

# Global Lignofuel Supply, Demand and Key Producers, 2023-2029

https://marketpublishers.com/r/GFF36B7AFDA4EN.html

Date: December 2023

Pages: 133

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

ID: GFF36B7AFDA4EN

## **Abstracts**

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

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

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

Highlights and key features of the study

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

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

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

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

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



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

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

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

This reports profiles key players in the global Lignofuel 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 Gevo, Inc., Aemetis Inc, BlueFire Renewables, Axens, New Energy Blue, LLC, Enerkem, Praj Industries, Clariant AG and Raizen, 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 Lignofuel 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 Lignofuel Market, By Region:

United States
China
Europe

Japan







New Energy Blue, LLC

Axens

Enerkem			
Praj Industries			
Clariant AG			
Raizen			
LanzaTech Global			
Lessaffre			
Ensyn Corporation			
Red Rock Biofuels LLC			
American Process			
Key Questions Answered			
How big is the global Lignofuel market?			
2. What is the demand of the global Lignofuel market?			
3. What is the year over year growth of the global Lignofuel market?			
4. What is the production and production value of the global Lignofuel market?			

5. Who are the key producers in the global Lignofuel market?



## **Contents**

#### 1 SUPPLY SUMMARY

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

## **2 DEMAND SUMMARY**

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

#### 3 WORLD LIGNOFUEL MANUFACTURERS COMPETITIVE ANALYSIS

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



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



- 4.5 China Based Lignofuel Manufacturers and Market Share
- 4.5.1 China Based Lignofuel Manufacturers, Headquarters and Production Site (Province, Country)
- 4.5.2 China Based Manufacturers Lignofuel Production Value (2018-2023)
- 4.5.3 China Based Manufacturers Lignofuel Production (2018-2023)
- 4.6 Rest of World Based Lignofuel Manufacturers and Market Share, 2018-2023
- 4.6.1 Rest of World Based Lignofuel Manufacturers, Headquarters and Production Site (State, Country)
- 4.6.2 Rest of World Based Manufacturers Lignofuel Production Value (2018-2023)
- 4.6.3 Rest of World Based Manufacturers Lignofuel Production (2018-2023)

#### **5 MARKET ANALYSIS BY TYPE**

- 5.1 World Lignofuel Market Size Overview by Type: 2018 VS 2022 VS 2029
- 5.2 Segment Introduction by Type
  - 5.2.1 Dedicated Energy Crops
  - 5.2.2 Agricultural Residue
  - 5.2.3 Forest Residue
  - 5.2.4 Urban Waste
- 5.3 Market Segment by Type
  - 5.3.1 World Lignofuel Production by Type (2018-2029)
  - 5.3.2 World Lignofuel Production Value by Type (2018-2029)
  - 5.3.3 World Lignofuel Average Price by Type (2018-2029)

#### **6 MARKET ANALYSIS BY APPLICATION**

- 6.1 World Lignofuel Market Size Overview by Application: 2018 VS 2022 VS 2029
- 6.2 Segment Introduction by Application
  - 6.2.1 Automotive
  - 6.2.2 Aerospace
  - 6.2.3 Marine
  - 6.2.4 Others
- 6.3 Market Segment by Application
  - 6.3.1 World Lignofuel Production by Application (2018-2029)
  - 6.3.2 World Lignofuel Production Value by Application (2018-2029)
  - 6.3.3 World Lignofuel Average Price by Application (2018-2029)

#### 7 COMPANY PROFILES



- 7.1 Gevo, Inc.
  - 7.1.1 Gevo, Inc. Details
  - 7.1.2 Gevo, Inc. Major Business
  - 7.1.3 Gevo, Inc. Lignofuel Product and Services
- 7.1.4 Gevo, Inc. Lignofuel Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.1.5 Gevo, Inc. Recent Developments/Updates
  - 7.1.6 Gevo, Inc. Competitive Strengths & Weaknesses
- 7.2 Aemetis Inc.
  - 7.2.1 Aemetis Inc Details
  - 7.2.2 Aemetis Inc Major Business
  - 7.2.3 Aemetis Inc Lignofuel Product and Services
- 7.2.4 Aemetis Inc Lignofuel Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.2.5 Aemetis Inc Recent Developments/Updates
  - 7.2.6 Aemetis Inc Competitive Strengths & Weaknesses
- 7.3 BlueFire Renewables
  - 7.3.1 BlueFire Renewables Details
  - 7.3.2 BlueFire Renewables Major Business
- 7.3.3 BlueFire Renewables Lignofuel Product and Services
- 7.3.4 BlueFire Renewables Lignofuel Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.3.5 BlueFire Renewables Recent Developments/Updates
  - 7.3.6 BlueFire Renewables Competitive Strengths & Weaknesses
- 7.4 Axens
  - 7.4.1 Axens Details
  - 7.4.2 Axens Major Business
  - 7.4.3 Axens Lignofuel Product and Services
- 7.4.4 Axens Lignofuel Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.4.5 Axens Recent Developments/Updates
  - 7.4.6 Axens Competitive Strengths & Weaknesses
- 7.5 New Energy Blue, LLC
  - 7.5.1 New Energy Blue, LLC Details
  - 7.5.2 New Energy Blue, LLC Major Business
  - 7.5.3 New Energy Blue, LLC Lignofuel Product and Services
- 7.5.4 New Energy Blue, LLC Lignofuel Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.5.5 New Energy Blue, LLC Recent Developments/Updates



- 7.5.6 New Energy Blue, LLC Competitive Strengths & Weaknesses
- 7.6 Enerkem
  - 7.6.1 Enerkem Details
  - 7.6.2 Enerkem Major Business
  - 7.6.3 Enerkem Lignofuel Product and Services
- 7.6.4 Enerkem Lignofuel Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.6.5 Enerkem Recent Developments/Updates
- 7.6.6 Enerkem Competitive Strengths & Weaknesses
- 7.7 Praj Industries
  - 7.7.1 Praj Industries Details
  - 7.7.2 Praj Industries Major Business
  - 7.7.3 Praj Industries Lignofuel Product and Services
- 7.7.4 Praj Industries Lignofuel Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.7.5 Praj Industries Recent Developments/Updates
- 7.7.6 Praj Industries Competitive Strengths & Weaknesses
- 7.8 Clariant AG
  - 7.8.1 Clariant AG Details
  - 7.8.2 Clariant AG Major Business
  - 7.8.3 Clariant AG Lignofuel Product and Services
- 7.8.4 Clariant AG Lignofuel Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.8.5 Clariant AG Recent Developments/Updates
- 7.8.6 Clariant AG Competitive Strengths & Weaknesses
- 7.9 Raizen
  - 7.9.1 Raizen Details
  - 7.9.2 Raizen Major Business
  - 7.9.3 Raizen Lignofuel Product and Services
- 7.9.4 Raizen Lignofuel Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.9.5 Raizen Recent Developments/Updates
  - 7.9.6 Raizen Competitive Strengths & Weaknesses
- 7.10 LanzaTech Global
- 7.10.1 LanzaTech Global Details
- 7.10.2 LanzaTech Global Major Business
- 7.10.3 LanzaTech Global Lignofuel Product and Services
- 7.10.4 LanzaTech Global Lignofuel Production, Price, Value, Gross Margin and Market Share (2018-2023)



- 7.10.5 LanzaTech Global Recent Developments/Updates
- 7.10.6 LanzaTech Global Competitive Strengths & Weaknesses
- 7.11 Lessaffre
  - 7.11.1 Lessaffre Details
  - 7.11.2 Lessaffre Major Business
  - 7.11.3 Lessaffre Lignofuel Product and Services
- 7.11.4 Lessaffre Lignofuel Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.11.5 Lessaffre Recent Developments/Updates
- 7.11.6 Lessaffre Competitive Strengths & Weaknesses
- 7.12 Ensyn Corporation
  - 7.12.1 Ensyn Corporation Details
  - 7.12.2 Ensyn Corporation Major Business
  - 7.12.3 Ensyn Corporation Lignofuel Product and Services
- 7.12.4 Ensyn Corporation Lignofuel Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.12.5 Ensyn Corporation Recent Developments/Updates
- 7.12.6 Ensyn Corporation Competitive Strengths & Weaknesses
- 7.13 Red Rock Biofuels LLC
  - 7.13.1 Red Rock Biofuels LLC Details
  - 7.13.2 Red Rock Biofuels LLC Major Business
  - 7.13.3 Red Rock Biofuels LLC Lignofuel Product and Services
- 7.13.4 Red Rock Biofuels LLC Lignofuel Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.13.5 Red Rock Biofuels LLC Recent Developments/Updates
  - 7.13.6 Red Rock Biofuels LLC Competitive Strengths & Weaknesses
- 7.14 American Process
  - 7.14.1 American Process Details
  - 7.14.2 American Process Major Business
  - 7.14.3 American Process Lignofuel Product and Services
- 7.14.4 American Process Lignofuel Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.14.5 American Process Recent Developments/Updates
- 7.14.6 American Process Competitive Strengths & Weaknesses

#### **8 INDUSTRY CHAIN ANALYSIS**

- 8.1 Lignofuel Industry Chain
- 8.2 Lignofuel Upstream Analysis



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



- 2029) & (Tons)
- Table 31. United States VS China Lignofuel Consumption Comparison, (2018 & 2022 & 2029) & (Tons)
- Table 32. United States Based Lignofuel Manufacturers, Headquarters and Production Site (States, Country)
- Table 33. United States Based Manufacturers Lignofuel Production Value, (2018-2023) & (USD Million)
- Table 34. United States Based Manufacturers Lignofuel Production Value Market Share (2018-2023)
- Table 35. United States Based Manufacturers Lignofuel Production (2018-2023) & (Tons)
- Table 36. United States Based Manufacturers Lignofuel Production Market Share (2018-2023)
- Table 37. China Based Lignofuel Manufacturers, Headquarters and Production Site (Province, Country)
- Table 38. China Based Manufacturers Lignofuel Production Value, (2018-2023) & (USD Million)
- Table 39. China Based Manufacturers Lignofuel Production Value Market Share (2018-2023)
- Table 40. China Based Manufacturers Lignofuel Production (2018-2023) & (Tons)
- Table 41. China Based Manufacturers Lignofuel Production Market Share (2018-2023)
- Table 42. Rest of World Based Lignofuel Manufacturers, Headquarters and Production Site (States, Country)
- Table 43. Rest of World Based Manufacturers Lignofuel Production Value, (2018-2023) & (USD Million)
- Table 44. Rest of World Based Manufacturers Lignofuel Production Value Market Share (2018-2023)
- Table 45. Rest of World Based Manufacturers Lignofuel Production (2018-2023) & (Tons)
- Table 46. Rest of World Based Manufacturers Lignofuel Production Market Share (2018-2023)
- Table 47. World Lignofuel Production Value by Type, (USD Million), 2018 & 2022 & 2029
- Table 48. World Lignofuel Production by Type (2018-2023) & (Tons)
- Table 49. World Lignofuel Production by Type (2024-2029) & (Tons)
- Table 50. World Lignofuel Production Value by Type (2018-2023) & (USD Million)
- Table 51. World Lignofuel Production Value by Type (2024-2029) & (USD Million)
- Table 52. World Lignofuel Average Price by Type (2018-2023) & (US\$/Ton)
- Table 53. World Lignofuel Average Price by Type (2024-2029) & (US\$/Ton)



- Table 54. World Lignofuel Production Value by Application, (USD Million), 2018 & 2022 & 2029
- Table 55. World Lignofuel Production by Application (2018-2023) & (Tons)
- Table 56. World Lignofuel Production by Application (2024-2029) & (Tons)
- Table 57. World Lignofuel Production Value by Application (2018-2023) & (USD Million)
- Table 58. World Lignofuel Production Value by Application (2024-2029) & (USD Million)
- Table 59. World Lignofuel Average Price by Application (2018-2023) & (US\$/Ton)
- Table 60. World Lignofuel Average Price by Application (2024-2029) & (US\$/Ton)
- Table 61. Gevo, Inc. Basic Information, Manufacturing Base and Competitors
- Table 62. Gevo, Inc. Major Business
- Table 63. Gevo, Inc. Lignofuel Product and Services
- Table 64. Gevo, Inc. Lignofuel Production (Tons), Price (US\$/Ton), Production Value
- (USD Million), Gross Margin and Market Share (2018-2023)
- Table 65. Gevo, Inc. Recent Developments/Updates
- Table 66. Gevo, Inc. Competitive Strengths & Weaknesses
- Table 67. Aemetis Inc Basic Information, Manufacturing Base and Competitors
- Table 68. Aemetis Inc Major Business
- Table 69. Aemetis Inc Lignofuel Product and Services
- Table 70. Aemetis Inc Lignofuel Production (Tons), Price (US\$/Ton), Production Value
- (USD Million), Gross Margin and Market Share (2018-2023)
- Table 71. Aemetis Inc Recent Developments/Updates
- Table 72. Aemetis Inc Competitive Strengths & Weaknesses
- Table 73. BlueFire Renewables Basic Information, Manufacturing Base and

## Competitors

- Table 74. BlueFire Renewables Major Business
- Table 75. BlueFire Renewables Lignofuel Product and Services
- Table 76. BlueFire Renewables Lignofuel Production (Tons), Price (US\$/Ton),
- Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 77. BlueFire Renewables Recent Developments/Updates
- Table 78. BlueFire Renewables Competitive Strengths & Weaknesses
- Table 79. Axens Basic Information, Manufacturing Base and Competitors
- Table 80. Axens Major Business
- Table 81. Axens Lignofuel Product and Services
- Table 82. Axens Lignofuel Production (Tons), Price (US\$/Ton), Production Value (USD
- Million), Gross Margin and Market Share (2018-2023)
- Table 83. Axens Recent Developments/Updates
- Table 84. Axens Competitive Strengths & Weaknesses
- Table 85. New Energy Blue, LLC Basic Information, Manufacturing Base and

## Competitors



- Table 86. New Energy Blue, LLC Major Business
- Table 87. New Energy Blue, LLC Lignofuel Product and Services
- Table 88. New Energy Blue, LLC Lignofuel Production (Tons), Price (US\$/Ton),
- Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 89. New Energy Blue, LLC Recent Developments/Updates
- Table 90. New Energy Blue, LLC Competitive Strengths & Weaknesses
- Table 91. Enerkem Basic Information, Manufacturing Base and Competitors
- Table 92. Enerkem Major Business
- Table 93. Enerkem Lignofuel Product and Services
- Table 94. Enerkem Lignofuel Production (Tons), Price (US\$/Ton), Production Value
- (USD Million), Gross Margin and Market Share (2018-2023)
- Table 95. Enerkem Recent Developments/Updates
- Table 96. Enerkem Competitive Strengths & Weaknesses
- Table 97. Praj Industries Basic Information, Manufacturing Base and Competitors
- Table 98. Praj Industries Major Business
- Table 99. Praj Industries Lignofuel Product and Services
- Table 100. Praj Industries Lignofuel Production (Tons), Price (US\$/Ton), Production
- Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 101. Praj Industries Recent Developments/Updates
- Table 102. Praj Industries Competitive Strengths & Weaknesses
- Table 103. Clariant AG Basic Information, Manufacturing Base and Competitors
- Table 104. Clariant AG Major Business
- Table 105. Clariant AG Lignofuel Product and Services
- Table 106. Clariant AG Lignofuel Production (Tons), Price (US\$/Ton), Production Value
- (USD Million), Gross Margin and Market Share (2018-2023)
- Table 107. Clariant AG Recent Developments/Updates
- Table 108. Clariant AG Competitive Strengths & Weaknesses
- Table 109. Raizen Basic Information, Manufacturing Base and Competitors
- Table 110. Raizen Major Business
- Table 111. Raizen Lignofuel Product and Services
- Table 112. Raizen Lignofuel Production (Tons), Price (US\$/Ton), Production Value
- (USD Million), Gross Margin and Market Share (2018-2023)
- Table 113. Raizen Recent Developments/Updates
- Table 114. Raizen Competitive Strengths & Weaknesses
- Table 115. LanzaTech Global Basic Information, Manufacturing Base and Competitors
- Table 116. LanzaTech Global Major Business
- Table 117. LanzaTech Global Lignofuel Product and Services
- Table 118. LanzaTech Global Lignofuel Production (Tons), Price (US\$/Ton), Production
- Value (USD Million), Gross Margin and Market Share (2018-2023)



- Table 119. LanzaTech Global Recent Developments/Updates
- Table 120. LanzaTech Global Competitive Strengths & Weaknesses
- Table 121. Lessaffre Basic Information, Manufacturing Base and Competitors
- Table 122. Lessaffre Major Business
- Table 123. Lessaffre Lignofuel Product and Services
- Table 124. Lessaffre Lignofuel Production (Tons), Price (US\$/Ton), Production Value
- (USD Million), Gross Margin and Market Share (2018-2023)
- Table 125. Lessaffre Recent Developments/Updates
- Table 126. Lessaffre Competitive Strengths & Weaknesses
- Table 127. Ensyn Corporation Basic Information, Manufacturing Base and Competitors
- Table 128. Ensyn Corporation Major Business
- Table 129. Ensyn Corporation Lignofuel Product and Services
- Table 130. Ensyn Corporation Lignofuel Production (Tons), Price (US\$/Ton), Production
- Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 131. Ensyn Corporation Recent Developments/Updates
- Table 132. Ensyn Corporation Competitive Strengths & Weaknesses
- Table 133. Red Rock Biofuels LLC Basic Information, Manufacturing Base and Competitors
- Table 134. Red Rock Biofuels LLC Major Business
- Table 135. Red Rock Biofuels LLC Lignofuel Product and Services
- Table 136. Red Rock Biofuels LLC Lignofuel Production (Tons), Price (US\$/Ton),
- Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 137. Red Rock Biofuels LLC Recent Developments/Updates
- Table 138. American Process Basic Information, Manufacturing Base and Competitors
- Table 139. American Process Major Business
- Table 140. American Process Lignofuel Product and Services
- Table 141. American Process Lignofuel Production (Tons), Price (US\$/Ton), Production
- Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 142. Global Key Players of Lignofuel Upstream (Raw Materials)
- Table 143. Lignofuel Typical Customers
- Table 144. Lignofuel Typical Distributors

#### LIST OF FIGURE

- Figure 1. Lignofuel Picture
- Figure 2. World Lignofuel Production Value: 2018 & 2022 & 2029, (USD Million)
- Figure 3. World Lignofuel Production Value and Forecast (2018-2029) & (USD Million)
- Figure 4. World Lignofuel Production (2018-2029) & (Tons)
- Figure 5. World Lignofuel Average Price (2018-2029) & (US\$/Ton)



- Figure 6. World Lignofuel Production Value Market Share by Region (2018-2029)
- Figure 7. World Lignofuel Production Market Share by Region (2018-2029)
- Figure 8. North America Lignofuel Production (2018-2029) & (Tons)
- Figure 9. Europe Lignofuel Production (2018-2029) & (Tons)
- Figure 10. China Lignofuel Production (2018-2029) & (Tons)
- Figure 11. Japan Lignofuel Production (2018-2029) & (Tons)
- Figure 12. Lignofuel Market Drivers
- Figure 13. Factors Affecting Demand
- Figure 14. World Lignofuel Consumption (2018-2029) & (Tons)
- Figure 15. World Lignofuel Consumption Market Share by Region (2018-2029)
- Figure 16. United States Lignofuel Consumption (2018-2029) & (Tons)
- Figure 17. China Lignofuel Consumption (2018-2029) & (Tons)
- Figure 18. Europe Lignofuel Consumption (2018-2029) & (Tons)
- Figure 19. Japan Lignofuel Consumption (2018-2029) & (Tons)
- Figure 20. South Korea Lignofuel Consumption (2018-2029) & (Tons)
- Figure 21. ASEAN Lignofuel Consumption (2018-2029) & (Tons)
- Figure 22. India Lignofuel Consumption (2018-2029) & (Tons)
- Figure 23. Producer Shipments of Lignofuel by Manufacturer Revenue (\$MM) and Market Share (%): 2022
- Figure 24. Global Four-firm Concentration Ratios (CR4) for Lignofuel Markets in 2022
- Figure 25. Global Four-firm Concentration Ratios (CR8) for Lignofuel Markets in 2022
- Figure 26. United States VS China: Lignofuel Production Value Market Share Comparison (2018 & 2022 & 2029)
- Figure 27. United States VS China: Lignofuel Production Market Share Comparison (2018 & 2022 & 2029)
- Figure 28. United States VS China: Lignofuel Consumption Market Share Comparison (2018 & 2022 & 2029)
- Figure 29. United States Based Manufacturers Lignofuel Production Market Share 2022
- Figure 30. China Based Manufacturers Lignofuel Production Market Share 2022
- Figure 31. Rest of World Based Manufacturers Lignofuel Production Market Share 2022
- Figure 32. World Lignofuel Production Value by Type, (USD Million), 2018 & 2022 & 2029
- Figure 33. World Lignofuel Production Value Market Share by Type in 2022
- Figure 34. Dedicated Energy Crops
- Figure 35. Agricultural Residue
- Figure 36. Forest Residue
- Figure 37. Urban Waste
- Figure 38. World Lignofuel Production Market Share by Type (2018-2029)
- Figure 39. World Lignofuel Production Value Market Share by Type (2018-2029)



Figure 40. World Lignofuel Average Price by Type (2018-2029) & (US\$/Ton)

Figure 41. World Lignofuel Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 42. World Lignofuel Production Value Market Share by Application in 2022

Figure 43. Automotive

Figure 44. Aerospace

Figure 45. Marine

Figure 46. Others

Figure 47. World Lignofuel Production Market Share by Application (2018-2029)

Figure 48. World Lignofuel Production Value Market Share by Application (2018-2029)

Figure 49. World Lignofuel Average Price by Application (2018-2029) & (US\$/Ton)

Figure 50. Lignofuel Industry Chain

Figure 51. Lignofuel Procurement Model

Figure 52. Lignofuel Sales Model

Figure 53. Lignofuel Sales Channels, Direct Sales, and Distribution

Figure 54. Methodology

Figure 55. Research Process and Data Source



## I would like to order

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

Product link: https://marketpublishers.com/r/GFF36B7AFDA4EN.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 <a href="https://marketpublishers.com/r/GFF36B7AFDA4EN.html">https://marketpublishers.com/r/GFF36B7AFDA4EN.html</a>

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	
	Custumer signature	

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

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