

# 2017-2022 Global and Japan Bio-ethanol Market Analysis Report

<https://marketpublishers.com/r/2FB2B98F948EN.html>

Date: August 2017

Pages: 117

Price: US\$ 3,085.00 (Single User License)

ID: 2FB2B98F948EN

## Abstracts

The global Bio-ethanol market is valued at XX million USD in 2016 and is expected to reach XX million USD

By the end of 2017, growing at a CAGR of XX% between 2016 and 2022.

Japan plays an important role in global market, with market size of xx million USD in 2016 and will be xx million USD in 2017, with a CAGR of xx%.

This report, with focus on top players in the global and Japan, studies the Bio-ethanol market's development status and future trend in the global and Japan. It splits Bio-ethanol market

By type and

By applications to fully and deeply research and reveal market profile and prospect.

The major players include

Archer Daniels Midland Company (US)

POET LLC (US)

Green Plains (US)

Valero Energy Corporation (US)

Flint Hills Resource (US)

Abengoa Bioenergy SA (Spain)

Royal Dutch Shell plc (Netherlands)

Pacific Ethanol, Inc. (US)

Petrobras (Brazil)

Andersons (US)

BP PLC (UK)

Dupont (US)

Geographically, this report splits the Global market into the following regions:

Asia Pacific

Japan

Tokyo

Yokohama

Osaka

Nagoya

Others

China

Korea

India

Others

Europe

France

Germany

United Kingdom

Italy

Russia

Others

## North America

United States

Canada

## Latin America

Brazil

Mexico

Others

## Southeast Asia

Singapore

Malaysia

Vietnam

Myanmar

Thailand

Indonesia

Philippines

Others

## Middle East & Africa

Saudi Arabia

Iran

UAE

Turkey

Israel

Egypt

South Africa

Others

On the basis of product, the Bio-ethanol market is primarily split into

By Blend

E5

E10

E15 to E70

E75 to E85

By Feedstock

Starch-based

Sugar-based

Cellulose-based

Others

Key Applications

Transportation

Pharmaceuticals

Cosmetics

Alcoholic Beverages

Others

## Contents

### 1 BIO-ETHANOL OVERVIEW

- 1.1 Product Overview and Scope of Bio-ethanol
- 1.2 Global and Japan Bio-ethanol Market by Applications/End Users
  - 1.2.1 Japan Bio-ethanol Sales (K MT) and Market Share Comparison by Applications (2012-2017)
    - 1.2.1.1 Japan Bio-ethanol Sales (K MT) and Market Share by Applications (2012-2017)
    - 1.2.1.2 Japan Bio-ethanol Sales Growth Rate (%) by Applications (2012-2017)
    - 1.2.1.3 Market Drivers and Opportunities
  - 1.2.2 Japan Bio-ethanol Sales (K MT) and Market Share Comparison by Applications (2012-2017)
  - 1.2.3 Global Bio-ethanol Sales by Application (2012-2017)
    - 1.2.3.1 Global Bio-ethanol Sales (K MT) and Market Share by Applications (2012-2017)
    - 1.2.3.2 Global Bio-ethanol Sales Growth Rate (%) by Applications (2012-2017)
    - 1.2.3.3 Market Drivers and Opportunities
  - 1.2.4 Global Bio-ethanol Sales (K MT) and Market Share Comparison by Applications (2012-2017)
  - 1.2.5 Transportation
  - 1.2.6 Pharmaceuticals
  - 1.2.7 Cosmetics
  - 1.2.8 Alcoholic Beverages
  - 1.2.9 Others
- 1.3 Global and Japan Market Size (Sales and Revenue) of Bio-ethanol (2012-2017)
  - 1.3.1 Japan Market Size (Sales and Revenue) of Bio-ethanol (2012-2017)
    - 1.3.1.1 Japan Bio-ethanol Sales (K MT) and Growth Rate (%) (2012-2017)
    - 1.3.1.2 Japan Bio-ethanol Revenue (Million USD) and Growth Rate (2012-2017)
  - 1.3.2 Global Market Size (Sales and Revenue) of Bio-ethanol (2012-2017)
    - 1.3.2.1 Global Bio-ethanol Sales (K MT) and Growth Rate (%) (2012-2017)
    - 1.3.2.2 Global Bio-ethanol Revenue (Million USD) and Growth Rate (2012-2017)
- 1.4 Global and Japan Classification of Bio-ethanol by Blend
  - 1.4.1 Japan Bio-ethanol Sales (K MT) and Market Share by Blend (2012-2017)
  - 1.4.2 Global Bio-ethanol Sales (K MT) and Market Share by Blend (2012-2017)
  - 1.4.3 Japan Bio-ethanol Revenue (Million USD) and Market Share by Blend (2012-2017)
  - 1.4.4 Global Bio-ethanol Revenue (Million USD) and Market Share by Blend

(2012-2017)

- 1.4.5 Japan Bio-ethanol Price (USD/MT) by Blend (2012-2017)
- 1.4.6 Global Bio-ethanol Price (USD/MT) by Blend (2012-2017)
- 1.4.7 Japan Bio-ethanol Sales Growth Rate (%) by Blend (2012-2017)
- 1.4.8 Global Bio-ethanol Sales Growth Rate (%) by Blend (2012-2017)
- 1.4.9 E5
- 1.4.10 E10
- 1.4.11 E15 to E70
- 1.4.12 E75 to E85

1.5 Global and Japan Classification of Bio-ethanol by Feedstock

- 1.5.1 Japan Bio-ethanol Sales (K MT) and Market Share by Feedstock (2012-2017)
- 1.5.2 Global Bio-ethanol Sales (K MT) and Market Share by Feedstock (2012-2017)
- 1.5.3 Japan Bio-ethanol Revenue (Million USD) and Market Share by Feedstock

(2012-2017)

- 1.5.4 Global Bio-ethanol Revenue (Million USD) and Market Share by Feedstock

(2012-2017)

- 1.5.5 Japan Bio-ethanol Price (USD/MT) by Feedstock (2012-2017)
- 1.5.6 Global Bio-ethanol Price (USD/MT) by Feedstock (2012-2017)
- 1.5.7 Japan Bio-ethanol Sales Growth Rate (%) by Feedstock (2012-2017)
- 1.5.8 Global Bio-ethanol Sales Growth Rate (%) by Feedstock (2012-2017)
- 1.5.9 Starch-based
- 1.5.10 Sugar-based
- 1.5.11 Cellulose-based
- 1.5.12 Others

## **2 GLOBAL AND JAPAN BIO-ETHANOL MARKET COMPETITION BY PLAYERS/MANUFACTURERS**

2.1 Japan Bio-ethanol Market Competition by Players/Manufacturers

- 2.1.1 Japan Bio-ethanol Sales and Market Share of Key Players/Manufacturers

(2012-2017)

- 2.1.2 Japan Bio-ethanol Revenue and Share by Players/Manufacturers (2012-2017)

- 2.1.3 Japan Bio-ethanol Average Price (USD/MT) by Players/Manufacturers

(2012-2017)

- 2.1.4 Japan Bio-ethanol Market Competitive Situation and Trends

- 2.1.4.1 Japan Bio-ethanol Market Concentration Rate

- 2.1.4.2 Japan Bio-ethanol Market Share of Top 3 and Top 5 Players/Manufacturers

- 2.1.4.3 Mergers & Acquisitions, Expansion in Japan Market

- 2.1.5 Japan Players/Manufacturers Bio-ethanol Manufacturing Base Distribution, Sales

## Area, Product Types

### 2.2 Global Bio-ethanol Market Competition by Players/Manufacturers

2.2.1 Global Bio-ethanol Sales and Market Share of Key Players/Manufacturers (2012-2017)

2.2.2 Global Bio-ethanol Revenue and Share by Players/Manufacturers (2012-2017)

2.2.3 Global Bio-ethanol Average Price (USD/MT) by Players/Manufacturers (2012-2017)

2.2.4 Global Bio-ethanol Market Competitive Situation and Trends

2.2.4.1 Global Bio-ethanol Market Concentration Rate

2.2.4.2 Global Bio-ethanol Market Share of Top 3 and Top 5 Players/Manufacturers

2.2.4.3 Mergers & Acquisitions, Expansion in Global Market

2.2.5 Global Players/Manufacturers Bio-ethanol Manufacturing Base Distribution, Sales Area, Product Types

## **3 GLOBAL AND JAPAN BIO-ETHANOL SALES AND REVENUE BY REGIONS (2012-2017)**

### 3.1 Asia Pacific Bio-ethanol Sales and Revenue by Regions (2012-2017)

3.1.1 Japan Bio-ethanol Sales and Revenue (2012-2017)

3.1.1.1 Japan Bio-ethanol Sales (K MT) and Market Share (2012-2017)

3.1.1.2 Japan Bio-ethanol Revenue (Million USD) and Market Share (2012-2017)

3.1.1.3 Japan Bio-ethanol Price (USD/MT)(2012-2017)

3.1.2 China Bio-ethanol Sales and Revenue (2012-2017)

3.1.2.1 China Bio-ethanol Sales (K MT) and Market Share (2012-2017)

3.1.2.2 China Bio-ethanol Revenue (Million USD) and Market Share (2012-2017)

3.1.2.3 China Bio-ethanol Price (USD/MT)(2012-2017)

3.1.3 Korea Bio-ethanol Sales and Revenue (2012-2017)

3.1.3.1 Korea Bio-ethanol Sales (K MT) and Market Share (2012-2017)

3.1.3.2 Korea Bio-ethanol Revenue (Million USD) and Market Share (2012-2017)

3.1.3.3 Korea Bio-ethanol Price (USD/MT)(2012-2017)

3.1.4 India Bio-ethanol Sales and Revenue (2012-2017)

3.1.4.1 India Bio-ethanol Sales (K MT) and Market Share (2012-2017)

3.1.4.2 India Bio-ethanol Revenue (Million USD) and Market Share (2012-2017)

3.1.4.3 India Bio-ethanol Price (USD/MT)(2012-2017)

3.1.5 Others Bio-ethanol Sales and Revenue (2012-2017)

3.1.5.1 Others Bio-ethanol Sales (K MT) and Market Share (2012-2017)

3.1.5.2 Others Bio-ethanol Revenue (Million USD) and Market Share (2012-2017)

3.1.5.3 Others Bio-ethanol Price (USD/MT)(2012-2017)

### 3.2 Europe Bio-ethanol Sales and Revenue by Regions (2012-2017)

- 3.2.1 France Bio-ethanol Sales and Revenue (2012-2017)
  - 3.2.1.1 France Bio-ethanol Sales (K MT) and Market Share (2012-2017)
  - 3.2.1.2 France Bio-ethanol Revenue (Million USD) and Market Share (2012-2017)
  - 3.2.1.3 France Bio-ethanol Price (USD/MT)(2012-2017)
- 3.2.2 Germany Bio-ethanol Sales and Revenue (2012-2017)
  - 3.2.2.1 Germany Bio-ethanol Sales (K MT) and Market Share (2012-2017)
  - 3.2.2.2 Germany Bio-ethanol Revenue (Million USD) and Market Share (2012-2017)
  - 3.2.2.3 Germany Bio-ethanol Price (USD/MT)(2012-2017)
- 3.2.3 United Kingdom Bio-ethanol Sales and Revenue (2012-2017)
  - 3.2.3.1 United Kingdom Bio-ethanol Sales (K MT) and Market Share (2012-2017)
  - 3.2.3.2 United Kingdom Bio-ethanol Revenue (Million USD) and Market Share (2012-2017)
  - 3.2.3.3 United Kingdom Bio-ethanol Price (USD/MT)(2012-2017)
- 3.2.4 Italy Bio-ethanol Sales and Revenue (2012-2017)
  - 3.2.4.1 Italy Bio-ethanol Sales (K MT) and Market Share (2012-2017)
  - 3.2.4.2 Italy Bio-ethanol Revenue (Million USD) and Market Share (2012-2017)
  - 3.2.4.3 Italy Bio-ethanol Price (USD/MT)(2012-2017)
- 3.2.5 Russia Bio-ethanol Sales and Revenue (2012-2017)
  - 3.2.5.1 Russia Bio-ethanol Sales (K MT) and Market Share (2012-2017)
  - 3.2.5.2 Russia Bio-ethanol Revenue (Million USD) and Market Share (2012-2017)
  - 3.2.5.3 Russia Bio-ethanol Price (USD/MT)(2012-2017)
- 3.2.6 Others Bio-ethanol Sales and Revenue (2012-2017)
  - 3.2.6.1 Others Bio-ethanol Sales (K MT) and Market Share (2012-2017)
  - 3.2.6.2 Others Bio-ethanol Revenue (Million USD) and Market Share (2012-2017)
  - 3.2.6.3 Others Bio-ethanol Price (USD/MT)(2012-2017)
- 3.3 North America Bio-ethanol Sales and Revenue by Regions (2012-2017)
  - 3.3.1 United States Bio-ethanol Sales and Revenue (2012-2017)
    - 3.3.1.1 United States Bio-ethanol Sales (K MT) and Market Share (2012-2017)
    - 3.3.1.2 United States Bio-ethanol Revenue (Million USD) and Market Share (2012-2017)
    - 3.3.1.3 United States Bio-ethanol Price (USD/MT)(2012-2017)
  - 3.3.2 Canada Bio-ethanol Sales and Revenue (2012-2017)
    - 3.3.2.1 Canada Bio-ethanol Sales (K MT) and Market Share (2012-2017)
    - 3.3.2.2 Canada Bio-ethanol Revenue (Million USD) and Market Share (2012-2017)
    - 3.3.2.3 Canada Bio-ethanol Price (USD/MT)(2012-2017)
- 3.4 Latin America Bio-ethanol Sales and Revenue by Regions (2012-2017)
  - 3.4.1 Brazil Bio-ethanol Sales and Revenue (2012-2017)
    - 3.4.1.1 Brazil Bio-ethanol Sales (K MT) and Market Share (2012-2017)
    - 3.4.1.2 Brazil Bio-ethanol Revenue (Million USD) and Market Share (2012-2017)



- 3.4.1.3 Brazil Bio-ethanol Price (USD/MT)(2012-2017)
- 3.4.2 Mexico Bio-ethanol Sales and Revenue (2012-2017)
  - 3.4.2.1 Mexico Bio-ethanol Sales (K MT) and Market Share (2012-2017)
  - 3.4.2.2 Mexico Bio-ethanol Revenue (Million USD) and Market Share (2012-2017)
  - 3.4.2.3 Mexico Bio-ethanol Price (USD/MT)(2012-2017)
- 3.4.3 Others Bio-ethanol Sales and Revenue (2012-2017)
  - 3.4.3.1 Others Bio-ethanol Sales (K MT) and Market Share (2012-2017)
  - 3.4.3.2 Others Bio-ethanol Revenue (Million USD) and Market Share (2012-2017)
  - 3.4.3.3 Others Bio-ethanol Price (USD/MT)(2012-2017)
- 3.5 Southeast Asia Bio-ethanol Sales and Revenue by Regions (2012-2017)
  - 3.5.1 Singapore Bio-ethanol Sales and Revenue (2012-2017)
    - 3.5.1.1 Singapore Bio-ethanol Sales (K MT) and Market Share (2012-2017)
    - 3.5.1.2 Singapore Bio-ethanol Revenue (Million USD) and Market Share (2012-2017)
    - 3.5.1.3 Singapore Bio-ethanol Price (USD/MT)(2012-2017)
  - 3.5.2 Malaysia Bio-ethanol Sales and Revenue (2012-2017)
    - 3.5.2.1 Malaysia Bio-ethanol Sales (K MT) and Market Share (2012-2017)
    - 3.5.2.2 Malaysia Bio-ethanol Revenue (Million USD) and Market Share (2012-2017)
    - 3.5.2.3 Malaysia Bio-ethanol Price (USD/MT)(2012-2017)
  - 3.5.3 Vietnam Bio-ethanol Sales and Revenue (2012-2017)
    - 3.5.3.1 Vietnam Bio-ethanol Sales (K MT) and Market Share (2012-2017)
    - 3.5.3.2 Vietnam Bio-ethanol Revenue (Million USD) and Market Share (2012-2017)
    - 3.5.3.3 Vietnam Bio-ethanol Price (USD/MT)(2012-2017)
  - 3.5.4 Myanmar Bio-ethanol Sales and Revenue (2012-2017)
    - 3.5.4.1 Myanmar Bio-ethanol Sales (K MT) and Market Share (2012-2017)
    - 3.5.4.2 Myanmar Bio-ethanol Revenue (Million USD) and Market Share (2012-2017)
    - 3.5.4.3 Myanmar Bio-ethanol Price (USD/MT)(2012-2017)
  - 3.5.5 Thailand Bio-ethanol Sales and Revenue (2012-2017)
    - 3.5.5.1 Thailand Bio-ethanol Sales (K MT) and Market Share (2012-2017)
    - 3.5.5.2 Thailand Bio-ethanol Revenue (Million USD) and Market Share (2012-2017)
    - 3.5.5.3 Thailand Bio-ethanol Price (USD/MT)(2012-2017)
  - 3.5.6 Indonesia Bio-ethanol Sales and Revenue (2012-2017)
    - 3.5.6.1 Indonesia Bio-ethanol Sales (K MT) and Market Share (2012-2017)
    - 3.5.6.2 Indonesia Bio-ethanol Revenue (Million USD) and Market Share (2012-2017)
    - 3.5.6.3 Indonesia Bio-ethanol Price (USD/MT)(2012-2017)
  - 3.5.7 Philippines Bio-ethanol Sales and Revenue (2012-2017)
    - 3.5.7.1 Philippines Bio-ethanol Sales (K MT) and Market Share (2012-2017)
    - 3.5.7.2 Philippines Bio-ethanol Revenue (Million USD) and Market Share (2012-2017)
    - 3.5.7.3 Philippines Bio-ethanol Price (USD/MT)(2012-2017)

- 3.5.8 Others Bio-ethanol Sales and Revenue (2012-2017)
  - 3.5.8.1 Others Bio-ethanol Sales (K MT) and Market Share (2012-2017)
  - 3.5.8.2 Others Bio-ethanol Revenue (Million USD) and Market Share (2012-2017)
  - 3.5.8.3 Others Bio-ethanol Price (USD/MT)(2012-2017)
- 3.6 Middle East & Africa Bio-ethanol Sales and Revenue by Regions (2012-2017)
  - 3.6.1 Saudi Arabia Bio-ethanol Sales and Revenue (2012-2017)
    - 3.6.1.1 Saudi Arabia Bio-ethanol Sales (K MT) and Market Share (2012-2017)
    - 3.6.1.2 Saudi Arabia Bio-ethanol Revenue (Million USD) and Market Share (2012-2017)
    - 3.6.1.3 Saudi Arabia Bio-ethanol Price (USD/MT)(2012-2017)
  - 3.6.2 Iran Bio-ethanol Sales and Revenue (2012-2017)
    - 3.6.2.1 Iran Bio-ethanol Sales (K MT) and Market Share (2012-2017)
    - 3.6.2.2 Iran Bio-ethanol Revenue (Million USD) and Market Share (2012-2017)
    - 3.6.2.3 Iran Bio-ethanol Price (USD/MT)(2012-2017)
  - 3.6.3 UAE Bio-ethanol Sales and Revenue (2012-2017)
    - 3.6.3.1 UAE Bio-ethanol Sales (K MT) and Market Share (2012-2017)
    - 3.6.3.2 UAE Bio-ethanol Revenue (Million USD) and Market Share (2012-2017)
    - 3.6.3.3 UAE Bio-ethanol Price (USD/MT)(2012-2017)
  - 3.6.4 Turkey Bio-ethanol Sales and Revenue (2012-2017)
    - 3.6.4.1 Turkey Bio-ethanol Sales (K MT) and Market Share (2012-2017)
    - 3.6.4.2 Turkey Bio-ethanol Revenue (Million USD) and Market Share (2012-2017)
    - 3.6.4.3 Turkey Bio-ethanol Price (USD/MT)(2012-2017)
  - 3.6.5 Israel Bio-ethanol Sales and Revenue (2012-2017)
    - 3.6.5.1 Israel Bio-ethanol Sales (K MT) and Market Share (2012-2017)
    - 3.6.5.2 Israel Bio-ethanol Revenue (Million USD) and Market Share (2012-2017)
    - 3.6.5.3 Israel Bio-ethanol Price (USD/MT)(2012-2017)
  - 3.6.6 Egypt Bio-ethanol Sales and Revenue (2012-2017)
    - 3.6.6.1 Egypt Bio-ethanol Sales (K MT) and Market Share (2012-2017)
    - 3.6.6.2 Egypt Bio-ethanol Revenue (Million USD) and Market Share (2012-2017)
    - 3.6.6.3 Egypt Bio-ethanol Price (USD/MT)(2012-2017)
  - 3.6.7 South Africa Bio-ethanol Sales and Revenue (2012-2017)
    - 3.6.7.1 South Africa Bio-ethanol Sales (K MT) and Market Share (2012-2017)
    - 3.6.7.2 South Africa Bio-ethanol Revenue (Million USD) and Market Share (2012-2017)
    - 3.6.7.3 South Africa Bio-ethanol Price (USD/MT)(2012-2017)
  - 3.6.8 Others Bio-ethanol Sales and Revenue (2012-2017)
    - 3.6.8.1 Others Bio-ethanol Sales (K MT) and Market Share (2012-2017)
    - 3.6.8.2 Others Bio-ethanol Revenue (Million USD) and Market Share (2012-2017)
    - 3.6.8.3 Others Bio-ethanol Price (USD/MT)(2012-2017)

## **4 GLOBAL AND JAPAN BIO-ETHANOL PLAYERS/MANUFACTURERS PROFILES AND SALES DATA**

### **4.1 Archer Daniels Midland Company (US)**

4.1.1 Company Basic Information, Manufacturing Base and Competitors

4.1.2 Bio-ethanol Product Category, Application and Specification

4.1.2.1 Product A

4.1.2.2 Product B

4.1.3 Archer Daniels Midland Company (US) Bio-ethanol Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (%) (2012-2017)

4.1.4 Main Business/Business Overview

### **4.2 POET LLC (US)**

4.2.1 Company Basic Information, Manufacturing Base and Competitors

4.2.2 Bio-ethanol Product Category, Application and Specification

4.2.2.1 Product A

4.2.2.2 Product B

4.2.3 POET LLC (US) Bio-ethanol Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (%) (2012-2017)

4.2.4 Main Business/Business Overview

### **4.3 Green Plains (US)**

4.3.1 Company Basic Information, Manufacturing Base and Competitors

4.3.2 Bio-ethanol Product Category, Application and Specification

4.3.2.1 Product A

4.3.2.2 Product B

4.3.3 Green Plains (US) Bio-ethanol Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (%) (2012-2017)

4.3.4 Main Business/Business Overview

### **4.4 Valero Energy Corporation (US)**

4.4.1 Company Basic Information, Manufacturing Base and Competitors

4.4.2 Bio-ethanol Product Category, Application and Specification

4.4.2.1 Product A

4.4.2.2 Product B

4.4.3 Valero Energy Corporation (US) Bio-ethanol Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (%) (2012-2017)

4.4.4 Main Business/Business Overview

### **4.5 Flint Hills Resource (US)**

4.5.1 Company Basic Information, Manufacturing Base and Competitors

4.5.2 Bio-ethanol Product Category, Application and Specification

- 4.5.2.1 Product A
- 4.5.2.2 Product B
- 4.5.3 Flint Hills Resource (US) Bio-ethanol Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (%) (2012-2017)
- 4.5.4 Main Business/Business Overview
- 4.6 Abengoa Bioenergy SA (Spain)
  - 4.6.1 Company Basic Information, Manufacturing Base and Competitors
  - 4.6.2 Bio-ethanol Product Category, Application and Specification
    - 4.6.2.1 Product A
    - 4.6.2.2 Product B
  - 4.6.3 Abengoa Bioenergy SA (Spain) Bio-ethanol Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (%) (2012-2017)
  - 4.6.4 Main Business/Business Overview
- 4.7 Royal Dutch Shell plc (Netherlands)
  - 4.7.1 Company Basic Information, Manufacturing Base and Competitors
  - 4.7.2 Bio-ethanol Product Category, Application and Specification
    - 4.7.2.1 Product A
    - 4.7.2.2 Product B
  - 4.7.3 Royal Dutch Shell plc (Netherlands) Bio-ethanol Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (%) (2012-2017)
  - 4.7.4 Main Business/Business Overview
- 4.8 Pacific Ethanol, Inc. (US)
  - 4.8.1 Company Basic Information, Manufacturing Base and Competitors
  - 4.8.2 Bio-ethanol Product Category, Application and Specification
    - 4.8.2.1 Product A
    - 4.8.2.2 Product B
  - 4.8.3 Pacific Ethanol, Inc. (US) Bio-ethanol Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (%) (2012-2017)
  - 4.8.4 Main Business/Business Overview
- 4.9 Petrobras (Brazil)
  - 4.9.1 Company Basic Information, Manufacturing Base and Competitors
  - 4.9.2 Bio-ethanol Product Category, Application and Specification
    - 4.9.2.1 Product A
    - 4.9.2.2 Product B
  - 4.9.3 Petrobras (Brazil) Bio-ethanol Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (%) (2012-2017)
  - 4.9.4 Main Business/Business Overview
- 4.10 Andersons (US)
  - 4.10.1 Company Basic Information, Manufacturing Base and Competitors

- 4.10.2 Bio-ethanol Product Category, Application and Specification
  - 4.10.2.1 Product A
  - 4.10.2.2 Product B
- 4.10.3 Andersons (US) Bio-ethanol Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (%) (2012-2017)
- 4.10.4 Main Business/Business Overview
- 4.11 BP PLC (UK)
- 4.12 Dupont (US)

## **5 BIO-ETHANOL MANUFACTURING COST ANALYSIS**

- 5.1 Bio-ethanol Key Raw Materials Analysis
  - 5.1.1 Key Raw Materials
  - 5.1.2 Price Trend of Key Raw Materials
  - 5.1.3 Key Suppliers of Raw Materials
  - 5.1.4 Market Concentration Rate of Raw Materials
- 5.2 Proportion of Manufacturing Cost Structure
  - 5.2.1 Raw Materials
  - 5.2.2 Labor Cost
  - 5.2.3 Manufacturing Expenses
- 5.3 Manufacturing Process Analysis of Bio-ethanol

## **6 INDUSTRIAL CHAIN, SOURCING STRATEGY AND DOWNSTREAM BUYERS**

- 6.1 Bio-ethanol Industrial Chain Analysis
- 6.2 Upstream Raw Materials Sourcing
- 6.3 Raw Materials Sources of Bio-ethanol Major Players/Manufacturers in 2016
- 6.4 Downstream Buyers

## **7 MARKETING STRATEGY ANALYSIS, DISTRIBUTORS/TRADERS**

- 7.1 Marketing Channel
  - 7.1.1 Direct Marketing
  - 7.1.2 Indirect Marketing
  - 7.1.3 Marketing Channel Development Trend
- 7.2 Market Positioning
  - 7.2.1 Pricing Strategy
  - 7.2.2 Brand Strategy
  - 7.2.3 Target Client

### 7.3 Distributors/Traders List

## **8 MARKET EFFECT FACTORS ANALYSIS**

### 8.1 Technology Progress/Risk

#### 8.1.1 Substitutes Threat

#### 8.1.2 Technology Progress in Related Industry

### 8.2 Consumer Needs/Customer Preference Change

### 8.3 Economic/Political Environmental Change

## **9 GLOBAL AND JAPAN BIO-ETHANOL MARKET SIZE (SALES AND REVENUE) FORECAST (2017-2022)**

### 9.1 Global and Japan Bio-ethanol Sales (K MT), Revenue (Million USD) Forecast (2017-2022)

### 9.2 Global and Japan Bio-ethanol Sales (K MT) Forecast by Type (2017-2022)

#### 9.2.1 by Blend

#### 9.2.2 by Feedstock

### 9.3 Global and Japan Bio-ethanol Sales (K MT) Forecast by Application (2017-2022)

### 9.4 Global and Japan Bio-ethanol Sales (K MT) Forecast by Regions (2017-2022)

## **10 RESEARCH FINDINGS AND CONCLUSION**

## **11 METHODOLOGY AND DATA SOURCE**

### 11.1 Methodology/Research Approach

#### 11.1.1 Research Programs/Design

#### 11.1.2 Market Size Estimation

#### 11.1.3 Market Breakdown and Data Triangulation

### 11.2 Data Source

#### 11.2.1 Secondary Sources

#### 11.2.2 Primary Sources

### 11.3 Disclaimer

### 11.4 Author List

## List Of Tables

### LIST OF TABLES AND FIGURES

Figure Product Picture of Bio-ethanol

Table Japan Bio-ethanol Sales (Million Units) Comparison by Applications (2012-2017)

Figure Japan Sales Market Share (%) of Bio-ethanol by Applications in 2016

Table Global Bio-ethanol Sales (Million Units) Comparison by Applications (2012-2017)

Figure Global Sales Market Share (%) of Bio-ethanol by Applications in 2016

Figure Transportation Examples

Table Key Downstream Customer in Transportation

Figure Pharmaceuticals Examples

Table Key Downstream Customer in Pharmaceuticals

Figure Cosmetics Examples

Table Key Downstream Customer in Cosmetics

Figure Alcoholic Beverages Examples

Table Key Downstream Customer in Alcoholic Beverages

Figure Others Examples

Table Key Downstream Customer in Others

Figure E5 Product Picture

Figure E10 Product Picture

Figure E15 to E70 Product Picture

Figure E75 to E85 Product Picture

Figure Starch-based Product Picture

Figure Sugar-based Product Picture

Figure Cellulose-based Product Picture

Figure Others Product Picture

Table Archer Daniels Midland Company (US) Basic Information List

Table Archer Daniels Midland Company (US) Bio-ethanol Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (%) (2012-2017)

Table Archer Daniels Midland Company (US) Bio-ethanol Sales Growth Rate (%) (2012-2017)

Table Archer Daniels Midland Company (US) Bio-ethanol Sales Market Share (%) in Japan (2012-2017)

Figure Archer Daniels Midland Company (US) Bio-ethanol Revenue Market Share (%) in Japan (2012-2017)

Table POET LLC (US) Basic Information List

Table POET LLC (US) Bio-ethanol Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (%) (2012-2017)

Table POET LLC (US) Bio-ethanol Sales Growth Rate (%) (2012-2017)

Table POET LLC (US) Bio-ethanol Sales Market Share (%) in Japan (2012-2017)

Figure POET LLC (US) Bio-ethanol Revenue Market Share (%) in Japan (2012-2017)

Table Green Plains (US) Basic Information List

Table Green Plains (US) Bio-ethanol Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (%) (2012-2017)

Table Green Plains (US) Bio-ethanol Sales Growth Rate (%) (2012-2017)

Table Green Plains (US) Bio-ethanol Sales Market Share (%) in Japan (2012-2017)

Figure Green Plains (US) Bio-ethanol Revenue Market Share (%) in Japan (2012-2017)

Table Valero Energy Corporation (US) Basic Information List

Table Valero Energy Corporation (US) Bio-ethanol Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (%) (2012-2017)

Table Valero Energy Corporation (US) Bio-ethanol Sales Growth Rate (%) (2012-2017)

Table Valero Energy Corporation (US) Bio-ethanol Sales Market Share (%) in Japan (2012-2017)

Figure Valero Energy Corporation (US) Bio-ethanol Revenue Market Share (%) in Japan (2012-2017)

Table Flint Hills Resource (US) Basic Information List

Table Flint Hills Resource (US) Bio-ethanol Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (%) (2012-2017)

Table Flint Hills Resource (US) Bio-ethanol Sales Growth Rate (%) (2012-2017)

Table Flint Hills Resource (US) Bio-ethanol Sales Market Share (%) in Japan (2012-2017)

Figure Flint Hills Resource (US) Bio-ethanol Revenue Market Share (%) in Japan (2012-2017)

Table Abengoa Bioenergy SA (Spain) Basic Information List

Table Abengoa Bioenergy SA (Spain) Bio-ethanol Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (%) (2012-2017)

Table Abengoa Bioenergy SA (Spain) Bio-ethanol Sales Growth Rate (%) (2012-2017)

Table Abengoa Bioenergy SA (Spain) Bio-ethanol Sales Market Share (%) in Japan (2012-2017)

Figure Abengoa Bioenergy SA (Spain) Bio-ethanol Revenue Market Share (%) in Japan (2012-2017)

Table Royal Dutch Shell plc (Netherlands) Basic Information List

Table Royal Dutch Shell plc (Netherlands) Bio-ethanol Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (%) (2012-2017)

Table Royal Dutch Shell plc (Netherlands) Bio-ethanol Sales Growth Rate (%) (2012-2017)

Table Royal Dutch Shell plc (Netherlands) Bio-ethanol Sales Market Share (%) in Japan (2012-2017)



(2012-2017)

Figure Royal Dutch Shell plc (Netherlands) Bio-ethanol Revenue Market Share (%) in Japan (2012-2017)

Table Pacific Ethanol, Inc. (US) Basic Information List

Table Pacific Ethanol, Inc. (US) Bio-ethanol Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (%) (2012-2017)

Table Pacific Ethanol, Inc. (US) Bio-ethanol Sales Growth Rate (%) (2012-2017)

Table Pacific Ethanol, Inc. (US) Bio-ethanol Sales Market Share (%) in Japan (2012-2017)

Figure Pacific Ethanol, Inc. (US) Bio-ethanol Revenue Market Share (%) in Japan (2012-2017)

Table Petrobras (Brazil) Basic Information List

Table Petrobras (Brazil) Bio-ethanol Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (%) (2012-2017)

Table Petrobras (Brazil) Bio-ethanol Sales Growth Rate (%) (2012-2017)

Table Petrobras (Brazil) Bio-ethanol Sales Market Share (%) in Japan (2012-2017)

Figure Petrobras (Brazil) Bio-ethanol Revenue Market Share (%) in Japan (2012-2017)

Table Andersons (US) Basic Information List

Table Andersons (US) Bio-ethanol Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (%) (2012-2017)

Table Andersons (US) Bio-ethanol Sales Growth Rate (%) (2012-2017)

Table Andersons (US) Bio-ethanol Sales Market Share (%) in Japan (2012-2017)

Figure Andersons (US) Bio-ethanol Revenue Market Share (%) in Japan (2012-2017)

Table BP PLC (UK) Basic Information List

Table Dupont (US) Basic Information List

Table Production Base and Market Concentration Rate of Raw Material

Figure Price Trend of Key Raw Materials

Table Key Suppliers of Raw Materials

Figure Manufacturing Cost Structure of Bio-ethanol

Figure Manufacturing Process Analysis of Bio-ethanol

Figure Bio-ethanol Industrial Chain Analysis

Table Raw Materials Sources of Bio-ethanol Major Players/Manufacturers in 2016

Table Major Buyers of Bio-ethanol

Table Distributors/Traders List

Figure Japan Bio-ethanol Sales (K MT) and Growth Rate (%) Forecast (2017-2022)

Figure Japan Bio-ethanol Revenue (Million USD) and Growth Rate Forecast (2017-2022)

Figure Japan Bio-ethanol Price (USD/MT) Trend Forecast (2017-2022)

Figure Global Bio-ethanol Sales (K MT) and Growth Rate (%) Forecast (2017-2022)

Figure Global Bio-ethanol Revenue (Million USD) and Growth Rate Forecast (2017-2022)

Figure Global Bio-ethanol Price (USD/MT) Trend Forecast (2017-2022)

Table Japan Bio-ethanol Sales (K MT) Forecast by Type (2017-2022)

Table Global Bio-ethanol Sales (K MT) Forecast by Type (2017-2022)

Figure Japan Bio-ethanol Sales (K MT) Forecast by Type (2017-2022)

Figure Global Bio-ethanol Sales (K MT) Forecast by Type (2017-2022)

Figure Japan Bio-ethanol Sales Volume Market Share Forecast by Type in 2017

Figure Global Bio-ethanol Sales Volume Market Share Forecast by Type in 2017

Table Japan Bio-ethanol Sales (K MT) Forecast by Application (2017-2022)

Figure Japan Bio-ethanol Sales Volume Market Share Forecast by Application (2017-2022)

Figure Japan Bio-ethanol Sales Volume Market Share Forecast by Application in 2017

Table Global Bio-ethanol Sales (K MT) Forecast by Application (2017-2022)

Figure Global Bio-ethanol Sales Volume Market Share Forecast by Application (2017-2022)

Figure Global Bio-ethanol Sales Volume Market Share Forecast by Application in 2017

Table Japan Bio-ethanol Sales (K MT) Forecast by Regions (2017-2022)

Table Japan Bio-ethanol Sales Volume Share Forecast by Regions (2017-2022)

Figure Japan Bio-ethanol Sales Volume Share Forecast by Regions (2017-2022)

Table Global Bio-ethanol Sales (K MT) Forecast by Regions (2017-2022)

Table Global Bio-ethanol Sales Volume Share Forecast by Regions (2017-2022)

Figure Global Bio-ethanol Sales Volume Share Forecast by Regions (2017-2022)

Table Research Programs/Design for This Report

Figure Bottom-up and Top-down Approaches for This Report

Figure Data Triangulation

Table Key Data Information from Secondary Sources

Table Key Data Information from Primary Sources

## I would like to order

Product name: 2017-2022 Global and Japan Bio-ethanol Market Analysis Report

Product link: <https://marketpublishers.com/r/2FB2B98F948EN.html>

Price: US\$ 3,085.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/2FB2B98F948EN.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