

Global BioDME Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/G6820365181CEN.html>

Date: December 2023

Pages: 87

Price: US\$ 4,480.00 (Single User License)

ID: G6820365181CEN

Abstracts

The global BioDME market size is expected to reach \$ 603.7 million by 2029, rising at a market growth of 4.8% CAGR during the forecast period (2023-2029).

The production of bio-DME (dimethylether) is very similar to that of biomethanol. Bio-DME can be produced directly from synthesis gas, which is still under development. However, in the chemical industry, DME is produced from pure methanol by means of a process called catalytic dehydration, which chemically separates the water from the methanol. This methanol can be produced from coal, natural gas, or biomass. Often the production of methanol and DME is combined in one process. Research on the application of DME as an automotive fuel has only started recently. In the past, DME derived from fossil fuels, was mainly used as a substitute propellant for chlorofluorocarbons (CFCs) in spray cans. Bio-DME is a suitable diesel engine fuel due to its low-self-ignition temperature and high cetane number. However, DME cannot be blended with fossil diesel and its volumetric energy content is much lower, approximately half that of diesel. Retrofitting diesel engines for the use of DME is relatively simple.

This report studies the global BioDME production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for BioDME, 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 BioDME that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global BioDME total production and demand, 2018-2029, (Tons)

Global BioDME total production value, 2018-2029, (USD Million)

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

Global BioDME consumption by region & country, CAGR, 2018-2029 & (Tons)

U.S. VS China: BioDME domestic production, consumption, key domestic manufacturers and share

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

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

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

This reports profiles key players in the global BioDME 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 Chemrec, ETIP Bioenergy, Enerkem and Cathay Biotech, 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 BioDME 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 BioDME Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global BioDME Market, Segmentation by Type

Wood

Agricultural Waste

Others

Global BioDME Market, Segmentation by Application

Transport

Industrial

Others

Companies Profiled:

Chemrec

ETIP Bioenergy

Enerkem

Cathay Biotech

Key Questions Answered

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

Contents

1 SUPPLY SUMMARY

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

2 DEMAND SUMMARY

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

3 WORLD BIODME MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World BioDME Production Value by Manufacturer (2018-2023)

- 3.2 World BioDME Production by Manufacturer (2018-2023)
- 3.3 World BioDME Average Price by Manufacturer (2018-2023)
- 3.4 BioDME Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global BioDME Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for BioDME in 2022
 - 3.5.3 Global Concentration Ratios (CR8) for BioDME in 2022
- 3.6 BioDME Market: Overall Company Footprint Analysis
 - 3.6.1 BioDME Market: Region Footprint
 - 3.6.2 BioDME Market: Company Product Type Footprint
 - 3.6.3 BioDME 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: BioDME Production Value Comparison
 - 4.1.1 United States VS China: BioDME Production Value Comparison (2018 & 2022 & 2029)
 - 4.1.2 United States VS China: BioDME Production Value Market Share Comparison (2018 & 2022 & 2029)
- 4.2 United States VS China: BioDME Production Comparison
 - 4.2.1 United States VS China: BioDME Production Comparison (2018 & 2022 & 2029)
 - 4.2.2 United States VS China: BioDME Production Market Share Comparison (2018 & 2022 & 2029)
- 4.3 United States VS China: BioDME Consumption Comparison
 - 4.3.1 United States VS China: BioDME Consumption Comparison (2018 & 2022 & 2029)
 - 4.3.2 United States VS China: BioDME Consumption Market Share Comparison (2018 & 2022 & 2029)
- 4.4 United States Based BioDME Manufacturers and Market Share, 2018-2023
 - 4.4.1 United States Based BioDME Manufacturers, Headquarters and Production Site (States, Country)
 - 4.4.2 United States Based Manufacturers BioDME Production Value (2018-2023)
 - 4.4.3 United States Based Manufacturers BioDME Production (2018-2023)

4.5 China Based BioDME Manufacturers and Market Share

4.5.1 China Based BioDME Manufacturers, Headquarters and Production Site
(Province, Country)

4.5.2 China Based Manufacturers BioDME Production Value (2018-2023)

4.5.3 China Based Manufacturers BioDME Production (2018-2023)

4.6 Rest of World Based BioDME Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based BioDME Manufacturers, Headquarters and Production Site
(State, Country)

4.6.2 Rest of World Based Manufacturers BioDME Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers BioDME Production (2018-2023)

5 MARKET ANALYSIS BY TYPE

5.1 World BioDME Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 Wood

5.2.2 Agricultural Waste

5.2.3 Others

5.3 Market Segment by Type

5.3.1 World BioDME Production by Type (2018-2029)

5.3.2 World BioDME Production Value by Type (2018-2029)

5.3.3 World BioDME Average Price by Type (2018-2029)

6 MARKET ANALYSIS BY APPLICATION

6.1 World BioDME Market Size Overview by Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 Transport

6.2.2 Industrial

6.2.3 Others

6.3 Market Segment by Application

6.3.1 World BioDME Production by Application (2018-2029)

6.3.2 World BioDME Production Value by Application (2018-2029)

6.3.3 World BioDME Average Price by Application (2018-2029)

7 COMPANY PROFILES

7.1 Chemrec

7.1.1 Chemrec Details

- 7.1.2 Chemrec Major Business
- 7.1.3 Chemrec BioDME Product and Services
- 7.1.4 Chemrec BioDME Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.1.5 Chemrec Recent Developments/Updates
- 7.1.6 Chemrec Competitive Strengths & Weaknesses
- 7.2 ETIP Bioenergy
 - 7.2.1 ETIP Bioenergy Details
 - 7.2.2 ETIP Bioenergy Major Business
 - 7.2.3 ETIP Bioenergy BioDME Product and Services
 - 7.2.4 ETIP Bioenergy BioDME Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.2.5 ETIP Bioenergy Recent Developments/Updates
 - 7.2.6 ETIP Bioenergy Competitive Strengths & Weaknesses
- 7.3 Enerkem
 - 7.3.1 Enerkem Details
 - 7.3.2 Enerkem Major Business
 - 7.3.3 Enerkem BioDME Product and Services
 - 7.3.4 Enerkem BioDME Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.3.5 Enerkem Recent Developments/Updates
 - 7.3.6 Enerkem Competitive Strengths & Weaknesses
- 7.4 Cathay Biotech
 - 7.4.1 Cathay Biotech Details
 - 7.4.2 Cathay Biotech Major Business
 - 7.4.3 Cathay Biotech BioDME Product and Services
 - 7.4.4 Cathay Biotech BioDME Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.4.5 Cathay Biotech Recent Developments/Updates
 - 7.4.6 Cathay Biotech Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

- 8.1 BioDME Industry Chain
- 8.2 BioDME Upstream Analysis
 - 8.2.1 BioDME Core Raw Materials
 - 8.2.2 Main Manufacturers of BioDME Core Raw Materials
- 8.3 Midstream Analysis
- 8.4 Downstream Analysis

8.5 BioDME Production Mode

8.6 BioDME Procurement Model

8.7 BioDME Industry Sales Model and Sales Channels

8.7.1 BioDME Sales Model

8.7.2 BioDME 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 BioDME Production Value by Region (2018, 2022 and 2029) & (USD Million)
- Table 2. World BioDME Production Value by Region (2018-2023) & (USD Million)
- Table 3. World BioDME Production Value by Region (2024-2029) & (USD Million)
- Table 4. World BioDME Production Value Market Share by Region (2018-2023)
- Table 5. World BioDME Production Value Market Share by Region (2024-2029)
- Table 6. World BioDME Production by Region (2018-2023) & (Tons)
- Table 7. World BioDME Production by Region (2024-2029) & (Tons)
- Table 8. World BioDME Production Market Share by Region (2018-2023)
- Table 9. World BioDME Production Market Share by Region (2024-2029)
- Table 10. World BioDME Average Price by Region (2018-2023) & (US\$/Ton)
- Table 11. World BioDME Average Price by Region (2024-2029) & (US\$/Ton)
- Table 12. BioDME Major Market Trends
- Table 13. World BioDME Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (Tons)
- Table 14. World BioDME Consumption by Region (2018-2023) & (Tons)
- Table 15. World BioDME Consumption Forecast by Region (2024-2029) & (Tons)
- Table 16. World BioDME Production Value by Manufacturer (2018-2023) & (USD Million)
- Table 17. Production Value Market Share of Key BioDME Producers in 2022
- Table 18. World BioDME Production by Manufacturer (2018-2023) & (Tons)
- Table 19. Production Market Share of Key BioDME Producers in 2022
- Table 20. World BioDME Average Price by Manufacturer (2018-2023) & (US\$/Ton)
- Table 21. Global BioDME Company Evaluation Quadrant
- Table 22. World BioDME Industry Rank of Major Manufacturers, Based on Production Value in 2022
- Table 23. Head Office and BioDME Production Site of Key Manufacturer
- Table 24. BioDME Market: Company Product Type Footprint
- Table 25. BioDME Market: Company Product Application Footprint
- Table 26. BioDME Competitive Factors
- Table 27. BioDME New Entrant and Capacity Expansion Plans
- Table 28. BioDME Mergers & Acquisitions Activity
- Table 29. United States VS China BioDME Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)
- Table 30. United States VS China BioDME Production Comparison, (2018 & 2022 &

2029) & (Tons)

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

Table 32. United States Based BioDME Manufacturers, Headquarters and Production Site (States, Country)

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

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

Table 35. United States Based Manufacturers BioDME Production (2018-2023) & (Tons)

Table 36. United States Based Manufacturers BioDME Production Market Share (2018-2023)

Table 37. China Based BioDME Manufacturers, Headquarters and Production Site (Province, Country)

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

Table 39. China Based Manufacturers BioDME Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers BioDME Production (2018-2023) & (Tons)

Table 41. China Based Manufacturers BioDME Production Market Share (2018-2023)

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

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

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

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

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

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

Table 48. World BioDME Production by Type (2018-2023) & (Tons)

Table 49. World BioDME Production by Type (2024-2029) & (Tons)

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

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

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

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

Table 54. World BioDME Production Value by Application, (USD Million), 2018 & 2022

& 2029

Table 55. World BioDME Production by Application (2018-2023) & (Tons)

Table 56. World BioDME Production by Application (2024-2029) & (Tons)

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

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

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

Table 60. World BioDME Average Price by Application (2024-2029) & (US\$/Ton)

Table 61. Chemrec Basic Information, Manufacturing Base and Competitors

Table 62. Chemrec Major Business

Table 63. Chemrec BioDME Product and Services

Table 64. Chemrec BioDME Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. Chemrec Recent Developments/Updates

Table 66. Chemrec Competitive Strengths & Weaknesses

Table 67. ETIP Bioenergy Basic Information, Manufacturing Base and Competitors

Table 68. ETIP Bioenergy Major Business

Table 69. ETIP Bioenergy BioDME Product and Services

Table 70. ETIP Bioenergy BioDME Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. ETIP Bioenergy Recent Developments/Updates

Table 72. ETIP Bioenergy Competitive Strengths & Weaknesses

Table 73. Enerkem Basic Information, Manufacturing Base and Competitors

Table 74. Enerkem Major Business

Table 75. Enerkem BioDME Product and Services

Table 76. Enerkem BioDME Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. Enerkem Recent Developments/Updates

Table 78. Cathay Biotech Basic Information, Manufacturing Base and Competitors

Table 79. Cathay Biotech Major Business

Table 80. Cathay Biotech BioDME Product and Services

Table 81. Cathay Biotech BioDME Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 82. Global Key Players of BioDME Upstream (Raw Materials)

Table 83. BioDME Typical Customers

Table 84. BioDME Typical Distributors

LIST OF FIGURE

Figure 1. BioDME Picture

Figure 2. World BioDME Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World BioDME Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World BioDME Production (2018-2029) & (Tons)

Figure 5. World BioDME Average Price (2018-2029) & (US\$/Ton)

Figure 6. World BioDME Production Value Market Share by Region (2018-2029)

Figure 7. World BioDME Production Market Share by Region (2018-2029)

Figure 8. North America BioDME Production (2018-2029) & (Tons)

Figure 9. Europe BioDME Production (2018-2029) & (Tons)

Figure 10. China BioDME Production (2018-2029) & (Tons)

Figure 11. Japan BioDME Production (2018-2029) & (Tons)

Figure 12. BioDME Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World BioDME Consumption (2018-2029) & (Tons)

Figure 15. World BioDME Consumption Market Share by Region (2018-2029)

Figure 16. United States BioDME Consumption (2018-2029) & (Tons)

Figure 17. China BioDME Consumption (2018-2029) & (Tons)

Figure 18. Europe BioDME Consumption (2018-2029) & (Tons)

Figure 19. Japan BioDME Consumption (2018-2029) & (Tons)

Figure 20. South Korea BioDME Consumption (2018-2029) & (Tons)

Figure 21. ASEAN BioDME Consumption (2018-2029) & (Tons)

Figure 22. India BioDME Consumption (2018-2029) & (Tons)

Figure 23. Producer Shipments of BioDME by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 24. Global Four-firm Concentration Ratios (CR4) for BioDME Markets in 2022

Figure 25. Global Four-firm Concentration Ratios (CR8) for BioDME Markets in 2022

Figure 26. United States VS China: BioDME Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 27. United States VS China: BioDME Production Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: BioDME Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States Based Manufacturers BioDME Production Market Share 2022

Figure 30. China Based Manufacturers BioDME Production Market Share 2022

Figure 31. Rest of World Based Manufacturers BioDME Production Market Share 2022

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

Figure 33. World BioDME Production Value Market Share by Type in 2022

Figure 34. Wood

Figure 35. Agricultural Waste

Figure 36. Others

Figure 37. World BioDME Production Market Share by Type (2018-2029)

Figure 38. World BioDME Production Value Market Share by Type (2018-2029)

Figure 39. World BioDME Average Price by Type (2018-2029) & (US\$/Ton)

Figure 40. World BioDME Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 41. World BioDME Production Value Market Share by Application in 2022

Figure 42. Transport

Figure 43. Industrial

Figure 44. Others

Figure 45. World BioDME Production Market Share by Application (2018-2029)

Figure 46. World BioDME Production Value Market Share by Application (2018-2029)

Figure 47. World BioDME Average Price by Application (2018-2029) & (US\$/Ton)

Figure 48. BioDME Industry Chain

Figure 49. BioDME Procurement Model

Figure 50. BioDME Sales Model

Figure 51. BioDME Sales Channels, Direct Sales, and Distribution

Figure 52. Methodology

Figure 53. Research Process and Data Source

I would like to order

Product name: Global BioDME Supply, Demand and Key Producers, 2023-2029

Product link: <https://marketpublishers.com/r/G6820365181CEN.html>

Price: US\$ 4,480.00 (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/G6820365181CEN.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