. Reliance Industries Ltd. Liquid Regenerative Hydrogen Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 95. Reliance Industries Ltd. Recent Developments/Updates

Table 96. Reliance Industries Ltd. Competitive Strengths & Weaknesses

Table 97. Parker Hannifin Basic Information, Manufacturing Base and Competitors

Table 98. Parker Hannifin Major Business

Table 99. Parker Hannifin Liquid Regenerative Hydrogen Product and Services

Table 100. Parker Hannifin Liquid Regenerative Hydrogen Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 101. Parker Hannifin Recent Developments/Updates

Table 102. Parker Hannifin Competitive Strengths & Weaknesses

Table 103. Hydrogenics Basic Information, Manufacturing Base and Competitors

Table 104. Hydrogenics Major Business

Table 105. Hydrogenics Liquid Regenerative Hydrogen Product and Services

Table 106. Hydrogenics Liquid Regenerative Hydrogen Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 107. Hydrogenics Recent Developments/Updates

Table 108. Hydrogenics Competitive Strengths & Weaknesses

Table 109. McPhy Basic Information, Manufacturing Base and Competitors

Table 110. McPhy Major Business

Table 111. McPhy Liquid Regenerative Hydrogen Product and Services

Table 112. McPhy Liquid Regenerative Hydrogen Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 113. McPhy Recent Developments/Updates

Table 114. McPhy Competitive Strengths & Weaknesses

Table 115. Ballard Power Systems Inc. Basic Information, Manufacturing Base and Competitors

Table 116. Ballard Power Systems Inc. Major Business

Table 117. Ballard Power Systems Inc. Liquid Regenerative Hydrogen Product and Services

Table 118. Ballard Power Systems Inc. Liquid Regenerative Hydrogen Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 119. Ballard Power Systems Inc. Recent Developments/Updates

Table 120. Ballard Power Systems Inc. Competitive Strengths & Weaknesses

Table 121. Plug Power Basic Information, Manufacturing Base and Competitors

Table 122. Plug Power Major Business

Table 123. Plug Power Liquid Regenerative Hydrogen Product and Services

Table 124. Plug Power Liquid Regenerative Hydrogen Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 125. Plug Power Recent Developments/Updates

Table 126. Plug Power Competitive Strengths & Weaknesses

Table 127. Dow Inc Basic Information, Manufacturing Base and Competitors

Table 128. Dow Inc Major Business

Table 129. Dow Inc Liquid Regenerative Hydrogen Product and Services

Table 130. Dow Inc Liquid Regenerative Hydrogen Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 131. Dow Inc Recent Developments/Updates

Table 132. Dow Inc Competitive Strengths & Weaknesses

Table 133. Cummins Inc Basic Information, Manufacturing Base and Competitors

Table 134. Cummins Inc Major Business

Table 135. Cummins Inc Liquid Regenerative Hydrogen Product and Services

Table 136. Cummins Inc Liquid Regenerative Hydrogen Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 137. Cummins Inc Recent Developments/Updates

Table 138. Cummins Inc Competitive Strengths & Weaknesses

Table 139. Linde PLC Basic Information, Manufacturing Base and Competitors

Table 140. Linde PLC Major Business

Table 141. Linde PLC Liquid Regenerative Hydrogen Product and Services

Table 142. Linde PLC Liquid Regenerative Hydrogen Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 143. Linde PLC Recent Developments/Updates

Table 144. Linde PLC Competitive Strengths & Weaknesses

- Table 145. ENGIE Basic Information, Manufacturing Base and Competitors
- Table 146. ENGIE Major Business
- Table 147. ENGIE Liquid Regenerative Hydrogen Product and Services
- Table 148. ENGIE Liquid Regenerative Hydrogen Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 149. ENGIE Recent Developments/Updates
- Table 150. ENGIE Competitive Strengths & Weaknesses
- Table 151. ArianeGroup Basic Information, Manufacturing Base and Competitors
- Table 152. ArianeGroup Major Business
- Table 153. ArianeGroup Liquid Regenerative Hydrogen Product and Services
- Table 154. ArianeGroup Liquid Regenerative Hydrogen Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 155. ArianeGroup Recent Developments/Updates
- Table 156. ArianeGroup Competitive Strengths & Weaknesses
- Table 157. AFCryo Basic Information, Manufacturing Base and Competitors
- Table 158. AFCryo Major Business
- Table 159. AFCryo Liquid Regenerative Hydrogen Product and Services
- Table 160. AFCryo Liquid Regenerative Hydrogen Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 161. AFCryo Recent Developments/Updates
- Table 162. Fabrum Solutions Basic Information, Manufacturing Base and Competitors
- Table 163. Fabrum Solutions Major Business
- Table 164. Fabrum Solutions Liquid Regenerative Hydrogen Product and Services
- Table 165. Fabrum Solutions Liquid Regenerative Hydrogen Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 166. Global Key Players of Liquid Regenerative Hydrogen Upstream (Raw Materials)
- Table 167. Liquid Regenerative Hydrogen Typical Customers
- Table 168. Liquid Regenerative Hydrogen Typical Distributors

LIST OF FIGURE

- Figure 1. Liquid Regenerative Hydrogen Picture
- Figure 2. World Liquid Regenerative Hydrogen Production Value: 2018 & 2022 & 2029, (USD Million)
- Figure 3. World Liquid Regenerative Hydrogen Production Value and Forecast (2018-2029) & (USD Million)

- Figure 4. World Liquid Regenerative Hydrogen Production (2018-2029) & (Tons)
- Figure 5. World Liquid Regenerative Hydrogen Average Price (2018-2029) & (US\$/Ton)
- Figure 6. World Liquid Regenerative Hydrogen Production Value Market Share by Region (2018-2029)
- Figure 7. World Liquid Regenerative Hydrogen Production Market Share by Region (2018-2029)
- Figure 8. North America Liquid Regenerative Hydrogen Production (2018-2029) & (Tons)
- Figure 9. Europe Liquid Regenerative Hydrogen Production (2018-2029) & (Tons)
- Figure 10. China Liquid Regenerative Hydrogen Production (2018-2029) & (Tons)
- Figure 11. Japan Liquid Regenerative Hydrogen Production (2018-2029) & (Tons)
- Figure 12. Liquid Regenerative Hydrogen Market Drivers
- Figure 13. Factors Affecting Demand
- Figure 14. World Liquid Regenerative Hydrogen Consumption (2018-2029) & (Tons)
- Figure 15. World Liquid Regenerative Hydrogen Consumption Market Share by Region (2018-2029)
- Figure 16. United States Liquid Regenerative Hydrogen Consumption (2018-2029) & (Tons)
- Figure 17. China Liquid Regenerative Hydrogen Consumption (2018-2029) & (Tons)
- Figure 18. Europe Liquid Regenerative Hydrogen Consumption (2018-2029) & (Tons)
- Figure 19. Japan Liquid Regenerative Hydrogen Consumption (2018-2029) & (Tons)
- Figure 20. South Korea Liquid Regenerative Hydrogen Consumption (2018-2029) & (Tons)
- Figure 21. ASEAN Liquid Regenerative Hydrogen Consumption (2018-2029) & (Tons)
- Figure 22. India Liquid Regenerative Hydrogen Consumption (2018-2029) & (Tons)
- Figure 23. Producer Shipments of Liquid Regenerative Hydrogen by Manufacturer Revenue (\$MM) and Market Share (%): 2022
- Figure 24. Global Four-firm Concentration Ratios (CR4) for Liquid Regenerative Hydrogen Markets in 2022
- Figure 25. Global Four-firm Concentration Ratios (CR8) for Liquid Regenerative Hydrogen Markets in 2022
- Figure 26. United States VS China: Liquid Regenerative Hydrogen Production Value Market Share Comparison (2018 & 2022 & 2029)
- Figure 27. United States VS China: Liquid Regenerative Hydrogen Production Market Share Comparison (2018 & 2022 & 2029)
- Figure 28. United States VS China: Liquid Regenerative Hydrogen Consumption Market Share Comparison (2018 & 2022 & 2029)
- Figure 29. United States Based Manufacturers Liquid Regenerative Hydrogen Production Market Share 2022

Figure 30. China Based Manufacturers Liquid Regenerative Hydrogen Production Market Share 2022

Figure 31. Rest of World Based Manufacturers Liquid Regenerative Hydrogen Production Market Share 2022

Figure 32. World Liquid Regenerative Hydrogen Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 33. World Liquid Regenerative Hydrogen Production Value Market Share by Type in 2022

Figure 34. Purity Above 99.9%

Figure 35. Purity Below 99.9%

Figure 36. World Liquid Regenerative Hydrogen Production Market Share by Type (2018-2029)

Figure 37. World Liquid Regenerative Hydrogen Production Value Market Share by Type (2018-2029)

Figure 38. World Liquid Regenerative Hydrogen Average Price by Type (2018-2029) & (US\$/Ton)

Figure 39. World Liquid Regenerative Hydrogen Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 40. World Liquid Regenerative Hydrogen Production Value Market Share by Application in 2022

Figure 41. Mechanical Engineering

Figure 42. Automotive

Figure 43. Aeronautics

Figure 44. Marine

Figure 45. Oil And Gas

Figure 46. Chemical Industrial

Figure 47. Medical

Figure 48. Electrical

Figure 49. World Liquid Regenerative Hydrogen Production Market Share by Application (2018-2029)

Figure 50. World Liquid Regenerative Hydrogen Production Value Market Share by Application (2018-2029)

Figure 51. World Liquid Regenerative Hydrogen Average Price by Application (2018-2029) & (US\$/Ton)

Figure 52. Liquid Regenerative Hydrogen Industry Chain

Figure 53. Liquid Regenerative Hydrogen Procurement Model

Figure 54. Liquid Regenerative Hydrogen Sales Model

Figure 55. Liquid Regenerative Hydrogen Sales Channels, Direct Sales, and Distribution

Figure 56. Methodology

Figure 57. Research Process and Data Source

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