

Global Biorefinery Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global Biorefinery market size is expected to reach \$ 64430 million by 2032, rising at a market growth of 2.9% CAGR during the forecast period (2026-2032).

Biorefinery is the sustainable processing of biomass into a spectrum of marketable products and energy. In this process, agriculture waste, Plant-based starch and lignocellulosic materials are used to produce all kinds of chemicals, fuel and bio-based materials. Biorefinery can be a facility, a process, a plant, or even a cluster of facilities. A main driver for the establishment of biorefineries is the sustainability aspect. All biorefineries should be assessed for the entire value chain on their environmental, economic, and social sustainability covering the whole life cycle (construction—operation—dismantling). This assessment should also take into account the possible consequences due to the competition for food and biomass resources, the impact on water use and quality, changes in land-use, soil carbon stock balance and fertility, net balance of GHGs, impact on biodiversity, potential toxicological risks, and energy efficiency.

Global Biorefinery key players include Abengoa Bioenergy Corp, Renewable Energy Group Inc, Valero Energy Corp, etc. Global top three manufacturers hold a share over 15%.

Europe is the largest market, with a share about 45%, followed by China, and USA, both have a share over 20 percent.

In terms of product, Biochemical is the largest segment, with a share over 80%. And in terms of application, the largest application is Biofuel, followed by Bulk chemicals, Pharmaceuticals and food additives, Biomaterial, etc.

This report studies the global Biorefinery demand, key companies, and key regions.

This report is a detailed and comprehensive analysis of the world market for Biorefinery, and provides market size (US\$ million) and Year-over-Year (YoY) growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Biorefinery that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Biorefinery total market, 2021-2032, (USD Million)

Global Biorefinery total market by region & country, CAGR, 2021-2032, (USD Million)

U.S. VS China: Biorefinery total market, key domestic companies, and share, (USD Million)

Global Biorefinery revenue by player, revenue and market share 2021-2026, (USD Million)

Global Biorefinery total market by Type, CAGR, 2021-2032, (USD Million)

Global Biorefinery total market by Application, CAGR, 2021-2032, (USD Million)

This report profiles major players in the global Biorefinery market based on the following parameters - company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Abengoa Bioenergy Corp, Pacific Ethanol, Neste Oil OYJ, Renewable Energy Group Inc, UOP LLC, Valero Energy Corp, 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 Biorefinery market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), by player, by regions, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Biorefinery Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Biorefinery Market, Segmentation by Type:

Biochemical

Thermochemical

Global Biorefinery Market, Segmentation by Application:

Bulk Chemicals

Biomaterial

Biofuel

Pharmaceuticals And Food Additives

Companies Profiled:

Abengoa Bioenergy Corp

Pacific Ethanol

Neste Oil OYJ

Renewable Energy Group Inc

UOP LLC

Valero Energy Corp

Key Questions Answered

1. How big is the global Biorefinery market?
2. What is the demand of the global Biorefinery market?
3. What is the year over year growth of the global Biorefinery market?
4. What is the total value of the global Biorefinery market?
5. Who are the Major Players in the global Biorefinery market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 Biorefinery Introduction
- 1.2 World Biorefinery Market Size & Forecast (2021 & 2025 & 2032)
- 1.3 World Biorefinery Total Market by Region (by Headquarter Location)
 - 1.3.1 World Biorefinery Market Size by Region (2021-2032), (by Headquarter Location)
 - 1.3.2 United States Based Company Biorefinery Revenue (2021-2032)
 - 1.3.3 China Based Company Biorefinery Revenue (2021-2032)
 - 1.3.4 Europe Based Company Biorefinery Revenue (2021-2032)
 - 1.3.5 Japan Based Company Biorefinery Revenue (2021-2032)
 - 1.3.6 South Korea Based Company Biorefinery Revenue (2021-2032)
 - 1.3.7 ASEAN Based Company Biorefinery Revenue (2021-2032)
 - 1.3.8 India Based Company Biorefinery Revenue (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Biorefinery Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Major Market Trends

2 DEMAND SUMMARY

- 2.1 World Biorefinery Consumption Value (2021-2032)
- 2.2 World Biorefinery Consumption Value by Region
 - 2.2.1 World Biorefinery Consumption Value by Region (2021-2026)
 - 2.2.2 World Biorefinery Consumption Value Forecast by Region (2027-2032)
- 2.3 United States Biorefinery Consumption Value (2021-2032)
- 2.4 China Biorefinery Consumption Value (2021-2032)
- 2.5 Europe Biorefinery Consumption Value (2021-2032)
- 2.6 Japan Biorefinery Consumption Value (2021-2032)
- 2.7 South Korea Biorefinery Consumption Value (2021-2032)
- 2.8 ASEAN Biorefinery Consumption Value (2021-2032)
- 2.9 India Biorefinery Consumption Value (2021-2032)

3 WORLD BIOREFINERY COMPANIES COMPETITIVE ANALYSIS

- 3.1 World Biorefinery Revenue by Player (2021-2026)
- 3.2 Industry Rank and Concentration Rate (CR)
 - 3.2.1 Global Biorefinery Industry Rank of Major Players

- 3.2.2 Global Concentration Ratios (CR4) for Biorefinery in 2025
- 3.2.3 Global Concentration Ratios (CR8) for Biorefinery in 2025
- 3.3 Biorefinery Company Evaluation Quadrant
- 3.4 Biorefinery Market: Overall Company Footprint Analysis
 - 3.4.1 Biorefinery Market: Region Footprint
 - 3.4.2 Biorefinery Market: Company Product Type Footprint
 - 3.4.3 Biorefinery Market: Company Product Application Footprint
- 3.5 Competitive Environment
 - 3.5.1 Historical Structure of the Industry
 - 3.5.2 Barriers of Market Entry
 - 3.5.3 Factors of Competition
- 3.6 Mergers & Acquisitions Activity

4 UNITED STATES VS CHINA VS REST OF WORLD (BY HEADQUARTER LOCATION)

- 4.1 United States VS China: Biorefinery Revenue Comparison (by Headquarter Location)
 - 4.1.1 United States VS China: Biorefinery Revenue Comparison (2021 & 2025 & 2032) (by Headquarter Location)
 - 4.1.2 United States VS China: Biorefinery Revenue Market Share Comparison (2021 & 2025 & 2032)
- 4.2 United States Based Companies VS China Based Companies: Biorefinery Consumption Value Comparison
 - 4.2.1 United States VS China: Biorefinery Consumption Value Comparison (2021 & 2025 & 2032)
 - 4.2.2 United States VS China: Biorefinery Consumption Value Market Share Comparison (2021 & 2025 & 2032)
- 4.3 United States Based Biorefinery Companies and Market Share, 2021-2026
 - 4.3.1 United States Based Biorefinery Companies, Headquarters (States, Country)
 - 4.3.2 United States Based Companies Biorefinery Revenue, (2021-2026)
- 4.4 China Based Companies Biorefinery Revenue and Market Share, 2021-2026
 - 4.4.1 China Based Biorefinery Companies, Company Headquarters (Province, Country)
 - 4.4.2 China Based Companies Biorefinery Revenue, (2021-2026)
- 4.5 Rest of World Based Biorefinery Companies and Market Share, 2021-2026
 - 4.5.1 Rest of World Based Biorefinery Companies, Headquarters (Province, Country)
 - 4.5.2 Rest of World Based Companies Biorefinery Revenue (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World Biorefinery Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Biochemical

5.2.2 Thermochemical

5.3 Market Segment by Type

5.3.1 World Biorefinery Market Size by Type (2021-2026)

5.3.2 World Biorefinery Market Size by Type (2027-2032)

5.3.3 World Biorefinery Market Size Market Share by Type (2027-2032)

6 MARKET ANALYSIS BY APPLICATION

6.1 World Biorefinery Market Size Overview by Application: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Application

6.2.1 Bulk Chemicals

6.2.2 Biomaterial

6.2.3 Biofuel

6.2.4 Pharmaceuticals And Food Additives

6.3 Market Segment by Application

6.3.1 World Biorefinery Market Size by Application (2021-2026)

6.3.2 World Biorefinery Market Size by Application (2027-2032)

6.3.3 World Biorefinery Market Size Market Share by Application (2021-2032)

7 COMPANY PROFILES

7.1 Abengoa Bioenergy Corp

7.1.1 Abengoa Bioenergy Corp Details

7.1.2 Abengoa Bioenergy Corp Major Business

7.1.3 Abengoa Bioenergy Corp Biorefinery Product and Services

7.1.4 Abengoa Bioenergy Corp Biorefinery Revenue, Gross Margin and Market Share (2021-2026)

7.1.5 Abengoa Bioenergy Corp Recent Developments/Updates

7.1.6 Abengoa Bioenergy Corp Competitive Strengths & Weaknesses

7.2 Pacific Ethanol

7.2.1 Pacific Ethanol Details

7.2.2 Pacific Ethanol Major Business

7.2.3 Pacific Ethanol Biorefinery Product and Services

7.2.4 Pacific Ethanol Biorefinery Revenue, Gross Margin and Market Share

(2021-2026)

7.2.5 Pacific Ethanol Recent Developments/Updates

7.2.6 Pacific Ethanol Competitive Strengths & Weaknesses

7.3 Neste Oil OYJ

7.3.1 Neste Oil OYJ Details

7.3.2 Neste Oil OYJ Major Business

7.3.3 Neste Oil OYJ Biorefinery Product and Services

7.3.4 Neste Oil OYJ Biorefinery Revenue, Gross Margin and Market Share

(2021-2026)

7.3.5 Neste Oil OYJ Recent Developments/Updates

7.3.6 Neste Oil OYJ Competitive Strengths & Weaknesses

7.4 Renewable Energy Group Inc

7.4.1 Renewable Energy Group Inc Details

7.4.2 Renewable Energy Group Inc Major Business

7.4.3 Renewable Energy Group Inc Biorefinery Product and Services

7.4.4 Renewable Energy Group Inc Biorefinery Revenue, Gross Margin and Market

Share (2021-2026)

7.4.5 Renewable Energy Group Inc Recent Developments/Updates

7.4.6 Renewable Energy Group Inc Competitive Strengths & Weaknesses

7.5 UOP LLC

7.5.1 UOP LLC Details

7.5.2 UOP LLC Major Business

7.5.3 UOP LLC Biorefinery Product and Services

7.5.4 UOP LLC Biorefinery Revenue, Gross Margin and Market Share (2021-2026)

7.5.5 UOP LLC Recent Developments/Updates

7.5.6 UOP LLC Competitive Strengths & Weaknesses

7.6 Valero Energy Corp

7.6.1 Valero Energy Corp Details

7.6.2 Valero Energy Corp Major Business

7.6.3 Valero Energy Corp Biorefinery Product and Services

7.6.4 Valero Energy Corp Biorefinery Revenue, Gross Margin and Market Share

(2021-2026)

7.6.5 Valero Energy Corp Recent Developments/Updates

7.6.6 Valero Energy Corp Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

8.1 Biorefinery Industry Chain

8.2 Biorefinery Upstream Analysis

8.3 Biorefinery Midstream Analysis

8.4 Biorefinery Downstream Analysis

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 Biorefinery Revenue by Region (2021, 2025 and 2032) & (USD Million), (by Headquarter Location)
- Table 2. World Biorefinery Revenue by Region (2021-2026) & (USD Million), (by Headquarter Location)
- Table 3. World Biorefinery Revenue by Region (2027-2032) & (USD Million), (by Headquarter Location)
- Table 4. World Biorefinery Revenue Market Share by Region (2021-2026), (by Headquarter Location)
- Table 5. World Biorefinery Revenue Market Share by Region (2027-2032), (by Headquarter Location)
- Table 6. Major Market Trends
- Table 7. World Biorefinery Consumption Value Growth Rate Forecast by Region (2021 & 2025 & 2032) & (USD Million)
- Table 8. World Biorefinery Consumption Value by Region (2021-2026) & (USD Million)
- Table 9. World Biorefinery Consumption Value Forecast by Region (2027-2032) & (USD Million)
- Table 10. World Biorefinery Revenue by Player (2021-2026) & (USD Million)
- Table 11. Revenue Market Share of Key Biorefinery Players in 2025
- Table 12. World Biorefinery Industry Rank of Major Player, Based on Revenue in 2025
- Table 13. Global Biorefinery Company Evaluation Quadrant
- Table 14. Head Office of Key Biorefinery Players
- Table 15. Biorefinery Market: Company Product Type Footprint
- Table 16. Biorefinery Market: Company Product Application Footprint
- Table 17. Biorefinery Mergers & Acquisitions Activity
- Table 18. United States VS China Biorefinery Revenue Comparison, (2021 & 2025 & 2032) & (USD Million)
- Table 19. United States VS China Biorefinery Consumption Value Comparison, (2021 & 2025 & 2032) & (USD Million)
- Table 20. United States Based Biorefinery Companies, Headquarters (States, Country)
- Table 21. United States Based Companies Biorefinery Revenue, (2021-2026) & (USD Million)
- Table 22. United States Based Companies Biorefinery Revenue Market Share (2021-2026)
- Table 23. China Based Biorefinery Companies, Headquarters (Province, Country)
- Table 24. China Based Companies Biorefinery Revenue, (2021-2026) & (USD Million)

- Table 25. China Based Companies Biorefinery Revenue Market Share (2021-2026)
- Table 26. Rest of World Based Biorefinery Companies, Headquarters (Province, Country)
- Table 27. Rest of World Based Companies Biorefinery Revenue (2021-2026) & (USD Million)
- Table 28. Rest of World Based Companies Biorefinery Revenue Market Share (2021-2026)
- Table 29. World Biorefinery Market Size by Type, (USD Million), 2021 & 2025 & 2032
- Table 30. World Biorefinery Market Size Value by Type (2021-2026) & (USD Million)
- Table 31. World Biorefinery Market Size by Type (2027-2032) & (USD Million)
- Table 32. World Biorefinery Market Size by Application, (USD Million), 2021 & 2025 & 2032
- Table 33. World Biorefinery Market Size by Application (2021-2026) & (USD Million)
- Table 34. World Biorefinery Market Size by Application (2027-2032) & (USD Million)
- Table 35. Abengoa Bioenergy Corp Basic Information, Manufacturing Base and Competitors
- Table 36. Abengoa Bioenergy Corp Major Business
- Table 37. Abengoa Bioenergy Corp Biorefinery Product and Services
- Table 38. Abengoa Bioenergy Corp Biorefinery Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
- Table 39. Abengoa Bioenergy Corp Recent Developments/Updates
- Table 40. Abengoa Bioenergy Corp Competitive Strengths & Weaknesses
- Table 41. Pacific Ethanol Basic Information, Manufacturing Base and Competitors
- Table 42. Pacific Ethanol Major Business
- Table 43. Pacific Ethanol Biorefinery Product and Services
- Table 44. Pacific Ethanol Biorefinery Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
- Table 45. Pacific Ethanol Recent Developments/Updates
- Table 46. Pacific Ethanol Competitive Strengths & Weaknesses
- Table 47. Neste Oil OYJ Basic Information, Manufacturing Base and Competitors
- Table 48. Neste Oil OYJ Major Business
- Table 49. Neste Oil OYJ Biorefinery Product and Services
- Table 50. Neste Oil OYJ Biorefinery Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
- Table 51. Neste Oil OYJ Recent Developments/Updates
- Table 52. Neste Oil OYJ Competitive Strengths & Weaknesses
- Table 53. Renewable Energy Group Inc Basic Information, Manufacturing Base and Competitors
- Table 54. Renewable Energy Group Inc Major Business

- Table 55. Renewable Energy Group Inc Biorefinery Product and Services
- Table 56. Renewable Energy Group Inc Biorefinery Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
- Table 57. Renewable Energy Group Inc Recent Developments/Updates
- Table 58. Renewable Energy Group Inc Competitive Strengths & Weaknesses
- Table 59. UOP LLC Basic Information, Manufacturing Base and Competitors
- Table 60. UOP LLC Major Business
- Table 61. UOP LLC Biorefinery Product and Services
- Table 62. UOP LLC Biorefinery Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
- Table 63. UOP LLC Recent Developments/Updates
- Table 64. UOP LLC Competitive Strengths & Weaknesses
- Table 65. Valero Energy Corp Basic Information, Manufacturing Base and Competitors
- Table 66. Valero Energy Corp Major Business
- Table 67. Valero Energy Corp Biorefinery Product and Services
- Table 68. Valero Energy Corp Biorefinery Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
- Table 69. Valero Energy Corp Recent Developments/Updates
- Table 70. Valero Energy Corp Competitive Strengths & Weaknesses
- Table 71. Global Key Players of Biorefinery Upstream (Raw Materials)
- Table 72. Global Biorefinery Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. Biorefinery Picture

Figure 2. World Biorefinery Total Revenue: 2021 & 2025 & 2032, (USD Million)

Figure 3. World Biorefinery Total Revenue (2021-2032) & (USD Million)

Figure 4. World Biorefinery Revenue by Region (2021, 2025 and 2032) & (USD Million), (by Headquarter Location)

Figure 5. World Biorefinery Revenue Market Share by Region (2021-2032), (by Headquarter Location)

Figure 6. United States Based Company Biorefinery Revenue (2021-2032) & (USD Million)

Figure 7. China Based Company Biorefinery Revenue (2021-2032) & (USD Million)

Figure 8. Europe Based Company Biorefinery Revenue (2021-2032) & (USD Million)

Figure 9. Japan Based Company Biorefinery Revenue (2021-2032) & (USD Million)

Figure 10. South Korea Based Company Biorefinery Revenue (2021-2032) & (USD Million)

Figure 11. ASEAN Based Company Biorefinery Revenue (2021-2032) & (USD Million)

Figure 12. India Based Company Biorefinery Revenue (2021-2032) & (USD Million)

Figure 13. Biorefinery Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World Biorefinery Consumption Value (2021-2032) & (USD Million)

Figure 16. World Biorefinery Consumption Value Market Share by Region (2021-2032)

Figure 17. United States Biorefinery Consumption Value (2021-2032) & (USD Million)

Figure 18. China Biorefinery Consumption Value (2021-2032) & (USD Million)

Figure 19. Europe Biorefinery Consumption Value (2021-2032) & (USD Million)

Figure 20. Japan Biorefinery Consumption Value (2021-2032) & (USD Million)

Figure 21. South Korea Biorefinery Consumption Value (2021-2032) & (USD Million)

Figure 22. ASEAN Biorefinery Consumption Value (2021-2032) & (USD Million)

Figure 23. India Biorefinery Consumption Value (2021-2032) & (USD Million)

Figure 24. Producer Shipments of Biorefinery by Player Revenue (\$MM) and Market Share (%): 2025

Figure 25. Global Four-firm Concentration Ratios (CR4) for Biorefinery Markets in 2025

Figure 26. Global Four-firm Concentration Ratios (CR8) for Biorefinery Markets in 2025

Figure 27. United States VS China: Biorefinery Revenue Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: Biorefinery Consumption Value Market Share Comparison (2021 & 2025 & 2032)

Figure 29. World Biorefinery Market Size by Type, (USD Million), 2021 & 2025 & 2032

Figure 30. World Biorefinery Market Size Market Share by Type in 2025

Figure 31. Biochemical

Figure 32. Thermochemical

Figure 33. World Biorefinery Market Size Market Share by Type (2021-2032)

Figure 34. World Biorefinery Market Size by Application, (USD Million), 2021 & 2025 & 2032

Figure 35. World Biorefinery Market Size Market Share by Application in 2025

Figure 36. Bulk Chemicals

Figure 37. Biomaterial

Figure 38. Biofuel

Figure 39. Pharmaceuticals And Food Additives

Figure 40. World Biorefinery Market Size Market Share by Application (2021-2032)

Figure 41. Biorefinery Industrial Chain

Figure 42. Methodology

Figure 43. Research Process and Data Source

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