

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Biorefinery Market 2018, Forecast to 2023

https://marketpublishers.com/r/G958CE7A67CEN.html

Date: July 2018

Pages: 130

Price: US\$ 4,880.00 (Single User License)

ID: G958CE7A67CEN

Abstracts

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.

SCOPE OF THE REPORT:

This report focuses on the Biorefinery in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application. Successful market implementation of integrated biorefineries requires reliable processing units combined with environmentally acceptable and economically profitable production chains. Development and implementation of the biorefinery concept should include crop cultivation and the selection of crops that maximize full chain performance. Further biorefinery improvement is expected to generate more feedstocks, technologies, and coproducts, inevitably offering all kinds of economic opportunities. Research and development will speed up agricultural and rural development, increase industrial



development, and open existing and newly created markets. It can be foreseen, however, that biorefinery technologies will develop gradually over time, because the more fractions are obtained the more markets should be served. All these markets dictate that raw materials and intermediates are available at a rather constant supply and therefore prices. The built up of this raw material supply will take time. Biorefineries can provide a significant contribution to sustainable development, generating added value to sustainable biomass use and producing a range of biobased products (food, feed, materials, chemicals, fuels, power, and/or heat) at the same time. This requires optimal biomass conversion efficiency, thus minimizing feedstock requirements while at the same time strengthening economic viability of (e.g., agriculture, forestry, chemical and energy) market sectors. As biomass availability is limited, it should be used efficiently, effectively producing materials and energy in multipurpose biorefineries. The perceived conflict between energy and food production can be allayed by developing technologies based on lignocellulosic materials but it was discussed before that this currently results in a much higher BCI. Biorefining requires further innovation but offers opportunities to all economic sectors. Building a biobased economy can help to overcome present difficulties while laying the foundation of an environmentally benign industry.

One of the key prerequisites of a successful biorefinery is to invite key stakeholders from separate backgrounds (agriculture/forestry, transportation fuels, chemicals, energy, etc.) to discuss common processing topics, foster necessary R&D trajectories and stimulate deployment of developed technologies in multi-disciplinary partnerships. Optimal economic and environmental performance can be further guaranteed by linking the most promising biobased products, that is, food, feed, (fiber-based) added-value materials and (functionalized and platform) chemicals with bioenergy production.

The worldwide market for Biorefinery is expected to grow at a CAGR of roughly xx% over the next five years, will reach xx million US\$ in 2023, from xx million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

Abengoa Bioenergy Corp

Pacific Ethanol

Neste Oil OYJ

Renewable Energy Group Inc



UOP LLC

Valero Energy Corp

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Biochemical

Thermochemical

Market Segment by Applications, can be divided into

Bulk chemicals

Biomaterial

Biofuel

Pharmaceuticals and food additives

There are 15 Chapters to deeply display the global Biorefinery market.



Chapter 1, to describe Biorefinery Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Biorefinery, with sales, revenue, and price of Biorefinery, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Biorefinery, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, Biorefinery market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Biorefinery sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source



Contents

1 MARKET OVERVIEW

- 1.1 Biorefinery Introduction
- 1.2 Market Analysis by Type
 - 1.2.1 Biochemical
 - 1.2.2 Thermochemical
- 1.3 Market Analysis by Applications
 - 1.3.1 Bulk chemicals
 - 1.3.2 Biomaterial
 - 1.3.3 Biofuel
 - 1.3.4 Pharmaceuticals and food additives
- 1.4 Market Analysis by Regions
 - 1.4.1 North America (United States, Canada and Mexico)
 - 1.4.1.1 United States Market States and Outlook (2013-2023)
 - 1.4.1.2 Canada Market States and Outlook (2013-2023)
 - 1.4.1.3 Mexico Market States and Outlook (2013-2023)
 - 1.4.2 Europe (Germany, France, UK, Russia and Italy)
 - 1.4.2.1 Germany Market States and Outlook (2013-2023)
 - 1.4.2.2 France Market States and Outlook (2013-2023)
 - 1.4.2.3 UK Market States and Outlook (2013-2023)
 - 1.4.2.4 Russia Market States and Outlook (2013-2023)
 - 1.4.2.5 Italy Market States and Outlook (2013-2023)
 - 1.4.3 Asia-Pacific (China, Japan, Korea, India and Southeast Asia)
 - 1.4.3.1 China Market States and Outlook (2013-2023)
 - 1.4.3.2 Japan Market States and Outlook (2013-2023)
 - 1.4.3.3 Korea Market States and Outlook (2013-2023)
 - 1.4.3.4 India Market States and Outlook (2013-2023)
 - 1.4.3.5 Southeast Asia Market States and Outlook (2013-2023)
 - 1.4.4 South America, Middle East and Africa
 - 1.4.4.1 Brazil Market States and Outlook (2013-2023)
 - 1.4.4.2 Egypt Market States and Outlook (2013-2023)
 - 1.4.4.3 Saudi Arabia Market States and Outlook (2013-2023)
 - 1.4.4.4 South Africa Market States and Outlook (2013-2023)
 - 1.4.4.5 Nigeria Market States and Outlook (2013-2023)
- 1.5 Market Dynamics
 - 1.5.1 Market Opportunities
 - 1.5.2 Market Risk



1.5.3 Market Driving Force

2 MANUFACTURERS PROFILES

- 2.1 Abengoa Bioenergy Corp
 - 2.1.1 Business Overview
 - 2.1.1.1 Abengoa Bioenergy Corp Description
 - 2.1.1.2 Abengoa Bioenergy Corp Headquarter, Main Business and Finance Overview
 - 2.1.2 Abengoa Bioenergy Corp Biorefinery Product Introduction
 - 2.1.2.1 Biorefinery Production Bases, Sales Regions and Major Competitors
 - 2.1.2.2 Biorefinery Product Information
- 2.1.3 Abengoa Bioenergy Corp Biorefinery Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
- 2.1.3.1 Abengoa Bioenergy Corp Biorefinery Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.1.3.2 Global Abengoa Bioenergy Corp Biorefinery Market Share in 2017
- 2.2 Pacific Ethanol
 - 2.2.1 Business Overview
 - 2.2.1.1 Pacific Ethanol Description
 - 2.2.1.2 Pacific Ethanol Headquarter, Main Business and Finance Overview
 - 2.2.2 Pacific Ethanol Biorefinery Product Introduction
 - 2.2.2.1 Biorefinery Production Bases, Sales Regions and Major Competitors
 - 2.2.2.2 Biorefinery Product Information
- 2.2.3 Pacific Ethanol Biorefinery Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
- 2.2.3.1 Pacific Ethanol Biorefinery Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.2.3.2 Global Pacific Ethanol Biorefinery Market Share in 2017
- 2.3 Neste Oil OYJ
 - 2.3.1 Business Overview
 - 2.3.1.1 Neste Oil OYJ Description
 - 2.3.1.2 Neste Oil OYJ Headquarter, Main Business and Finance Overview
 - 2.3.2 Neste Oil OYJ Biorefinery Product Introduction
 - 2.3.2.1 Biorefinery Production Bases, Sales Regions and Major Competitors
 - 2.3.2.2 Biorefinery Product Information
- 2.3.3 Neste Oil OYJ Biorefinery Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
- 2.3.3.1 Neste Oil OYJ Biorefinery Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)



- 2.3.3.2 Global Neste Oil OYJ Biorefinery Market Share in 2017
- 2.4 Renewable Energy Group Inc
 - 2.4.1 Business Overview
 - 2.4.1.1 Renewable Energy Group Inc Description
- 2.4.1.2 Renewable Energy Group Inc Headquarter, Main Business and Finance Overview
 - 2.4.2 Renewable Energy Group Inc Biorefinery Product Introduction
 - 2.4.2.1 Biorefinery Production Bases, Sales Regions and Major Competitors
 - 2.4.2.2 Biorefinery Product Information
- 2.4.3 Renewable Energy Group Inc Biorefinery Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
- 2.4.3.1 Renewable Energy Group Inc Biorefinery Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
- 2.4.3.2 Global Renewable Energy Group Inc Biorefinery Market Share in 2017 2.5 UOP LLC
 - 2.5.1 Business Overview
 - 2.5.1.1 UOP LLC Description
 - 2.5.1.2 UOP LLC Headquarter, Main Business and Finance Overview
 - 2.5.2 UOP LLC Biorefinery Product Introduction
 - 2.5.2.1 Biorefinery Production Bases, Sales Regions and Major Competitors
 - 2.5.2.2 Biorefinery Product Information
- 2.5.3 UOP LLC Biorefinery Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
- 2.5.3.1 UOP LLC Biorefinery Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.5.3.2 Global UOP LLC Biorefinery Market Share in 2017
- 2.6 Valero Energy Corp
 - 2.6.1 Business Overview
 - 2.6.1.1 Valero Energy Corp Description
 - 2.6.1.2 Valero Energy Corp Headquarter, Main Business and Finance Overview
 - 2.6.2 Valero Energy Corp Biorefinery Product Introduction
 - 2.6.2.1 Biorefinery Production Bases, Sales Regions and Major Competitors
 - 2.6.2.2 Biorefinery Product Information
- 2.6.3 Valero Energy Corp Biorefinery Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
- 2.6.3.1 Valero Energy Corp Biorefinery Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.6.3.2 Global Valero Energy Corp Biorefinery Market Share in 2017



3 GLOBAL BIOREFINERY MARKET COMPETITION, BY MANUFACTURER

- 3.1 Global Biorefinery Sales and Market Share by Manufacturer (2016-2017)
- 3.2 Global Biorefinery Revenue and Market Share by Manufacturer (2016-2017)
- 3.3 Global Biorefinery Price by Manufacturer (2016-2017)
- 3.4 Market Concentration Rate
 - 3.4.1 Top 3 Biorefinery Manufacturer Market Share in 2017
 - 3.4.2 Top 5 Biorefinery Manufacturer Market Share in 2017
- 3.5 Market Competition Trend

4 GLOBAL BIOREFINERY MARKET ANALYSIS BY REGIONS

- 4.1 Global Biorefinery Sales, Revenue and Market Share by Regions
 - 4.1.1 Global Biorefinery Sales by Regions (2013-2018)
 - 4.1.2 Global Biorefinery Revenue by Regions (2013-2018)
- 4.2 North America Biorefinery Sales, Revenue and Growth Rate (2013-2018)
- 4.3 Europe Biorefinery Sales, Revenue and Growth Rate (2013-2018)
- 4.4 Asia-Pacific Biorefinery Sales, Revenue and Growth Rate (2013-2018)
- 4.5 South America Biorefinery Sales, Revenue and Growth Rate (2013-2018)
- 4.6 Middle East and Africa Biorefinery Sales, Revenue and Growth Rate (2013-2018)

5 NORTH AMERICA BIOREFINERY BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

- 5.1 North America Biorefinery Sales, Revenue and Market Share by Countries
 - 5.1.1 North America Biorefinery Sales by Countries (2013-2018)
 - 5.1.2 North America Biorefinery Revenue by Countries (2013-2018)
 - 5.1.3 United States Biorefinery Sales and Growth Rate (2013-2018)
 - 5.1.4 Canada Biorefinery Sales and Growth Rate (2013-2018)
 - 5.1.5 Mexico Biorefinery Sales and Growth Rate (2013-2018)
- 5.2 North America Biorefinery Sales and Revenue (Value) by Manufacturers (2016-2017)
 - 5.2.1 North America Biorefinery Sales by Manufacturers (2016-2017)
 - 5.2.2 North America Biorefinery Revenue by Manufacturers (2016-2017)
- 5.3 North America Biorefinery Sales, Revenue and Market Share by Type (2013-2018)
 - 5.3.1 North America Biorefinery Sales and Sales Share by Type (2013-2018)
 - 5.3.2 North America Biorefinery Revenue and Revenue Share by Type (2013-2018)
- 5.4 North America Biorefinery Sales, Revenue and Market Share by Application (2013-2018)



- 5.4.1 North America Biorefinery Sales and Sales Share by Application (2013-2018)
- 5.4.2 North America Biorefinery Revenue and Revenue Share by Application (2013-2018)

6 EUROPE BIOREFINERY BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

- 6.1 Europe Biorefinery Sales, Revenue and Market Share by Countries
 - 6.1.1 Europe Biorefinery Sales by Countries (2013-2018)
 - 6.1.2 Europe Biorefinery Revenue by Countries (2013-2018)
 - 6.1.3 Germany Biorefinery Sales and Growth Rate (2013-2018)
 - 6.1.4 UK Biorefinery Sales and Growth Rate (2013-2018)
 - 6.1.5 France Biorefinery Sales and Growth Rate (2013-2018)
 - 6.1.6 Russia Biorefinery Sales and Growth Rate (2013-2018)
 - 6.1.7 Italy Biorefinery Sales and Growth Rate (2013-2018)
- 6.2 Europe Biorefinery Sales and Revenue (Value) by Manufacturers (2016-2017)
 - 6.2.1 Europe Biorefinery Sales by Manufacturers (2016-2017)
 - 6.2.2 Europe Biorefinery Revenue by Manufacturers (2016-2017)
- 6.3 Europe Biorefinery Sales, Revenue and Market Share by Type (2013-2018)
 - 6.3.1 Europe Biorefinery Sales and Sales Share by Type (2013-2018)
 - 6.3.2 Europe Biorefinery Revenue and Revenue Share by Type (2013-2018)
- 6.4 Europe Biorefinery Sales, Revenue and Market Share by Application (2013-2018)
 - 6.4.1 Europe Biorefinery Sales and Sales Share by Application (2013-2018)
 - 6.4.2 Europe Biorefinery Revenue and Revenue Share by Application (2013-2018)

7 ASIA-PACIFIC BIOREFINERY BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

- 7.1 Asia-Pacific Biorefinery Sales, Revenue and Market Share by Countries
 - 7.1.1 Asia-Pacific Biorefinery Sales by Countries (2013-2018)
 - 7.1.2 Asia-Pacific Biorefinery Revenue by Countries (2013-2018)
 - 7.1.3 China Biorefinery Sales and Growth Rate (2013-2018)
 - 7.1.4 Japan Biorefinery Sales and Growth Rate (2013-2018)
 - 7.1.5 Korea Biorefinery Sales and Growth Rate (2013-2018)
 - 7.1.6 India Biorefinery Sales and Growth Rate (2013-2018)
 - 7.1.7 Southeast Asia Biorefinery Sales and Growth Rate (2013-2018)
- 7.2 Asia-Pacific Biorefinery Sales and Revenue (Value) by Manufacturers (2016-2017)
- 7.2.1 Asia-Pacific Biorefinery Sales by Manufacturers (2016-2017)
- 7.2.2 Asia-Pacific Biorefinery Revenue by Manufacturers (2016-2017)



- 7.3 Asia-Pacific Biorefinery Sales, Revenue and Market Share by Type (2013-2018)
 - 7.3.1 Asia-Pacific Biorefinery Sales and Sales Share by Type (2013-2018)
 - 7.3.2 Asia-Pacific Biorefinery Revenue and Revenue Share by Type (2013-2018)
- 7.4 Asia-Pacific Biorefinery Sales, Revenue and Market Share by Application (2013-2018)
- 7.4.1 Asia-Pacific Biorefinery Sales and Sales Share by Application (2013-2018)
- 7.4.2 Asia-Pacific Biorefinery Revenue and Revenue Share by Application (2013-2018)

8 SOUTH AMERICA BIOREFINERY BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

- 8.1 South America Biorefinery Sales, Revenue and Market Share by Countries
 - 8.1.1 South America Biorefinery Sales by Countries (2013-2018)
 - 8.1.2 South America Biorefinery Revenue by Countries (2013-2018)
 - 8.1.3 Brazil Biorefinery Sales and Growth Rate (2013-2018)
 - 8.1.4 Argentina Biorefinery Sales and Growth Rate (2013-2018)
 - 8.1.5 Colombia Biorefinery Sales and Growth Rate (2013-2018)
- 8.2 South America Biorefinery Sales and Revenue (Value) by Manufacturers (2016-2017)
- 8.2.1 South America Biorefinery Sales by Manufacturers (2016-2017)
- 8.2.2 South America Biorefinery Revenue by Manufacturers (2016-2017)
- 8.3 South America Biorefinery Sales, Revenue and Market Share by Type (2013-2018)
 - 8.3.1 South America Biorefinery Sales and Sales Share by Type (2013-2018)
 - 8.3.2 South America Biorefinery Revenue and Revenue Share by Type (2013-2018)
- 8.4 South America Biorefinery Sales, Revenue and Market Share by Application (2013-2018)
 - 8.4.1 South America Biorefinery Sales and Sales Share by Application (2013-2018)
- 8.4.2 South America Biorefinery Revenue and Revenue Share by Application (2013-2018)

9 MIDDLE EAST AND AFRICA BIOREFINERY BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

- 9.1 Middle East and Africa Biorefinery Sales, Revenue and Market Share by Countries
 - 9.1.1 Middle East and Africa Biorefinery Sales by Countries (2013-2018)
 - 9.1.2 Middle East and Africa Biorefinery Revenue by Countries (2013-2018)
 - 9.1.3 Saudi Arabia Biorefinery Sales and Growth Rate (2013-2018)
 - 9.1.4 UAE Biorefinery Sales and Growth Rate (2013-2018)



- 9.1.5 Egypt Biorefinery Sales and Growth Rate (2013-2018)
- 9.1.6 Nigeria Biorefinery Sales and Growth Rate (2013-2018)
- 9.1.7 South Africa Biorefinery Sales and Growth Rate (2013-2018)
- 9.2 Middle East and Africa Biorefinery Sales and Revenue (Value) by Manufacturers (2016-2017)
- 9.2.1 Middle East and Africa Biorefinery Sales by Manufacturers (2016-2017)
- 9.2.2 Middle East and Africa Biorefinery Revenue by Manufacturers (2016-2017)
- 9.3 Middle East and Africa Biorefinery Sales, Revenue and Market Share by Type (2013-2018)
 - 9.3.1 Middle East and Africa Biorefinery Sales and Sales Share by Type (2013-2018)
- 9.3.1 Middle East and Africa Biorefinery Revenue and Revenue Share by Type (2013-2018)
- 9.4 Middle East and Africa Biorefinery Sales, Revenue and Market Share by Application (2013-2018)
- 9.4.1 Middle East and Africa Biorefinery Sales and Sales Share by Application (2013-2018)
- 9.4.2 Middle East and Africa Biorefinery Revenue and Revenue Share by Application (2013-2018)

10 GLOBAL BIOREFINERY MARKET SEGMENT BY TYPE

- 10.1 Global Biorefinery Sales, Revenue and Market Share by Type (2013-2018)
- 10.1.1 Global Biorefinery Sales and Market Share by Type (2013-2018)
- 10.1.2 Global Biorefinery Revenue and Market Share by Type (2013-2018)
- 10.2 Biochemical Sales Growth and Price
 - 10.2.1 Global Biochemical Sales Growth (2013-2018)
 - 10.2.2 Global Biochemical Price (2013-2018)
- 10.3 Thermochemical Sales Growth and Price
 - 10.3.1 Global Thermochemical Sales Growth (2013-2018)
 - 10.3.2 Global Thermochemical Price (2013-2018)

11 GLOBAL BIOREFINERY MARKET SEGMENT BY APPLICATION

- 11.1 Global Biorefinery Sales Market Share by Application (2013-2018)
- 11.2 Bulk chemicals Sales Growth (2013-2018)
- 11.3 Biomaterial Sales Growth (2013-2018)
- 11.4 Biofuel Sales Growth (2013-2018)
- 11.5 Pharmaceuticals and food additives Sales Growth (2013-2018)



12 BIOREFINERY MARKET FORECAST (2018-2023)

- 12.1 Global Biorefinery Sales, Revenue and Growth Rate (2018-2023)
- 12.2 Biorefinery Market Forecast by Regions (2018-2023)
 - 12.2.1 North America Biorefinery Market Forecast (2018-2023)
 - 12.2.2 Europe Biorefinery Market Forecast (2018-2023)
 - 12.2.3 Asia-Pacific Biorefinery Market Forecast (2018-2023)
 - 12.2.4 South America Biorefinery Market Forecast (2018-2023)
 - 12.2.5 Middle East and Africa Biorefinery Market Forecast (2018-2023)
- 12.3 Biorefinery Market Forecast by Type (2018-2023)
 - 12.3.1 Global Biorefinery Sales Forecast by Type (2018-2023)
 - 12.3.2 Global Biorefinery Market Share Forecast by Type (2018-2023)
- 12.4 Biorefinery Market Forecast by Application (2018-2023)
 - 12.4.1 Global Biorefinery Sales Forecast by Application (2018-2023)
 - 12.4.2 Global Biorefinery Market Share Forecast by Application (2018-2023)

13 SALES CHANNEL, DISTRIBUTORS, TRADERS AND DEALERS

- 13.1 Sales Channel
 - 13.1.1 Direct Marketing
 - 13.1.2 Indirect Marketing
 - 13.1.3 Marketing Channel Future Trend
- 13.2 Distributors, Traders and Dealers

14 RESEARCH FINDINGS AND CONCLUSION

15 APPENDIX

- 15.1 Methodology
- 15.2 Data Source



List Of Tables

LIST OF TABLES AND FIGURES

Figure Biorefinery Picture

Table Product Specifications of Biorefinery

Figure Global Biorefinery CAGR (%), Y-o-Y Growth (&) and Market Size, 2013-2023 (USD Million)

Figure Global Biorefinery CAGR (%), Y-o-Y Growth (&) and Market Size, 2013-2023 (Sales)

Figure Global Sales Market Share of Biorefinery by Types in 2017

Figure Biochemical Picture

Table Major Manufacturers of Biochemical

Figure Thermochemical Picture

Table Major Manufacturers of Thermochemical

Figure Biorefinery Sales Market Share by Applications in 2017

Figure Bulk chemicals Picture

Figure Biomaterial Picture

Figure Biofuel Picture

Figure Pharmaceuticals and food additives Picture

Figure United States Biorefinery Revenue (Value) and Growth Rate (2013-2023)

Figure Canada Biorefinery Revenue (Value) and Growth Rate (2013-2023)

Figure Mexico Biorefinery Revenue (Value) and Growth Rate (2013-2023)

Figure Germany Biorefinery Revenue (Value) and Growth Rate (2013-2023)

Figure France Biorefinery Revenue (Value) and Growth Rate (2013-2023)

Figure UK Biorefinery Revenue (Value) and Growth Rate (2013-2023)

Figure Russia Biorefinery Revenue (Value) and Growth Rate (2013-2023)

Figure Italy Biorefinery Revenue (Value) and Growth Rate (2013-2023)

Figure China Biorefinery Revenue (Value) and Growth Rate (2013-2023)

Figure Japan Biorefinery Revenue (Value) and Growth Rate (2013-2023)

Figure Korea Biorefinery Revenue (Value) and Growth Rate (2013-2023)

Figure India Biorefinery Revenue (Value) and Growth Rate (2013-2023)

Figure Southeast Asia Biorefinery Revenue (Value) and Growth Rate (2013-2023)

Figure Brazil Biorefinery Revenue (Value) and Growth Rate (2013-2023)

Figure Egypt Biorefinery Revenue (Value) and Growth Rate (2013-2023)

Figure Saudi Arabia Biorefinery Revenue (Value) and Growth Rate (2013-2023)

Figure South Africa Biorefinery Revenue (Value) and Growth Rate (2013-2023)

Figure Nigeria Biorefinery Revenue (Value) and Growth Rate (2013-2023)

Table Abengoa Bioenergy Corp Headquarter, Established, Main Business and Finance



Overview (2017)

Table Abengoa Bioenergy Corp Biorefinery Production Bases, Sales Regions and Major Competitors

Table Abengoa Bioenergy Corp Biorefinery Product

Table Abengoa Bioenergy Corp Biorefinery Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Abengoa Bioenergy Corp Biorefinery Sales Market Share in 2017 Figure Global Abengoa Bioenergy Corp Biorefinery Revenue Market Share in 2017 Table Pacific Ethanol Headquarter, Established, Main Business and Finance Overview (2017)

Table Pacific Ethanol Biorefinery Production Bases, Sales Regions and Major Competitors

Table Pacific Ethanol Biorefinery Product

Table Pacific Ethanol Biorefinery Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Pacific Ethanol Biorefinery Sales Market Share in 2017

Figure Global Pacific Ethanol Biorefinery Revenue Market Share in 2017

Table Neste Oil OYJ Headquarter, Established, Main Business and Finance Overview (2017)

Table Neste Oil OYJ Biorefinery Production Bases, Sales Regions and Major Competitors

Table Neste Oil OYJ Biorefinery Product

Table Neste Oil OYJ Biorefinery Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Neste Oil OYJ Biorefinery Sales Market Share in 2017

Figure Global Neste Oil OYJ Biorefinery Revenue Market Share in 2017

Table Renewable Energy Group Inc Headquarter, Established, Main Business and Finance Overview (2017)

Table Renewable Energy Group Inc Biorefinery Production Bases, Sales Regions and Major Competitors

Table Renewable Energy Group Inc Biorefinery Product

Table Renewable Energy Group Inc Biorefinery Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Renewable Energy Group Inc Biorefinery Sales Market Share in 2017 Figure Global Renewable Energy Group Inc Biorefinery Revenue Market Share in 2017 Table UOP LLC Headquarter, Established, Main Business and Finance Overview (2017)

Table UOP LLC Biorefinery Production Bases, Sales Regions and Major Competitors Table UOP LLC Biorefinery Product



Table UOP LLC Biorefinery Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global UOP LLC Biorefinery Sales Market Share in 2017

Figure Global UOP LLC Biorefinery Revenue Market Share in 2017

Table Valero Energy Corp Headquarter, Established, Main Business and Finance Overview (2017)

Table Valero Energy Corp Biorefinery Production Bases, Sales Regions and Major Competitors

Table Valero Energy Corp Biorefinery Product

Table Valero Energy Corp Biorefinery Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Valero Energy Corp Biorefinery Sales Market Share in 2017

Figure Global Valero Energy Corp Biorefinery Revenue Market Share in 2017

Table Global Biorefinery Sales by Manufacturer (2016-2017)

Figure Global Biorefinery Sales Market Share by Manufacturer in 2016

Figure Global Biorefinery Sales Market Share by Manufacturer in 2017

Table Global Biorefinery Revenue by Manufacturer (2016-2017)

Figure Global Biorefinery Revenue Market Share by Manufacturer in 2016

Figure Global Biorefinery Revenue Market Share by Manufacturer in 2017

Table Global Biorefinery Price by Manufacturer (2016-2017)

Figure Top 3 Biorefinery Manufacturer (Revenue) Market Share in 2017

Figure Top 6 Biorefinery Manufacturer (Revenue) Market Share in 2017

Figure Global Biorefinery Sales and Growth Rate (2013-2018)

Figure Global Biorefinery Revenue and Growth Rate (2013-2018)

Table Global Biorefinery Sales by Regions (2013-2018)

Table Global Biorefinery Sales Market Share by Regions (2013-2018)

Table Global Biorefinery Revenue by Regions (2013-2018)

Figure Global Biorefinery Revenue Market Share by Regions in 2013

Figure Global Biorefinery Revenue Market Share by Regions in 2017

Figure North America Biorefinery Sales and Growth Rate (2013-2018)

Figure North America Biorefinery Revenue and Growth Rate (2013-2018)

Figure Europe Biorefinery Sales and Growth Rate (2013-2018)

Figure Europe Biorefinery Revenue and Growth Rate (2013-2018)

Figure Asia-Pacific Biorefinery Sales and Growth Rate (2013-2018)

Figure Asia-Pacific Biorefinery Revenue and Growth Rate (2013-2018)

Figure South America Biorefinery Sales and Growth Rate (2013-2018)

Figure South America Biorefinery Revenue and Growth Rate (2013-2018)

Figure Middle East and Africa Biorefinery Sales and Growth Rate (2013-2018)

Figure Middle East and Africa Biorefinery Revenue and Growth Rate (2013-2018)



Figure North America Biorefinery Revenue and Growth Rate (2013-2018)

Table North America Biorefinery Sales by Countries (2013-2018)

Table North America Biorefinery Sales Market Share by Countries (2013-2018)

Figure North America Biorefinery Sales Market Share by Countries in 2013

Figure North America Biorefinery Sales Market Share by Countries in 2017

Table North America Biorefinery Revenue by Countries (2013-2018)

Table North America Biorefinery Revenue Market Share by Countries (2013-2018)

Figure North America Biorefinery Revenue Market Share by Countries in 2013

Figure North America Biorefinery Revenue Market Share by Countries in 2017

Figure United States Biorefinery Sales and Growth Rate (2013-2018)

Figure Canada Biorefinery Sales and Growth Rate (2013-2018)

Figure Mexico Biorefinery Sales and Growth Rate (2013-2018)

Table North America Biorefinery Sales by Manufacturer (2016-2017)

Figure North America Biorefinery Sales Market Share by Manufacturer in 2016

Figure North America Biorefinery Sales Market Share by Manufacturer in 2017

Table North America Biorefinery Revenue by Manufacturer (2016-2017)

Figure North America Biorefinery Revenue Market Share by Manufacturer in 2016

Figure North America Biorefinery Revenue Market Share by Manufacturer in 2017

Table North America Biorefinery Sales by Type (2013-2018)

Table North America Biorefinery Sales Share by Type (2013-2018)

Table North America Biorefinery Revenue by Type (2013-2018)

Table North America Biorefinery Revenue Share by Type (2013-2018)

Table North America Biorefinery Sales by Application (2013-2018)

Table North America Biorefinery Sales Share by Application (2013-2018)

Table North America Biorefinery Revenue by Application (2013-2018)

Table North America Biorefinery Revenue Share by Application (2013-2018)

Figure Europe Biorefinery Revenue and Growth Rate (2013-2018)

Table Europe Biorefinery Sales by Countries (2013-2018)

Table Europe Biorefinery Sales Market Share by Countries (2013-2018)

Table Europe Biorefinery Revenue by Countries (2013-2018)

Figure Europe Biorefinery Revenue Market Share by Countries in 2016

Figure Europe Biorefinery Revenue Market Share by Countries in 2017

Figure Germany Biorefinery Sales and Growth Rate (2013-2018)

Figure UK Biorefinery Sales and Growth Rate (2013-2018)

Figure France Biorefinery Sales and Growth Rate (2013-2018)

Figure Russia Biorefinery Sales and Growth Rate (2013-2018)

Figure Italy Biorefinery Sales and Growth Rate (2013-2018)

Table Europe Biorefinery Sales by Manufacturer (2016-2017)

Figure Europe Biorefinery Sales Market Share by Manufacturer in 2016



Figure Europe Biorefinery Sales Market Share by Manufacturer in 2017

Table Europe Biorefinery Revenue by Manufacturer (2016-2017)

Figure Europe Biorefinery Revenue Market Share by Manufacturer in 2016

Figure Europe Biorefinery Revenue Market Share by Manufacturer in 2017

Table Europe Biorefinery Sales by Type (2013-2018)

Table Europe Biorefinery Sales Share by Type (2013-2018)

Table Europe Biorefinery Revenue by Type (2013-2018)

Table Europe Biorefinery Revenue Share by Type (2013-2018)

Table Europe Biorefinery Sales by Application (2013-2018)

Table Europe Biorefinery Sales Share by Application (2013-2018)

Table Europe Biorefinery Revenue by Application (2013-2018)

Table Europe Biorefinery Revenue Share by Application (2013-2018)

Figure Asia-Pacific Biorefinery Revenue and Growth Rate (2013-2018)

Table Asia-Pacific Biorefinery Sales by Countries (2013-2018)

Table Asia-Pacific Biorefinery Sales Market Share by Countries (2013-2018)

Figure Asia-Pacific Biorefinery Sales Market Share by Countries 2017

Table Asia-Pacific Biorefinery Revenue by Countries (2013-2018)

Figure Asia-Pacific Biorefinery Revenue Market Share by Countries 2017

Figure China Biorefinery Sales and Growth Rate (2013-2018)

Figure Japan Biorefinery Sales and Growth Rate (2013-2018)

Figure Korea Biorefinery Sales and Growth Rate (2013-2018)

Figure India Biorefinery Sales and Growth Rate (2013-2018)

Figure Southeast Asia Biorefinery Sales and Growth Rate (2013-2018)

Table Asia-Pacific Biorefinery Sales by Manufacturer (2016-2017)

Figure Asia-Pacific Biorefinery Sales Market Share by Manufacturer in 2016

Figure Asia-Pacific Biorefinery Sales Market Share by Manufacturer in 2017

Table Asia-Pacific Biorefinery Revenue by Manufacturer (2016-2017)

Figure Asia-Pacific Biorefinery Revenue Market Share by Manufacturer in 2016

Figure Asia-Pacific Biorefinery Revenue Market Share by Manufacturer in 2017

Table Asia-Pacific Biorefinery Sales by Type (2013-2018)

Table Asia-Pacific Biorefinery Sales Share by Type (2013-2018)

Table Asia-Pacific Biorefinery Revenue by Type (2013-2018)

Table Asia-Pacific Biorefinery Revenue Share by Type (2013-2018)

Table Asia-Pacific Biorefinery Sales by Application (2013-2018)

Table Asia-Pacific Biorefinery Sales Share by Application (2013-2018)

Table Asia-Pacific Biorefinery Revenue by Application (2013-2018)

Table Asia-Pacific Biorefinery Revenue Share by Application (2013-2018)

Figure South America Biorefinery Revenue and Growth Rate (2013-2018)

Table South America Biorefinery Sales by Countries (2013-2018)



Table South America Biorefinery Sales Market Share by Countries (2013-2018)

Figure South America Biorefinery Sales Market Share by Countries in 2017

Table South America Biorefinery Revenue by Countries (2013-2018)

Table South America Biorefinery Revenue Market Share by Countries (2013-2018)

Figure South America Biorefinery Revenue Market Share by Countries in 2017

Figure Brazil Biorefinery Sales and Growth Rate (2013-2018)

Figure Argentina Biorefinery Sales and Growth Rate (2013-2018)

Figure Colombia Biorefinery Sales and Growth Rate (2013-2018)

Table South America Biorefinery Sales by Manufacturer (2016-2017)

Figure South America Biorefinery Sales Market Share by Manufacturer in 2016

Figure South America Biorefinery Sales Market Share by Manufacturer in 2017

Table South America Biorefinery Revenue by Manufacturer (2016-2017)

Figure South America Biorefinery Revenue Market Share by Manufacturer in 2016

Figure South America Biorefinery Revenue Market Share by Manufacturer in 2017

Table South America Biorefinery Sales by Type (2013-2018)

Table South America Biorefinery Sales Share by Type (2013-2018)

Table South America Biorefinery Revenue by Type (2013-2018)

Table South America Biorefinery Revenue Share by Type (2013-2018)

Table South America Biorefinery Sales by Application (2013-2018)

Table South America Biorefinery Sales Share by Application (2013-2018)

Table South America Biorefinery Revenue by Application (2013-2018)

Table South America Biorefinery Revenue Share by Application (2013-2018)

Figure Middle East and Africa Biorefinery Revenue and Growth Rate (2013-2018)

Table Middle East and Africa Biorefinery Sales by Countries (2013-2018)

Table Middle East and Africa Biorefinery Sales Market Share by Countries (2013-2018)

Figure Middle East and Africa Biorefinery Sales Market Share by Countries in 2017

Table Middle East and Africa Biorefinery Revenue by Countries (2013-2018)

Table Middle East and Africa Biorefinery Revenue Market Share by Countries (2013-2018)

Figure Middle East and Africa Biorefinery Revenue Market Share by Countries in 2013

Figure Middle East and Africa Biorefinery Revenue Market Share by Countries in 2017

Figure Saudi Arabia Biorefinery Sales and Growth Rate (2013-2018)

Figure UAE Biorefinery Sales and Growth Rate (2013-2018)

Figure Egypt Biorefinery Sales and Growth Rate (2013-2018)

Figure Nigeria Biorefinery Sales and Growth Rate (2013-2018)

Figure South Africa Biorefinery Sales and Growth Rate (2013-2018)

Table Middle East and Africa Biorefinery Sales by Manufacturer (2016-2017)

Figure Middle East and Africa Biorefinery Sales Market Share by Manufacturer in 2016

Figure Middle East and Africa Biorefinery Sales Market Share by Manufacturer in 2017



Table Middle East and Africa Biorefinery Revenue by Manufacturer (2016-2017)

Figure Middle East and Africa Biorefinery Revenue Market Share by Manufacturer in 2016

Figure Middle East and Africa Biorefinery Revenue Market Share by Manufacturer in 2017

Table Middle East and Africa Biorefinery Sales by Type (2013-2018)

Table Middle East and Africa Biorefinery Sales Share by Type (2013-2018)

Table Middle East and Africa Biorefinery Revenue by Type (2013-2018)

Table Middle East and Africa Biorefinery Revenue Share by Type (2013-2018)

Table Middle East and Africa Biorefinery Sales by Application (2013-2018)

Table Middle East and Africa Biorefinery Sales Share by Application (2013-2018)

Table Middle East and Africa Biorefinery Revenue by Application (2013-2018)

Table Middle East and Africa Biorefinery Revenue Share by Application (2013-2018)

Table Global Biorefinery Sales by Type (2013-2018)

Table Global Biorefinery Sales Share by Type (2013-2018)

Table Global Biorefinery Revenue by Type (2013-2018)

Table Global Biorefinery Revenue Share by Type (2013-2018)

Figure Global Biochemical Sales Growth (2013-2018)

Figure Global Biochemical Price (2013-2018)

Figure Global Thermochemical Sales Growth (2013-2018)

Figure Global Thermochemical Price (2013-2018)

Table Global Biorefinery Sales by Application (2013-2018)

Table Global Biorefinery Sales Share by Application (2013-2018)

Figure Global Bulk chemicals Sales Growth (2013-2018)

Figure Global Biomaterial Sales Growth (2013-2018)

Figure Global Biofuel Sales Growth (2013-2018)

Figure Global Pharmaceuticals and food additives Sales Growth (2013-2018)

Figure Global Biorefinery Sales, Revenue and Growth Rate (2018-2023)

Table Global Biorefinery Sales Forecast by Regions (2018-2023)

Table Global Biorefinery Market Share Forecast by Regions (2018-2023)

Figure North America Sales Biorefinery Market Forecast (2018-2023)

Figure Europe Sales Biorefinery Market Forecast (2018-2023)

Figure Asia-Pacific Sales Biorefinery Market Forecast (2018-2023)

Figure South America Sales Biorefinery Market Forecast (2018-2023)

Figure Middle East and Africa Sales Biorefinery Market Forecast (2018-2023)

Table Global Biorefinery Sales Forecast by Type (2018-2023)

Table Global Biorefinery Market Share Forecast by Type (2018-2023)

Table Global Biorefinery Sales Forecast by Application (2018-2023)

Table Global Biorefinery Market Share Forecast by Application (2018-2023)



Table Distributors/Traders/ Dealers List



I would like to order

Product name: Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa)

Biorefinery Market 2018, Forecast to 2023

Product link: https://marketpublishers.com/r/G958CE7A67CEN.html

Price: US\$ 4,880.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer

Service:

info@marketpublishers.com

Payment

First name:

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/G958CE7A67CEN.html

To pay by Wire Transfer, please, fill in your contact details in the form below:

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 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



