

Bioethanol Market by Raw Material (Grains, Sugarcane, Industrial Beets, and Others), Type (Corn-based, Sugarcane-based, Cellulosic Ethanol, and Others), Blend (E10, E20 & E25, E70 & 75, E85, and Others), Generation (First, Second, Third Generation), Application (Transportation, Power Generation, Medical, and Others) - Global Opportunity Analysis and Industry Forecast, 2014-2022

<https://marketpublishers.com/r/BF029736EF2EN.html>

Date: March 2017

Pages: 210

Price: US\$ 5,370.00 (Single User License)

ID: BF029736EF2EN

Abstracts

The global bioethanol market was valued at \$5,652 million in 2015, and is expected to reach \$9,544 million by 2022, growing at a CAGR of 7.6% from 2016 to 2022.

Bioethanol is ethanol produced from plants such as corn, sugarcane, switchgrass, miscanthus, algae, and several others. It is a clean renewable source of energy and does not pose any harm to the environment, significantly contributing to the reduction of greenhouse gases.

The factors that drives the bioethanol market growth are increase in demand and production from Asia-Pacific, rise in environmental concerns, the need to lower greenhouse gas (GHG) emissions, and blending mandates posed by regulatory bodies. The major restraint that hinders the growth is the high investment and production cost of cellulosic ethanol. In addition, the food & fuel debate is expected to affect the growth of market. The development of second- & third-generation biofuels is expected to provide numerous growth opportunities for market expansion.

The global bioethanol market is segmented based on the raw material, type, blend, generation, application, and geography. On the basis of raw material, it is classified into grains, sugarcane, industrial beets, and others that include algae, wheat, sorghum, and several others. Based on type, it is categorized into corn-based (wet milling & dry

milling), sugarcane-based, cellulosic ethanol, and others. On the basis of blend, it is segmented into E10, E20 & E25, E70 & E75, E85, and others. Based on generation, it is divided into first-, second-, and third generation bioethanol. Based on application, it is classified into transportation, power generation, medical, and others that include industrial applications. Geographically, it is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

Key players operating in the bioethanol market include:

E. I. du Pont de Nemours and Company

POET LLC.

Valero Renewable Fuels Company LLC.

BP plc.

CropEnergies AG

Archer Daniels Midland Company

Abengoa Bioenergy

BlueFire Ethanol Fuels Inc.

Petrobras

Royal Dutch Shell plc.

KEY BENEFITS FOR STAKEHOLDERS

This report provides a detailed quantitative analysis of the current trends and future estimations from 2014 to 2022 of the global bioethanol market, which assist to identify the prevailing market opportunities.

In-depth coverage of the market, including drivers, restraints, and opportunities, aids professionals to understand the market behavior in an efficient manner.

Detailed analysis of the strategies adopted by the key leaders, such as

partnerships and acquisitions, is provided.

Porter's Five Forces analysis examines the competitive structure of the market and assists strategists in better decision-making.

Pinpoint analysis of geographical segments facilitates to identify opportunities for growth within the market.

KEY MARKET SEGMENTS

By Raw Material

Grains

Sugarcane

Industrial Beets

Others

By Type

Corn-based Ethanol

Wet Milling

Dry Milling

Sugarcane-based Ethanol

Cellulosic Ethanol

Others

By Blend

E10

E20 & E25

E70 & E75

E85

Others

By Generation

First Generation

Second Generation

Third Generation

By Application

Transportation

Power Generation

Medical

Others

By Geography

North America

U.S.

Canada

Mexico

Europe

Germany

UK

Turkey

France

Russia

Rest of Europe

Asia-Pacific

China

Japan

Korea

India

Rest of Asia-Pacific

LAMEA

Brazil

Argentina

UAE

Qatar

Rest of LAMEA

Other significant market players are as follows:

Green Plains Renewable Energy, Inc.

Absolute Energy, LLC.

Aemetis, Inc.

The Andersons, Inc.

Flint Hills Resources

Cargill Inc.

Myriant Corporation

Fulcrum BioEnergy Inc.

Cool Planet Energy Systems Inc.

BioAmber Inc.

(The above companies are not profiled but can be done on client request)

Contents

CHAPTER 1 INTRODUCTION

- 1.1. REPORT DESCRIPTION
- 1.2. KEY BENEFITS FOR STAKEHOLDERS
- 1.3. KEY MARKET SEGMENTS
- 1.4. RESEARCH METHODOLOGY
 - 1.4.1. Secondary research
 - 1.4.2. Primary research
 - 1.4.3. Analyst tools and models

CHAPTER 2 EXECUTIVE SUMMARY

- 2.1. CXO PERSPECTIVE

CHAPTER 3 MARKET OVERVIEW

- 3.1. MARKET DEFINITION AND SCOPE
- 3.2. KEY FINDINGS
 - 3.2.1. Top Investment Pockets, By Function
 - 3.2.2. Top Winning Strategies
 - 3.2.3. Top Player Positioning
- 3.3. MARKET DYNAMICS
 - 3.3.1. Drivers
 - 3.3.1.1. Rising environmental concerns and the need to reduce GHG emissions
 - 3.3.1.2. Blending mandates by regulatory bodies
 - 3.3.1.3. Abundant raw material availability
 - 3.3.1.4. Government support in the form of schemes, funding, investment, and tax incentives
 - 3.3.1.5. Rising demand from Asia-Pacific region
 - 3.3.2. Restraints
 - 3.3.2.1. Food Vs Fuel Debate
 - 3.3.3. Opportunities
 - 3.3.3.1. Development of second and third generation bioethanol
- 3.4. REGULATION ANALYSIS
- 3.5. PATENT ANALYSIS
 - 3.5.1. Patent Analysis by Year, 2012-2016
 - 3.5.2. Patent Analysis by Geography

- 3.5.3. Patent Analysis by Company
- 3.6. PORTERS FIVE FORCES ANALYSIS
 - 3.6.1. Bargaining Power of Suppliers
 - 3.6.2. Bargaining Power of Buyers
 - 3.6.3. Threat of New Entrants
 - 3.6.4. Threat of Substitution
 - 3.6.5. Intensity of Competitive Rivalry

CHAPTER 4 BIOETHANOL MARKET, BY RAW MATERIAL

- 4.1. OVERVIEW
 - 4.1.1. Market Size and Forecast
- 4.2. GRAINS
 - 4.2.1. Key Market Trends, Growth Factors, and Opportunities
 - 4.2.2. Market Size and Forecast
- 4.3. SUGARCANE
 - 4.3.1. Key Market Trends, Growth Factors, and Opportunities
 - 4.3.2. Market Size and Forecast
- 4.4. INDUSTRIAL BEETS
 - 4.4.1. Key Market Trends, Growth Factors, and Opportunities
 - 4.4.2. Market Size and Forecast
- 4.5. OTHERS
 - 4.5.1. Key Market Trends, Growth Factors, and Opportunities
 - 4.5.2. Market Size and Forecast

CHAPTER 5 BIOETHANOL MARKET, BY TYPE

- 5.1. OVERVIEW
 - 5.1.1. Market Size and Forecast
- 5.2. CORN-BASED ETHANOL
 - 5.2.1. Wet Milling
 - 5.2.2. Dry Milling
 - 5.2.3. Key Market Trends, Growth Factors, and Opportunities
 - 5.2.4. Market Size and Forecast
- 5.3. SUGARCANE-BASED ETHANOL
 - 5.3.1. Key Market Trends, Growth Factors, and Opportunities
 - 5.3.2. Market Size and Forecast
- 5.4. CELLULOSIC ETHANOL
 - 5.4.1. Key Market Trends, Growth Factors, and Opportunities

5.4.2. Market Size and Forecast

5.5. OTHERS

5.5.1. Key Market Trends, Growth Factors, and Opportunities

5.5.2. Market Size and Forecast

CHAPTER 6 BIOETHANOL MARKET, BY BLEND

6.1. OVERVIEW

6.1.1. Market Size and Forecast

6.2. E10

6.2.1. Key Market Trends, Growth Factors, and Opportunities

6.2.2. Market Size and Forecast

6.3. E20 & E25

6.3.1. Key Market Trends, Growth Factors, and Opportunities

6.3.2. Market Size and Forecast

6.4. E70 & E75

6.4.1. Key Market Trends, Growth Factors, and Opportunities

6.4.2. Market Size and Forecast

6.5. E85

6.5.1. Key Market Trends, Growth Factors, and Opportunities

6.5.2. Market Size and Forecast

6.6. OTHERS

6.6.1. Key Market Trends, Growth Factors, and Opportunities

6.6.2. Market Size and Forecast

CHAPTER 7 BIOETHANOL MARKET, BY GENERATION

7.1. OVERVIEW

7.1.1. Market Size and Forecast

7.2. FIRST GENERATION

7.2.1. Key Market Trends, Growth Factors, and Opportunities

7.2.2. Market Size and Forecast

7.3. SECOND GENERATION

7.3.1. Key Market Trends, Growth Factors, and Opportunities

7.3.2. Market Size and Forecast

7.4. THIRD GENERATION

7.4.1. Key Market Trends, Growth Factors, and Opportunities

7.4.2. Market Size and Forecast

CHAPTER 8 BIOETHANOL MARKET, BY APPLICATION

8.1. OVERVIEW

8.1.1. Market Size and Forecast

8.2. TRANSPORTATION

8.2.1. Key Market Trends, Growth Factors, and Opportunities

8.2.2. Market Size and Forecast

8.3. POWER GENERATION

8.3.1. Key Market Trends, Growth Factors, and Opportunities

8.3.2. Market Size and Forecast

8.4. MEDICAL

8.4.1. Key Market Trends, Growth Factors, and Opportunities

8.4.2. Market Size and Forecast

8.5. OTHERS

8.5.1. Key Market Trends, Growth Factors, and Opportunities

8.5.2. Market Size and Forecast

CHAPTER 9 BIOETHANOL MARKET, BY GEOGRAPHY

9.1. OVERVIEW

9.1.1. Market Size and Forecast

9.2. NORTH AMERICA

9.2.1. Key Market Trends, Growth Factors, and Opportunities

9.2.2. Market Size and Forecast

9.2.3. U.S.

9.2.3.1. Market Size and Forecast

9.2.4. Canada

9.2.4.1. Market Size and Forecast

9.2.5. Mexico

9.2.5.1. Market Size and Forecast

9.3. EUROPE

9.3.1. Key Market Trends, Growth Factors, and Opportunities

9.3.2. Market Size and Forecast

9.3.3. Belgium

9.3.3.1. Market Size and Forecast

9.3.4. Germany

9.3.4.1. Market Size and Forecast

9.3.5. France

9.3.5.1. Market Size and Forecast

- 9.3.6. Italy
 - 9.3.6.1. Market Size and Forecast
- 9.3.7. Spain
 - 9.3.7.1. Market Size and Forecast
- 9.3.8. Rest of Europe
 - 9.3.8.1. Market Size and Forecast
- 9.4. ASIA-PACIFIC
 - 9.4.1. Key Market Trends, Growth Factors, and Opportunities
 - 9.4.2. Market Size and Forecast
 - 9.4.3. China
 - 9.4.3.1. Market Size and Forecast
 - 9.4.4. Thailand
 - 9.4.4.1. Market Size and Forecast
 - 9.4.5. India
 - 9.4.5.1. Market Size and Forecast
 - 9.4.6. Rest of Asia-Pacific
 - 9.4.6.1. Market Size and Forecast
- 9.5. LAMEA
 - 9.5.1. Key Market Trends, Growth Factors, and Opportunities
 - 9.5.2. Market Size and Forecast
 - 9.5.3. Brazil
 - 9.5.3.1. Market Size and Forecast
 - 9.5.4. Argentina
 - 9.5.4.1. Market Size and Forecast
 - 9.5.5. South Africa
 - 9.5.5.1. Market Size and Forecast
 - 9.5.6. Rest of LAMEA
 - 9.5.6.1. Market Size and Forecast

CHAPTER 10 COMPANY PROFILES

- 10.1. ABENGOA BIOENERGY
 - 10.1.1. Company overview
 - 10.1.2. Operating business segments
 - 10.1.3. Business performance
 - 10.1.4. Key strategies and developments
- 10.2. ARCHER DANIELS MIDLAND COMPANY
 - 10.2.1. Company overview
 - 10.2.2. Operating business segments

- 10.2.3. Business performance
- 10.2.4. Key strategies and developments
- 10.3. BP PLC
 - 10.3.1. Company overview
 - 10.3.2. Operating business segments
 - 10.3.3. Business performance
 - 10.3.4. Key strategies and developments
- 10.4. BLUEFIRE ETHANOL FUELS INC.
 - 10.4.1. Company overview
 - 10.4.2. Operating business segments
 - 10.4.3. Business performance
 - 10.4.4. Key strategies and developments
- 10.5. CROPENERGIES AG
 - 10.5.1. Company overview
 - 10.5.2. Operating business segments
 - 10.5.3. Business performance
 - 10.5.4. Key strategies and developments
- 10.6. E. I. DU PONT DE NEMOURS AND COMPANY
 - 10.6.1. Company overview
 - 10.6.2. Operating business segments
 - 10.6.3. Business performance
 - 10.6.4. Key strategies and developments
- 10.7. PETROBRAS
 - 10.7.1. Company overview
 - 10.7.2. Operating business segments
 - 10.7.3. Business performance
 - 10.7.4. Key strategies and developments
- 10.8. POET LLC
 - 10.8.1. Company overview
 - 10.8.2. Operating business segments
 - 10.8.3. Business performance
 - 10.8.4. Key strategies and developments
- 10.9. ROYAL DUTCH SHELL PLC
 - 10.9.1. Company overview
 - 10.9.2. Operating business segments
 - 10.9.3. Business performance
 - 10.9.4. Key strategies and developments
- 10.10. VALERO RENEWABLE FUELS COMPANY LLC
 - 10.10.1. Company overview

- 10.10.2. Operating business segments
- 10.10.3. Business performance
- 10.10.4. Key strategies and developments

List Of Tables

LIST OF TABLES

TABLE 1. GLOBAL BIOETHANOL MARKET SIZE, 2014-2022 (KILOTONS/\$MILLION)

TABLE 2. BIOETHANOL IN TRANSPORTATION MARKET VALUE, 2014-2022 (\$MILLION)

TABLE 3. FIRST GENERATION BIOETHANOL MARKET VALUE, 2014-2022 (\$MILLION)

TABLE 4. NORTH AMERICA BIOETHANOL MARKET SIZE, 2014-2022 (KILOTONS/\$MILLION)

TABLE 5. GLOBAL BIOETHANOL MARKET VOLUME, BY RAW MATERIAL, 2014-2022 (KILOTONS)

TABLE 6. GLOBAL BIOETHANOL MARKET VALUE, BY RAW MATERIAL, 2014-2022 (\$MILLION)

TABLE 7. GRAINS BIOETHANOL MARKET VOLUME, BY GEOGRAPHY, 2014-2022 (KILOTONS)

TABLE 8. GRAINS BIOETHANOL MARKET VALUE, BY GEOGRAPHY, 2014-2022 (\$MILLION)

TABLE 9. SUGARCANE BIOETHANOL MARKET VOLUME, BY GEOGRAPHY, 2014-2022 (KILOTONS)

TABLE 10. SUGARCANE BIOETHANOL MARKET VALUE, BY GEOGRAPHY, 2014-2022 (\$MILLION)

TABLE 11. INDUSTRIAL BEETS BIOETHANOL MARKET VOLUME, BY GEOGRAPHY, 2014-2022 (KILOTONS)

TABLE 12. INDUSTRIAL BEETS BIOETHANOL MARKET VALUE, BY GEOGRAPHY, 2014-2022 (\$MILLION)

TABLE 13. OTHER RAW MATERIALS FOR BIOETHANOL MARKET VOLUME, BY GEOGRAPHY, 2014-2022 (KILOTONS)

TABLE 14. OTHER RAW MATERIALS FOR BIOETHANOL MARKET VALUE, BY GEOGRAPHY, 2014-2022 (\$MILLION)

TABLE 15. GLOBAL BIOETHANOL MARKET VOLUME, BY TYPE, 2014-2022 (KILOTONS)

TABLE 16. GLOBAL BIOETHANOL MARKET VALUE, BY TYPE, 2014-2022 (\$MILLION)

TABLE 17. CORN-BASED ETHANOL MARKET VOLUME, BY TYPE, 2014-2022 (KILOTONS)

TABLE 18. CORN-BASED ETHANOL MARKET VALUE, BY TYPE, 2014-2022 (\$MILLION)

TABLE 19. CORN-BASED ETHANOL MARKET VOLUME, BY GEOGRAPHY, 2014-2022 (KILOTONS)

TABLE 20. CORN-BASED ETHANOL MARKET VALUE, BY GEOGRAPHY, 2014-2022 (\$MILLION)

TABLE 21. SUGARCANE-BASED ETHANOL MARKET VOLUME, BY GEOGRAPHY, 2014-2022 (KILOTONS)

TABLE 22. SUGARCANE-BASED ETHANOL MARKET VALUE, BY GEOGRAPHY, 2014-2022 (\$MILLION)

TABLE 23. CELLULOSIC ETHANOL MARKET VOLUME, BY GEOGRAPHY, 2014-2022 (KILOTONS)

TABLE 24. CELLULOSIC ETHANOL MARKET VALUE, BY GEOGRAPHY, 2014-2022 (\$MILLION)

TABLE 25. OTHER BIOETHANOL MARKET VOLUME, BY GEOGRAPHY, 2014-2022 (KILOTONS)

TABLE 26. OTHER BIOETHANOL MARKET VALUE, BY GEOGRAPHY, 2014-2022 (\$MILLION)

TABLE 27. GLOBAL BIOETHANOL MARKET VOLUME, BY BLEND, 2014-2022 (KILOTONS)

TABLE 28. GLOBAL BIOETHANOL MARKET VALUE, BY BLEND, 2014-2022 (\$MILLION)

TABLE 29. E10 BIOETHANOL BLEND MARKET VOLUME, BY GEOGRAPHY, 2014-2022 (KILOTONS)

TABLE 30. E10 BIOETHANOL BLEND MARKET VALUE, BY GEOGRAPHY, 2014-2022 (\$MILLION)

TABLE 31. E20 & E25 BIOETHANOL BLEND MARKET VOLUME, BY GEOGRAPHY, 2014-2022 (KILOTONS)

TABLE 32. E20 & E25 BIOETHANOL BLEND MARKET VALUE, BY GEOGRAPHY, 2014-2022 (\$MILLION)

TABLE 33. E70 & E75 BIOETHANOL BLEND MARKET VOLUME, BY GEOGRAPHY, 2014-2022 (KILOTONS)

TABLE 34. E70 & E75 BIOETHANOL BLEND MARKET VALUE, BY GEOGRAPHY, 2014-2022 (\$MILLION)

TABLE 35. E85 BIOETHANOL BLEND MARKET VOLUME, BY GEOGRAPHY, 2014-2022 (KILOTONS)

TABLE 36. E85 BIOETHANOL BLEND MARKET VALUE, BY GEOGRAPHY, 2014-2022 (\$MILLION)

TABLE 37. OTHER BIOETHANOL BLEND MARKET VOLUME, BY GEOGRAPHY, 2014-2022 (KILOTONS)

TABLE 38. OTHER BIOETHANOL BLEND MARKET VALUE, BY GEOGRAPHY,

2014-2022 (\$MILLION)

TABLE 39. GLOBAL BIOETHANOL MARKET VOLUME, BY GENERATION, 2014-2022 (KILOTONS)

TABLE 40. GLOBAL BIOETHANOL MARKET VALUE, BY GENERATION, 2014-2022 (\$MILLION)

TABLE 41. FIRST GENERATION BIOETHANOL MARKET VOLUME, BY GEOGRAPHY, 2014-2022 (KILOTONS)

TABLE 42. FIRST GENERATION BIOETHANOL MARKET VALUE, BY GEOGRAPHY, 2014-2022 (\$MILLION)

TABLE 43. SECOND GENERATION BIOETHANOL MARKET VOLUME, BY GEOGRAPHY, 2014-2022 (KILOTONS)

TABLE 44. SECOND GENERATION BIOETHANOL MARKET VALUE, BY GEOGRAPHY, 2014-2022 (\$MILLION)

TABLE 45. THIRD GENERATION BIOETHANOL MARKET VOLUME, BY GEOGRAPHY, 2014-2022 (KILOTONS)

TABLE 46. THIRD GENERATION BIOETHANOL MARKET VALUE, BY GEOGRAPHY, 2014-2022 (\$MILLION)

TABLE 47. GLOBAL BIOETHANOL MARKET VOLUME, BY APPLICATION, 2014-2022 (KILOTONS)

TABLE 48. GLOBAL BIOETHANOL MARKET VALUE, BY APPLICATION, 2014-2022 (\$MILLION)

TABLE 49. BIOETHANOL IN TRANSPORTATION MARKET VOLUME, BY GEOGRAPHY, 2014-2022 (KILOTONS)

TABLE 50. BIOETHANOL IN TRANSPORTATION MARKET VALUE, BY GEOGRAPHY, 2014-2022 (\$MILLION)

TABLE 51. BIOETHANOL IN POWER GENERATION MARKET VOLUME, BY GEOGRAPHY, 2014-2022 (KILOTONS)

TABLE 52. BIOETHANOL IN POWER GENERATION MARKET VALUE, BY GEOGRAPHY, 2014-2022 (\$MILLION)

TABLE 53. BIOETHANOL IN MEDICAL MARKET VOLUME, BY GEOGRAPHY, 2014-2022 (KILOTONS)

TABLE 54. BIOETHANOL IN MEDICAL MARKET VALUE, BY GEOGRAPHY, 2014-2022 (\$MILLION)

TABLE 55. BIOETHANOL IN OTHER APPLICATIONS MARKET VOLUME, BY GEOGRAPHY, 2014-2022 (KILOTONS)

TABLE 56. BIOETHANOL IN OTHER APPLICATIONS MARKET VALUE, BY GEOGRAPHY, 2014-2022 (\$MILLION)

TABLE 57. BIOETHANOL MARKET VOLUME, BY GEOGRAPHY, 2014-2022 (KILOTONS)

TABLE 58. BIOETHANOL MARKET VALUE, BY GEOGRAPHY, 2014-2022
(\$MILLION)

TABLE 59. NORTH AMERICA BIOETHANOL MARKET VOLUME, BY RAW
MATERIAL, 2014-2022 (KILOTONS)

TABLE 60. NORTH AMERICA BIOETHANOL MARKET VALUE, BY RAW MATERIAL,
2014-2022 (\$MILLION)

TABLE 61. NORTH AMERICA BIOETHANOL MARKET VOLUME, BY TYPE,
2014-2022 (KILOTONS)

TABLE 62. NORTH AMERICA BIOETHANOL MARKET VALUE, BY TYPE, 2014-2022
(\$MILLION)

TABLE 63. NORTH AMERICA BIOETHANOL MARKET VOLUME, BY BLEND,
2014-2022 (KILOTONS)

TABLE 64. NORTH AMERICA BIOETHANOL MARKET VALUE, BY BLEND,
2014-2022 (\$MILLION)

TABLE 65. NORTH AMERICA BIOETHANOL MARKET VOLUME, BY GENERATION,
2014-2022 (KILOTONS)

TABLE 66. NORTH AMERICA BIOETHANOL MARKET VALUE, BY GENERATION,
2014-2022 (\$MILLION)

TABLE 67. NORTH AMERICA BIOETHANOL MARKET VOLUME, BY APPLICATION,
2014-2022 (KILOTONS)

TABLE 68. NORTH AMERICA BIOETHANOL MARKET VALUE, BY APPLICATION,
2014-2022 (\$MILLION)

TABLE 69. NORTH AMERICA BIOETHANOL MARKET VOLUME, BY COUNTRY,
2014-2022 (KILOTONS)

TABLE 70. NORTH AMERICA BIOETHANOL MARKET VALUE, BY COUNTRY,
2014-2022 (\$MILLION)

TABLE 71. U.S. BIOETHANOL MARKET VOLUME, BY APPLICATION, 2014-2022
(KILOTONS)

TABLE 72. U.S. BIOETHANOL MARKET VALUE, BY APPLICATION, 2014-2022
(\$MILLION)

TABLE 73. CANADA BIOETHANOL MARKET VOLUME, BY APPLICATION,
2014-2022 (KILOTONS)

TABLE 74. CANADA BIOETHANOL MARKET VALUE, BY APPLICATION, 2014-2022
(\$MILLION)

TABLE 75. MEXICO BIOETHANOL MARKET VOLUME, BY APPLICATION, 2014-2022
(KILOTONS)

TABLE 76. MEXICO BIOETHANOL MARKET VALUE, BY APPLICATION, 2014-2022
(\$MILLION)

TABLE 77. EUROPE BIOETHANOL MARKET VOLUME, BY RAW MATERIAL,

2014-2022 (KILOTONS)

TABLE 78. EUROPE BIOETHANOL MARKET VALUE, BY RAW MATERIAL,
2014-2022 (\$MILLION)

TABLE 79. EUROPE BIOETHANOL MARKET VOLUME, BY TYPE, 2014-2022
(KILOTONS)

TABLE 80. EUROPE BIOETHANOL MARKET VALUE, BY TYPE, 2014-2022
(\$MILLION)

TABLE 81. EUROPE BIOETHANOL MARKET VOLUME, BY BLEND, 2014-2022
(KILOTONS)

TABLE 82. EUROPE BIOETHANOL MARKET VALUE, BY BLEND, 2014-2022
(\$MILLION)

TABLE 83. EUROPE BIOETHANOL MARKET VOLUME, BY GENERATION,
2014-2022 (KILOTONS)

TABLE 84. EUROPE BIOETHANOL MARKET VALUE, BY GENERATION, 2014-2022
(\$MILLION)

TABLE 85. EUROPE BIOETHANOL MARKET VOLUME, BY APPLICATION,
2014-2022 (KILOTONS)

TABLE 86. EUROPE BIOETHANOL MARKET VALUE, BY APPLICATION, 2014-2022
(\$MILLION)

TABLE 87. EUROPE BIOETHANOL MARKET VOLUME, BY COUNTRY, 2014-2022
(KILOTONS)

TABLE 88. EUROPE BIOETHANOL MARKET VALUE, BY COUNTRY, 2014-2022
(\$MILLION)

TABLE 89. BELGIUM BIOETHANOL MARKET VOLUME, BY APPLICATION,
2014-2022 (KILOTONS)

TABLE 90. BELGIUM BIOETHANOL MARKET VALUE, BY APPLICATION, 2014-2022
(\$MILLION)

TABLE 91. GERMANY BIOETHANOL MARKET VOLUME, BY APPLICATION,
2014-2022 (KILOTONS)

TABLE 92. GERMANY BIOETHANOL MARKET VALUE, BY APPLICATION,
2014-2022 (\$MILLION)

TABLE 93. FRANCE BIOETHANOL MARKET VOLUME, BY APPLICATION,
2014-2022 (KILOTONS)

TABLE 94. FRANCE BIOETHANOL MARKET VALUE, BY APPLICATION, 2014-2022
(\$MILLION)

TABLE 95. ITALY BIOETHANOL MARKET VOLUME, BY APPLICATION, 2014-2022
(KILOTONS)

TABLE 96. ITALY BIOETHANOL MARKET VALUE, BY APPLICATION, 2014-2022
(\$MILLION)

TABLE 97. SPAIN BIOETHANOL MARKET VOLUME, BY APPLICATION, 2014-2022 (KILOTONS)

TABLE 98. SPAIN BIOETHANOL MARKET VALUE, BY APPLICATION, 2014-2022 (\$MILLION)

TABLE 99. REST OF EUROPE BIOETHANOL MARKET VOLUME, BY APPLICATION, 2014-2022 (KILOTONS)

TABLE 100. REST OF EUROPE BIOETHANOL MARKET VALUE, BY APPLICATION, 2014-2022 (\$MILLION)

TABLE 101. ASIA-PACIFIC BIOETHANOL MARKET VOLUME, BY RAW MATERIAL, 2014-2022 (KILOTONS)

TABLE 102. ASIA-PACIFIC BIOETHANOL MARKET VALUE, BY RAW MATERIAL, 2014-2022 (\$MILLION)

TABLE 103. ASIA-PACIFIC BIOETHANOL MARKET VOLUME, BY TYPE, 2014-2022 (KILOTONS)

TABLE 104. ASIA-PACIFIC BIOETHANOL MARKET VALUE, BY TYPE, 2014-2022 (\$MILLION)

TABLE 105. ASIA-PACIFIC BIOETHANOL MARKET VOLUME, BY BLEND, 2014-2022 (KILOTONS)

TABLE 106. ASIA-PACIFIC BIOETHANOL MARKET VALUE, BY BLEND, 2014-2022 (\$MILLION)

TABLE 107. ASIA-PACIFIC BIOETHANOL MARKET VOLUME, BY GENERATION, 2014-2022 (KILOTONS)

TABLE 108. ASIA-PACIFIC BIOETHANOL MARKET VALUE, BY GENERATION, 2014-2022 (\$MILLION)

TABLE 109. ASIA-PACIFIC BIOETHANOL MARKET VOLUME, BY APPLICATION, 2014-2022 (KILOTONS)

TABLE 110. ASIA-PACIFIC BIOETHANOL MARKET VALUE, BY APPLICATION, 2014-2022 (\$MILLION)

TABLE 111. ASIA-PACIFIC BIOETHANOL MARKET VOLUME, BY COUNTRY, 2014-2022 (KILOTONS)

TABLE 112. ASIA-PACIFIC BIOETHANOL MARKET VALUE, BY COUNTRY, 2014-2022 (\$MILLION)

TABLE 113. CHINA BIOETHANOL MARKET VOLUME, BY APPLICATION, 2014-2022 (KILOTONS)

TABLE 114. CHINA BIOETHANOL MARKET VALUE, BY APPLICATION, 2014-2022 (\$MILLION)

TABLE 115. THAILAND BIOETHANOL MARKET VOLUME, BY APPLICATION, 2014-2022 (KILOTONS)

TABLE 116. THAILAND BIOETHANOL MARKET VALUE, BY APPLICATION,

2014-2022 (\$MILLION)

TABLE 117. INDIA BIOETHANOL MARKET VOLUME, BY APPLICATION, 2014-2022 (KILOTONS)

TABLE 118. INDIA BIOETHANOL MARKET VALUE, BY APPLICATION, 2014-2022 (\$MILLION)

TABLE 119. REST OF ASIA-PACIFIC BIOETHANOL MARKET VOLUME, BY APPLICATION, 2014-2022 (KILOTONS)

TABLE 120. REST OF ASIA-PACIFIC BIOETHANOL MARKET VALUE, BY APPLICATION, 2014-2022 (\$MILLION)

TABLE 121. LAMEA BIOETHANOL MARKET VOLUME, BY RAW MATERIAL, 2014-2022 (KILOTONS)

TABLE 122. LAMEA BIOETHANOL MARKET VALUE, BY RAW MATERIAL, 2014-2022 (\$MILLION)

TABLE 123. LAMEA BIOETHANOL MARKET VOLUME, BY TYPE, 2014-2022 (KILOTONS)

TABLE 124. LAMEA BIOETHANOL MARKET VALUE, BY TYPE, 2014-2022 (\$MILLION)

TABLE 125. LAMEA BIOETHANOL MARKET VOLUME, BY BLEND, 2014-2022 (KILOTONS)

TABLE 126. LAMEA BIOETHANOL MARKET VALUE, BY BLEND, 2014-2022 (\$MILLION)

TABLE 127. LAMEA BIOETHANOL MARKET VOLUME, BY GENERATION, 2014-2022 (KILOTONS)

TABLE 128. LAMEA BIOETHANOL MARKET VALUE, BY GENERATION, 2014-2022 (\$MILLION)

TABLE 129. LAMEA BIOETHANOL MARKET VOLUME, BY APPLICATION, 2014-2022 (KILOTONS)

TABLE 130. LAMEA BIOETHANOL MARKET VALUE, BY APPLICATION, 2014-2022 (\$MILLION)

TABLE 131. LAMEA BIOETHANOL MARKET VOLUME, BY COUNTRY, 2014-2022 (KILOTONS)

TABLE 132. LAMEA BIOETHANOL MARKET VALUE, BY COUNTRY, 2014-2022 (\$MILLION)

TABLE 133. BRAZIL BIOETHANOL MARKET VOLUME, BY APPLICATION, 2014-2022 (KILOTONS)

TABLE 134. BRAZIL BIOETHANOL MARKET VALUE, BY APPLICATION, 2014-2022 (\$MILLION)

TABLE 135. ARGENTINA BIOETHANOL MARKET VOLUME, BY APPLICATION, 2014-2022 (KILOTONS)

TABLE 136. ARGENTINA BIOETHANOL MARKET VALUE, BY APPLICATION, 2014-2022 (\$MILLION)

TABLE 137. SOUTH AFRICA BIOETHANOL MARKET VOLUME, BY APPLICATION, 2014-2022 (KILOTONS)

TABLE 138. SOUTH AFRICA BIOETHANOL MARKET VALUE, BY APPLICATION, 2014-2022 (\$MILLION)

TABLE 139. REST OF LAMEA BIOETHANOL MARKET VOLUME, BY APPLICATION, 2014-2022 (KILOTONS)

TABLE 140. REST OF LAMEA BIOETHANOL MARKET VALUE, BY APPLICATION, 2014-2022 (\$MILLION)

TABLE 141. ABENGOA BIOENERGY: COMPANY SNAPSHOT

TABLE 142. ABENGOA BIOENERGY: OPERATING SEGMENTS

TABLE 143. ARCHER DANIELS MIDLAND COMPANY: COMPANY SNAPSHOT

TABLE 144. ARCHER DANIELS MIDLAND COMPANY: OPERATING SEGMENTS

TABLE 145. BP PLC: COMPANY SNAPSHOT

TABLE 146. BP PLC: OPERATING SEGMENTS

TABLE 147. BLUEFIRE ETHANOL FUELS INC.: COMPANY SNAPSHOT

TABLE 148. BLUEFIRE ETHANOL FUELS INC.: OPERATING SEGMENTS

TABLE 149. CROPENERGIES AG: COMPANY SNAPSHOT

TABLE 150. CROPENERGIES AG: OPERATING SEGMENTS

TABLE 151. DU PONT: COMPANY SNAPSHOT

TABLE 152. DU PONT: OPERATING SEGMENTS

TABLE 153. PETROBRAS: COMPANY SNAPSHOT

TABLE 154. PETROBRAS: OPERATING SEGMENTS

TABLE 155. POET LLC: COMPANY SNAPSHOT

TABLE 156. POET LLC: OPERATING SEGMENTS

TABLE 157. ROYAL DUTCH SHELL PLC: COMPANY SNAPSHOT

TABLE 158. ROYAL DUTCH SHELL PLC: OPERATING SEGMENTS

TABLE 159. VALERO RENEWABLE FUELS COMPANY LLC: COMPANY SNAPSHOT

TABLE 160. VALERO RENEWABLE FUELS COMPANY LLC: OPERATING SEGMENTS

List Of Figures

LIST OF FIGURES

- FIGURE 1. GLOBAL BIOETHANOL MARKET: SEGMENTATION
- FIGURE 2. TOP INVESTMENT POCKETS: GLOBAL BIOETHANOL MARKET
- FIGURE 3. TOP WINNING STRATEGIES, BY STRATEGY
- FIGURE 4. TOP WINNING STRATEGIES, BY YEAR
- FIGURE 5. TOP WINNING STRATEGIES, BY KEY COMPANY
- FIGURE 6. TOP PLAYER POSITIONING: GLOBAL BIOETHANOL MARKET, 2015
- FIGURE 7. PATENT ANALYSIS BY YEAR
- FIGURE 8. PATENT ANALYSIS BY GEOGRAPHY (%)
- FIGURE 9. PATENT ANALYSIS BY COMPANY (%)
- FIGURE 10. BARGAINING POWER OF SUPPLIERS
- FIGURE 11. BARGAINING POWER OF BUYERS
- FIGURE 12. THREAT OF NEW ENTRANTS
- FIGURE 13. THREAT OF SUBSTITUTION
- FIGURE 14. INTENSITY OF COMPETITIVE RIVALRY
- FIGURE 15. GLOBAL BIOETHANOL MARKET SEGMENTATION, BY RAW MATERIAL
- FIGURE 16. GLOBAL BIOETHANOL MARKET SEGMENTATION, BY TYPE
- FIGURE 17. GLOBAL BIOETHANOL MARKET SEGMENTATION, BY BLEND
- FIGURE 18. GLOBAL BIOETHANOL MARKET SEGMENTATION, BY GENERATION
- FIGURE 19. GLOBAL BIOETHANOL MARKET SEGMENTATION, BY APPLICATION
- FIGURE 20. GLOBAL BIOETHANOL MARKET SEGMENTATION, BY GEOGRAPHY
- FIGURE 21. U.S. BIOETHANOL MARKET SIZE, BY APPLICATION, 2014-2022
(KILOTONS/\$MILLION)
- FIGURE 22. CANADA BIOETHANOL MARKET SIZE, BY APPLICATION, 2014-2022
(KILOTONS/\$MILLION)
- FIGURE 23. MEXICO BIOETHANOL MARKET SIZE, BY APPLICATION, 2014-2022
(KILOTONS/\$MILLION)
- FIGURE 24. BELGIUM BIOETHANOL MARKET SIZE, BY APPLICATION, 2014-2022
(KILOTONS/\$MILLION)
- FIGURE 25. GERMANY BIOETHANOL MARKET SIZE, BY APPLICATION, 2014-2022
(KILOTONS/\$MILLION)
- FIGURE 26. FRANCE BIOETHANOL MARKET SIZE, BY APPLICATION, 2014-2022
(KILOTONS/\$MILLION)
- FIGURE 27. ITALY BIOETHANOL MARKET SIZE, BY APPLICATION, 2014-2022
(KILOTONS/\$MILLION)
- FIGURE 28. SPAIN BIOETHANOL MARKET SIZE, BY APPLICATION, 2014-2022

(KILOTONS/\$MILLION)

FIGURE 29. REST OF EUROPE BIOETHANOL MARKET SIZE, BY APPLICATION, 2014-2022 (KILOTONS/\$MILLION)

FIGURE 30. CHINA BIOETHANOL MARKET SIZE, BY APPLICATION, 2014-2022 (KILOTONS/\$MILLION)

FIGURE 31. THAILAND BIOETHANOL MARKET SIZE, BY APPLICATION, 2014-2022 (KILOTONS/\$MILLION)

FIGURE 32. INDIA BIOETHANOL MARKET SIZE, BY APPLICATION, 2014-2022 (KILOTONS/\$MILLION)

FIGURE 33. REST OF ASIA-PACIFIC BIOETHANOL MARKET SIZE, BY APPLICATION, 2014-2022 (KILOTONS/\$MILLION)

FIGURE 34. BRAZIL BIOETHANOL MARKET SIZE, BY APPLICATION, 2014-2022 (KILOTONS/\$MILLION)

FIGURE 35. ARGENTINA BIOETHANOL MARKET SIZE, BY APPLICATION, 2014-2022 (KILOTONS/\$MILLION)

FIGURE 36. SOUTH AFRICA BIOETHANOL MARKET SIZE, BY APPLICATION, 2014-2022 (KILOTONS/\$MILLION)

FIGURE 37. REST OF LAMEA BIOETHANOL MARKET SIZE, BY APPLICATION, 2014-2022 (KILOTONS/\$MILLION)

I would like to order

Product name: Bioethanol Market by Raw Material (Grains, Sugarcane, Industrial Beets, and Others), Type (Corn-based, Sugarcane-based, Cellulosic Ethanol, and Others), Blend (E10, E20 & E25, E70 & 75, E85, and Others), Generation (First, Second, Third Generation), Application (Transportation, Power Generation, Medical, and Others) - Global Opportunity Analysis and Industry Forecast, 2014-2022

Product link: <https://marketpublishers.com/r/BF029736EF2EN.html>

Price: US\$ 5,370.00 (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/BF029736EF2EN.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