

# Biogas Upgrading Market, Global Outlook and Forecast 2022-2028

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## Abstracts

Biogas upgrading equipment (biogas upgrader) is a facility that is used to concentrate the methane in biogas to natural gas standards. The system removes carbon dioxide, hydrogen sulphide, water and contaminants from the biogas.

The solution is the use of biogas upgrading or purification processes whereby contaminants in the raw biogas stream are absorbed or scrubbed, leaving more methane per unit volume of gas. There are four main methods of upgrading: water washing, pressure swing adsorption, selexol adsorption, and amine gas treating.

Revenue and corresponding costs from upgrader projects is recognized using the stage of completion method. Under the stage of completion method, contract revenues and expenses are recognized by reference to the stage of completion of contract activity where the outcome of the construction contract can be measured reliably, otherwise revenue is recognized only to the extent of recoverable contract costs incurred. A typical upgrader project has five to eight milestones and duration of nine to eighteen months, and therefore operating results can fluctuate significantly as a result of the timing of contract related work.

This report contains market size and forecasts of Biogas Upgrading in global, including the following market information:

Global Biogas Upgrading Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Biogas Upgrading Market Sales, 2017-2022, 2023-2028, (Units)

Global top five Biogas Upgrading companies in 2021 (%)

The global Biogas Upgrading market was valued at 282.3 million in 2021 and is projected to reach US\$ 1130.1 million by 2028, at a CAGR of 21.9% during the forecast period 2022-2028.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Membrane Separation Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Biogas Upgrading include Greenlane Renewables, Xebec, Malmberg Water, EnviTec Biogas, Carbotech Gas, DMT Environmental Technology, ETW Energietechnik, Pentair Haffmans and Bright Bio-methane, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Biogas Upgrading manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Biogas Upgrading Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (Units)

Global Biogas Upgrading Market Segment Percentages, by Type, 2021 (%)

Membrane Separation

Water Scrubber

Chemical Scrubber

PSA

Others

Global Biogas Upgrading Market, by Application, 2017-2022, 2023-2028 (\$ Millions) &

(Units)

Global Biogas Upgrading Market Segment Percentages, by Application, 2021 (%)

Agricultural

Municipal

Industrial

Global Biogas Upgrading Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (Units)

Global Biogas Upgrading Market Segment Percentages, By Region and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

## Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Biogas Upgrading revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies Biogas Upgrading revenues share in global market, 2021 (%)

Key companies Biogas Upgrading sales in global market, 2017-2022 (Estimated), (Units)

Key companies Biogas Upgrading sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Greenlane Renewables

Xebec

Malmberg Water

EnviTec Biogas

Carbotech Gas

DMT Environmental Technology

ETW Energietechnik

Pentair Haffmans

Bright Bio-methane

Air Liquide

Hitachi Zosen Inova

Sysadvance

Greenmac

Mahler AGS

NeoZeo AB

## Contents

### **1 INTRODUCTION TO RESEARCH & ANALYSIS REPORTS**

- 1.1 Biogas Upgrading Market Definition
- 1.2 Market Segments
  - 1.2.1 Market by Type
  - 1.2.2 Market by Application
- 1.3 Global Biogas Upgrading Market Overview
- 1.4 Features & Benefits of This Report
- 1.5 Methodology & Sources of Information
  - 1.5.1 Research Methodology
  - 1.5.2 Research Process
  - 1.5.3 Base Year
  - 1.5.4 Report Assumptions & Caveats

### **2 GLOBAL BIOGAS UPGRADING OVERALL MARKET SIZE**

- 2.1 Global Biogas Upgrading Market Size: 2021 VS 2028
- 2.2 Global Biogas Upgrading Revenue, Prospects & Forecasts: 2017-2028
- 2.3 Global Biogas Upgrading Sales: 2017-2028

### **3 COMPANY LANDSCAPE**

- 3.1 Top Biogas Upgrading Players in Global Market
- 3.2 Top Global Biogas Upgrading Companies Ranked by Revenue
- 3.3 Global Biogas Upgrading Revenue by Companies
- 3.4 Global Biogas Upgrading Sales by Companies
- 3.5 Global Biogas Upgrading Price by Manufacturer (2017-2022)
- 3.6 Top 3 and Top 5 Biogas Upgrading Companies in Global Market, by Revenue in 2021
- 3.7 Global Manufacturers Biogas Upgrading Product Type
- 3.8 Tier 1, Tier 2 and Tier 3 Biogas Upgrading Players in Global Market
  - 3.8.1 List of Global Tier 1 Biogas Upgrading Companies
  - 3.8.2 List of Global Tier 2 and Tier 3 Biogas Upgrading Companies

### **4 SIGHTS BY PRODUCT**

- 4.1 Overview

- 4.1.1 By Type - Global Biogas Upgrading Market Size Markets, 2021 & 2028
- 4.1.2 Membrane Separation
- 4.1.3 Water Scrubber
- 4.1.4 Chemical Scrubber
- 4.1.5 PSA
- 4.1.6 Others
- 4.2 By Type - Global Biogas Upgrading Revenue & Forecasts
  - 4.2.1 By Type - Global Biogas Upgrading Revenue, 2017-2022
  - 4.2.2 By Type - Global Biogas Upgrading Revenue, 2023-2028
  - 4.2.3 By Type - Global Biogas Upgrading Revenue Market Share, 2017-2028
- 4.3 By Type - Global Biogas Upgrading Sales & Forecasts
  - 4.3.1 By Type - Global Biogas Upgrading Sales, 2017-2022
  - 4.3.2 By Type - Global Biogas Upgrading Sales, 2023-2028
  - 4.3.3 By Type - Global Biogas Upgrading Sales Market Share, 2017-2028
- 4.4 By Type - Global Biogas Upgrading Price (Manufacturers Selling Prices), 2017-2028

## **5 SIGHTS BY APPLICATION**

- 5.1 Overview
  - 5.1.1 By Application - Global Biogas Upgrading Market Size, 2021 & 2028
  - 5.1.2 Agricultural
  - 5.1.3 Municipal
  - 5.1.4 Industrial
- 5.2 By Application - Global Biogas Upgrading Revenue & Forecasts
  - 5.2.1 By Application - Global Biogas Upgrading Revenue, 2017-2022
  - 5.2.2 By Application - Global Biogas Upgrading Revenue, 2023-2028
  - 5.2.3 By Application - Global Biogas Upgrading Revenue Market Share, 2017-2028
- 5.3 By Application - Global Biogas Upgrading Sales & Forecasts
  - 5.3.1 By Application - Global Biogas Upgrading Sales, 2017-2022
  - 5.3.2 By Application - Global Biogas Upgrading Sales, 2023-2028
  - 5.3.3 By Application - Global Biogas Upgrading Sales Market Share, 2017-2028
- 5.4 By Application - Global Biogas Upgrading Price (Manufacturers Selling Prices), 2017-2028

## **6 SIGHTS BY REGION**

- 6.1 By Region - Global Biogas Upgrading Market Size, 2021 & 2028
- 6.2 By Region - Global Biogas Upgrading Revenue & Forecasts
  - 6.2.1 By Region - Global Biogas Upgrading Revenue, 2017-2022



- 6.2.2 By Region - Global Biogas Upgrading Revenue, 2023-2028
- 6.2.3 By Region - Global Biogas Upgrading Revenue Market Share, 2017-2028
- 6.3 By Region - Global Biogas Upgrading Sales & Forecasts
  - 6.3.1 By Region - Global Biogas Upgrading Sales, 2017-2022
  - 6.3.2 By Region - Global Biogas Upgrading Sales, 2023-2028
  - 6.3.3 By Region - Global Biogas Upgrading Sales Market Share, 2017-2028
- 6.4 North America
  - 6.4.1 By Country - North America Biogas Upgrading Revenue, 2017-2028
  - 6.4.2 By Country - North America Biogas Upgrading Sales, 2017-2028
  - 6.4.3 US Biogas Upgrading Market Size, 2017-2028
  - 6.4.4 Canada Biogas Upgrading Market Size, 2017-2028
  - 6.4.5 Mexico Biogas Upgrading Market Size, 2017-2028
- 6.5 Europe
  - 6.5.1 By Country - Europe Biogas Upgrading Revenue, 2017-2028
  - 6.5.2 By Country - Europe Biogas Upgrading Sales, 2017-2028
  - 6.5.3 Germany Biogas Upgrading Market Size, 2017-2028
  - 6.5.4 France Biogas Upgrading Market Size, 2017-2028
  - 6.5.5 U.K. Biogas Upgrading Market Size, 2017-2028
  - 6.5.6 Italy Biogas Upgrading Market Size, 2017-2028
  - 6.5.7 Russia Biogas Upgrading Market Size, 2017-2028
  - 6.5.8 Nordic Countries Biogas Upgrading Market Size, 2017-2028
  - 6.5.9 Benelux Biogas Upgrading Market Size, 2017-2028
- 6.6 Asia
  - 6.6.1 By Region - Asia Biogas Upgrading Revenue, 2017-2028
  - 6.6.2 By Region - Asia Biogas Upgrading Sales, 2017-2028
  - 6.6.3 China Biogas Upgrading Market Size, 2017-2028
  - 6.6.4 Japan Biogas Upgrading Market Size, 2017-2028
  - 6.6.5 South Korea Biogas Upgrading Market Size, 2017-2028
  - 6.6.6 Southeast Asia Biogas Upgrading Market Size, 2017-2028
  - 6.6.7 India Biogas Upgrading Market Size, 2017-2028
- 6.7 South America
  - 6.7.1 By Country - South America Biogas Upgrading Revenue, 2017-2028
  - 6.7.2 By Country - South America Biogas Upgrading Sales, 2017-2028
  - 6.7.3 Brazil Biogas Upgrading Market Size, 2017-2028
  - 6.7.4 Argentina Biogas Upgrading Market Size, 2017-2028
- 6.8 Middle East & Africa
  - 6.8.1 By Country - Middle East & Africa Biogas Upgrading Revenue, 2017-2028
  - 6.8.2 By Country - Middle East & Africa Biogas Upgrading Sales, 2017-2028
  - 6.8.3 Turkey Biogas Upgrading Market Size, 2017-2028

- 6.8.4 Israel Biogas Upgrading Market Size, 2017-2028
- 6.8.5 Saudi Arabia Biogas Upgrading Market Size, 2017-2028
- 6.8.6 UAE Biogas Upgrading Market Size, 2017-2028

## **7 MANUFACTURERS & BRANDS PROFILES**

### 7.1 Greenlane Renewables

- 7.1.1 Greenlane Renewables Corporate Summary
- 7.1.2 Greenlane Renewables Business Overview
- 7.1.3 Greenlane Renewables Biogas Upgrading Major Product Offerings
- 7.1.4 Greenlane Renewables Biogas Upgrading Sales and Revenue in Global (2017-2022)
- 7.1.5 Greenlane Renewables Key News

### 7.2 Xebec

- 7.2.1 Xebec Corporate Summary
- 7.2.2 Xebec Business Overview
- 7.2.3 Xebec Biogas Upgrading Major Product Offerings
- 7.2.4 Xebec Biogas Upgrading Sales and Revenue in Global (2017-2022)
- 7.2.5 Xebec Key News

### 7.3 Malmberg Water

- 7.3.1 Malmberg Water Corporate Summary
- 7.3.2 Malmberg Water Business Overview
- 7.3.3 Malmberg Water Biogas Upgrading Major Product Offerings
- 7.3.4 Malmberg Water Biogas Upgrading Sales and Revenue in Global (2017-2022)
- 7.3.5 Malmberg Water Key News

### 7.4 EnviTec Biogas

- 7.4.1 EnviTec Biogas Corporate Summary
- 7.4.2 EnviTec Biogas Business Overview
- 7.4.3 EnviTec Biogas Biogas Upgrading Major Product Offerings
- 7.4.4 EnviTec Biogas Biogas Upgrading Sales and Revenue in Global (2017-2022)
- 7.4.5 EnviTec Biogas Key News

### 7.5 Carbotech Gas

- 7.5.1 Carbotech Gas Corporate Summary
- 7.5.2 Carbotech Gas Business Overview
- 7.5.3 Carbotech Gas Biogas Upgrading Major Product Offerings
- 7.5.4 Carbotech Gas Biogas Upgrading Sales and Revenue in Global (2017-2022)
- 7.5.5 Carbotech Gas Key News

### 7.6 DMT Environmental Technology

- 7.6.1 DMT Environmental Technology Corporate Summary

- 7.6.2 DMT Environmental Technology Business Overview
- 7.6.3 DMT Environmental Technology Biogas Upgrading Major Product Offerings
- 7.6.4 DMT Environmental Technology Biogas Upgrading Sales and Revenue in Global (2017-2022)
- 7.6.5 DMT Environmental Technology Key News
- 7.7 ETW Energietechnik
  - 7.7.1 ETW Energietechnik Corporate Summary
  - 7.7.2 ETW Energietechnik Business Overview
  - 7.7.3 ETW Energietechnik Biogas Upgrading Major Product Offerings
  - 7.7.4 ETW Energietechnik Biogas Upgrading Sales and Revenue in Global (2017-2022)
  - 7.7.5 ETW Energietechnik Key News
- 7.8 Pentair Haffmans
  - 7.8.1 Pentair Haffmans Corporate Summary
  - 7.8.2 Pentair Haffmans Business Overview
  - 7.8.3 Pentair Haffmans Biogas Upgrading Major Product Offerings
  - 7.8.4 Pentair Haffmans Biogas Upgrading Sales and Revenue in Global (2017-2022)
  - 7.8.5 Pentair Haffmans Key News
- 7.9 Bright Bio-methane
  - 7.9.1 Bright Bio-methane Corporate Summary
  - 7.9.2 Bright Bio-methane Business Overview
  - 7.9.3 Bright Bio-methane Biogas Upgrading Major Product Offerings
  - 7.9.4 Bright Bio-methane Biogas Upgrading Sales and Revenue in Global (2017-2022)
  - 7.9.5 Bright Bio-methane Key News
- 7.10 Air Liquide
  - 7.10.1 Air Liquide Corporate Summary
  - 7.10.2 Air Liquide Business Overview
  - 7.10.3 Air Liquide Biogas Upgrading Major Product Offerings
  - 7.10.4 Air Liquide Biogas Upgrading Sales and Revenue in Global (2017-2022)
  - 7.10.5 Air Liquide Key News
- 7.11 Hitachi Zosen Inova
  - 7.11.1 Hitachi Zosen Inova Corporate Summary
  - 7.11.2 Hitachi Zosen Inova Biogas Upgrading Business Overview
  - 7.11.3 Hitachi Zosen Inova Biogas Upgrading Major Product Offerings
  - 7.11.4 Hitachi Zosen Inova Biogas Upgrading Sales and Revenue in Global (2017-2022)
  - 7.11.5 Hitachi Zosen Inova Key News
- 7.12 Sysadvance
  - 7.12.1 Sysadvance Corporate Summary

- 7.12.2 Sysadvance Biogas Upgrading Business Overview
- 7.12.3 Sysadvance Biogas Upgrading Major Product Offerings
- 7.12.4 Sysadvance Biogas Upgrading Sales and Revenue in Global (2017-2022)
- 7.12.5 Sysadvance Key News
- 7.13 Greenmac
  - 7.13.1 Greenmac Corporate Summary
  - 7.13.2 Greenmac Biogas Upgrading Business Overview
  - 7.13.3 Greenmac Biogas Upgrading Major Product Offerings
  - 7.13.4 Greenmac Biogas Upgrading Sales and Revenue in Global (2017-2022)
  - 7.13.5 Greenmac Key News
- 7.14 Mahler AGS
  - 7.14.1 Mahler AGS Corporate Summary
  - 7.14.2 Mahler AGS Business Overview
  - 7.14.3 Mahler AGS Biogas Upgrading Major Product Offerings
  - 7.14.4 Mahler AGS Biogas Upgrading Sales and Revenue in Global (2017-2022)
  - 7.14.5 Mahler AGS Key News
- 7.15 NeoZeo AB
  - 7.15.1 NeoZeo AB Corporate Summary
  - 7.15.2 NeoZeo AB Business Overview
  - 7.15.3 NeoZeo AB Biogas Upgrading Major Product Offerings
  - 7.15.4 NeoZeo AB Biogas Upgrading Sales and Revenue in Global (2017-2022)
  - 7.15.5 NeoZeo AB Key News

## **8 GLOBAL BIOGAS UPGRADING PRODUCTION CAPACITY, ANALYSIS**

- 8.1 Global Biogas Upgrading Production Capacity, 2017-2028
- 8.2 Biogas Upgrading Production Capacity of Key Manufacturers in Global Market
- 8.3 Global Biogas Upgrading Production by Region

## **9 KEY MARKET TRENDS, OPPORTUNITY, DRIVERS AND RESTRAINTS**

- 9.1 Market Opportunities & Trends
- 9.2 Market Drivers
- 9.3 Market Restraints

## **10 BIOGAS UPGRADING SUPPLY CHAIN ANALYSIS**

- 10.1 Biogas Upgrading Industry Value Chain
- 10.2 Biogas Upgrading Upstream Market

10.3 Biogas Upgrading Downstream and Clients

10.4 Marketing Channels Analysis

10.4.1 Marketing Channels

10.4.2 Biogas Upgrading Distributors and Sales Agents in Global

## **11 CONCLUSION**

## **12 APPENDIX**

12.1 Note

12.2 Examples of Clients

12.3 Disclaimer

## List Of Tables

### LIST OF TABLES

- Table 1. Key Players of Biogas Upgrading in Global Market
- Table 2. Top Biogas Upgrading Players in Global Market, Ranking by Revenue (2021)
- Table 3. Global Biogas Upgrading Revenue by Companies, (US\$, Mn), 2017-2022
- Table 4. Global Biogas Upgrading Revenue Share by Companies, 2017-2022
- Table 5. Global Biogas Upgrading Sales by Companies, (Units), 2017-2022
- Table 6. Global Biogas Upgrading Sales Share by Companies, 2017-2022
- Table 7. Key Manufacturers Biogas Upgrading Price (2017-2022) & (US\$/Unit)
- Table 8. Global Manufacturers Biogas Upgrading Product Type
- Table 9. List of Global Tier 1 Biogas Upgrading Companies, Revenue (US\$, Mn) in 2021 and Market Share
- Table 10. List of Global Tier 2 and Tier 3 Biogas Upgrading Companies, Revenue (US\$, Mn) in 2021 and Market Share
- Table 11. By Type – Global Biogas Upgrading Revenue, (US\$, Mn), 2021 & 2028
- Table 12. By Type - Global Biogas Upgrading Revenue (US\$, Mn), 2017-2022
- Table 13. By Type - Global Biogas Upgrading Revenue (US\$, Mn), 2023-2028
- Table 14. By Type - Global Biogas Upgrading Sales (Units), 2017-2022
- Table 15. By Type - Global Biogas Upgrading Sales (Units), 2023-2028
- Table 16. By Application – Global Biogas Upgrading Revenue, (US\$, Mn), 2021 & 2028
- Table 17. By Application - Global Biogas Upgrading Revenue (US\$, Mn), 2017-2022
- Table 18. By Application - Global Biogas Upgrading Revenue (US\$, Mn), 2023-2028
- Table 19. By Application - Global Biogas Upgrading Sales (Units), 2017-2022
- Table 20. By Application - Global Biogas Upgrading Sales (Units), 2023-2028
- Table 21. By Region – Global Biogas Upgrading Revenue, (US\$, Mn), 2021 VS 2028
- Table 22. By Region - Global Biogas Upgrading Revenue (US\$, Mn), 2017-2022
- Table 23. By Region - Global Biogas Upgrading Revenue (US\$, Mn), 2023-2028
- Table 24. By Region - Global Biogas Upgrading Sales (Units), 2017-2022
- Table 25. By Region - Global Biogas Upgrading Sales (Units), 2023-2028
- Table 26. By Country - North America Biogas Upgrading Revenue, (US\$, Mn), 2017-2022
- Table 27. By Country - North America Biogas Upgrading Revenue, (US\$, Mn), 2023-2028
- Table 28. By Country - North America Biogas Upgrading Sales, (Units), 2017-2022
- Table 29. By Country - North America Biogas Upgrading Sales, (Units), 2023-2028
- Table 30. By Country - Europe Biogas Upgrading Revenue, (US\$, Mn), 2017-2022
- Table 31. By Country - Europe Biogas Upgrading Revenue, (US\$, Mn), 2023-2028



- Table 32. By Country - Europe Biogas Upgrading Sales, (Units), 2017-2022
- Table 33. By Country - Europe Biogas Upgrading Sales, (Units), 2023-2028
- Table 34. By Region - Asia Biogas Upgrading Revenue, (US\$, Mn), 2017-2022
- Table 35. By Region - Asia Biogas Upgrading Revenue, (US\$, Mn), 2023-2028
- Table 36. By Region - Asia Biogas Upgrading Sales, (Units), 2017-2022
- Table 37. By Region - Asia Biogas Upgrading Sales, (Units), 2023-2028
- Table 38. By Country - South America Biogas Upgrading Revenue, (US\$, Mn), 2017-2022
- Table 39. By Country - South America Biogas Upgrading Revenue, (US\$, Mn), 2023-2028
- Table 40. By Country - South America Biogas Upgrading Sales, (Units), 2017-2022
- Table 41. By Country - South America Biogas Upgrading Sales, (Units), 2023-2028
- Table 42. By Country - Middle East & Africa Biogas Upgrading Revenue, (US\$, Mn), 2017-2022
- Table 43. By Country - Middle East & Africa Biogas Upgrading Revenue, (US\$, Mn), 2023-2028
- Table 44. By Country - Middle East & Africa Biogas Upgrading Sales, (Units), 2017-2022
- Table 45. By Country - Middle East & Africa Biogas Upgrading Sales, (Units), 2023-2028
- Table 46. Greenlane Renewables Corporate Summary
- Table 47. Greenlane Renewables Biogas Upgrading Product Offerings
- Table 48. Greenlane Renewables Biogas Upgrading Sales (Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)
- Table 49. Xebec Corporate Summary
- Table 50. Xebec Biogas Upgrading Product Offerings
- Table 51. Xebec Biogas Upgrading Sales (Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)
- Table 52. Malmberg Water Corporate Summary
- Table 53. Malmberg Water Biogas Upgrading Product Offerings
- Table 54. Malmberg Water Biogas Upgrading Sales (Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)
- Table 55. EnviTec Biogas Corporate Summary
- Table 56. EnviTec Biogas Biogas Upgrading Product Offerings
- Table 57. EnviTec Biogas Biogas Upgrading Sales (Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)
- Table 58. Carbotech Gas Corporate Summary
- Table 59. Carbotech Gas Biogas Upgrading Product Offerings
- Table 60. Carbotech Gas Biogas Upgrading Sales (Units), Revenue (US\$, Mn) and

Average Price (US\$/Unit) (2017-2022)

Table 61. DMT Environmental Technology Corporate Summary

Table 62. DMT Environmental Technology Biogas Upgrading Product Offerings

Table 63. DMT Environmental Technology Biogas Upgrading Sales (Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 64. ETW Energietechnik Corporate Summary

Table 65. ETW Energietechnik Biogas Upgrading Product Offerings

Table 66. ETW Energietechnik Biogas Upgrading Sales (Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 67. Pentair Haffmans Corporate Summary

Table 68. Pentair Haffmans Biogas Upgrading Product Offerings

Table 69. Pentair Haffmans Biogas Upgrading Sales (Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 70. Bright Bio-methane Corporate Summary

Table 71. Bright Bio-methane Biogas Upgrading Product Offerings

Table 72. Bright Bio-methane Biogas Upgrading Sales (Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 73. Air Liquide Corporate Summary

Table 74. Air Liquide Biogas Upgrading Product Offerings

Table 75. Air Liquide Biogas Upgrading Sales (Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 76. Hitachi Zosen Inova Corporate Summary

Table 77. Hitachi Zosen Inova Biogas Upgrading Product Offerings

Table 78. Hitachi Zosen Inova Biogas Upgrading Sales (Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 79. Sysadvance Corporate Summary

Table 80. Sysadvance Biogas Upgrading Product Offerings

Table 81. Sysadvance Biogas Upgrading Sales (Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 82. Greenmac Corporate Summary

Table 83. Greenmac Biogas Upgrading Product Offerings

Table 84. Greenmac Biogas Upgrading Sales (Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 85. Mahler AGS Corporate Summary

Table 86. Mahler AGS Biogas Upgrading Product Offerings

Table 87. Mahler AGS Biogas Upgrading Sales (Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 88. NeoZeo AB Corporate Summary

Table 89. NeoZeo AB Biogas Upgrading Product Offerings



Table 90. NeoZeo AB Biogas Upgrading Sales (Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 91. Biogas Upgrading Production Capacity (Units) of Key Manufacturers in Global Market, 2020-2022 (Units)

Table 92. Global Biogas Upgrading Capacity Market Share of Key Manufacturers, 2020-2022

Table 93. Global Biogas Upgrading Production by Region, 2017-2022 (Units)

Table 94. Global Biogas Upgrading Production by Region, 2023-2028 (Units)

Table 95. Biogas Upgrading Market Opportunities & Trends in Global Market

Table 96. Biogas Upgrading Market Drivers in Global Market

Table 97. Biogas Upgrading Market Restraints in Global Market

Table 98. Biogas Upgrading Raw Materials

Table 99. Biogas Upgrading Raw Materials Suppliers in Global Market

Table 100. Typical Biogas Upgrading Downstream

Table 101. Biogas Upgrading Downstream Clients in Global Market

Table 102. Biogas Upgrading Distributors and Sales Agents in Global Market

## List Of Figures

### LIST OF FIGURES

- Figure 1. Biogas Upgrading Segment by Type
- Figure 2. Biogas Upgrading Segment by Application
- Figure 3. Global Biogas Upgrading Market Overview: 2021
- Figure 4. Key Caveats
- Figure 5. Global Biogas Upgrading Market Size: 2021 VS 2028 (US\$, Mn)
- Figure 6. Global Biogas Upgrading Revenue, 2017-2028 (US\$, Mn)
- Figure 7. Biogas Upgrading Sales in Global Market: 2017-2028 (Units)
- Figure 8. The Top 3 and 5 Players Market Share by Biogas Upgrading Revenue in 2021
- Figure 9. By Type - Global Biogas Upgrading Sales Market Share, 2017-2028
- Figure 10. By Type - Global Biogas Upgrading Revenue Market Share, 2017-2028
- Figure 11. By Type - Global Biogas Upgrading Price (US\$/Unit), 2017-2028
- Figure 12. By Application - Global Biogas Upgrading Sales Market Share, 2017-2028
- Figure 13. By Application - Global Biogas Upgrading Revenue Market Share, 2017-2028
- Figure 14. By Application - Global Biogas Upgrading Price (US\$/Unit), 2017-2028
- Figure 15. By Region - Global Biogas Upgrading Sales Market Share, 2017-2028
- Figure 16. By Region - Global Biogas Upgrading Revenue Market Share, 2017-2028
- Figure 17. By Country - North America Biogas Upgrading Revenue Market Share, 2017-2028
- Figure 18. By Country - North America Biogas Upgrading Sales Market Share, 2017-2028
- Figure 19. US Biogas Upgrading Revenue, (US\$, Mn), 2017-2028
- Figure 20. Canada Biogas Upgrading Revenue, (US\$, Mn), 2017-2028
- Figure 21. Mexico Biogas Upgrading Revenue, (US\$, Mn), 2017-2028
- Figure 22. By Country - Europe Biogas Upgrading Revenue Market Share, 2017-2028
- Figure 23. By Country - Europe Biogas Upgrading Sales Market Share, 2017-2028
- Figure 24. Germany Biogas Upgrading Revenue, (US\$, Mn), 2017-2028
- Figure 25. France Biogas Upgrading Revenue, (US\$, Mn), 2017-2028
- Figure 26. U.K. Biogas Upgrading Revenue, (US\$, Mn), 2017-2028
- Figure 27. Italy Biogas Upgrading Revenue, (US\$, Mn), 2017-2028
- Figure 28. Russia Biogas Upgrading Revenue, (US\$, Mn), 2017-2028
- Figure 29. Nordic Countries Biogas Upgrading Revenue, (US\$, Mn), 2017-2028
- Figure 30. Benelux Biogas Upgrading Revenue, (US\$, Mn), 2017-2028
- Figure 31. By Region - Asia Biogas Upgrading Revenue Market Share, 2017-2028
- Figure 32. By Region - Asia Biogas Upgrading Sales Market Share, 2017-2028

Figure 33. China Biogas Upgrading Revenue, (US\$, Mn), 2017-2028

Figure 34. Japan Biogas Upgrading Revenue, (US\$, Mn), 2017-2028

Figure 35. South Korea Biogas Upgrading Revenue, (US\$, Mn), 2017-2028

Figure 36. Southeast Asia Biogas Upgrading Revenue, (US\$, Mn), 2017-2028

Figure 37. India Biogas Upgrading Revenue, (US\$, Mn), 2017-2028

Figure 38. By Country - South America Biogas Upgrading Revenue Market Share, 2017-2028

Figure 39. By Country - South America Biogas Upgrading Sales Market Share, 2017-2028

Figure 40. Brazil Biogas Upgrading Revenue, (US\$, Mn), 2017-2028

Figure 41. Argentina Biogas Upgrading Revenue, (US\$, Mn), 2017-2028

Figure 42. By Country - Middle East & Africa Biogas Upgrading Revenue Market Share, 2017-2028

Figure 43. By Country - Middle East & Africa Biogas Upgrading Sales Market Share, 2017-2028

Figure 44. Turkey Biogas Upgrading Revenue, (US\$, Mn), 2017-2028

Figure 45. Israel Biogas Upgrading Revenue, (US\$, Mn), 2017-2028

Figure 46. Saudi Arabia Biogas Upgrading Revenue, (US\$, Mn), 2017-2028

Figure 47. UAE Biogas Upgrading Revenue, (US\$, Mn), 2017-2028

Figure 48. Global Biogas Upgrading Production Capacity (Units), 2017-2028

Figure 49. The Percentage of Production Biogas Upgrading by Region, 2021 VS 2028

Figure 50. Biogas Upgrading Industry Value Chain

Figure 51. Marketing Channels

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