

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

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Abstracts

Ethanol, also known as ethyl alcohol or grain alcohol, is a colorless liquid produced by fermenting carbohydrates found in a number of different types of grains, such as corn, wheat and sorghum, and other cellulosic matter found in plants. Most of the ethanol produced in the United States is made from corn because it contains large quantities of carbohydrates that convert into glucose more easily than most other kinds of biomass, can be handled efficiently and is in greater supply than other grains. One bushel, or 56 pounds, of corn, produces approximately 2.8 gallons of ethanol, 16.5 pounds of distiller grains and 0.6 pounds of corn oil. Outside of the United States, sugarcane is the primary feedstock used in ethanol production.

Scope of the Report:

This report focuses on the Ethanol 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. The United States ethanol industry is supported by federal and state legislation and regulation. For example, the Energy Independence and Security Act of 2007, which was signed into law in December 2007, significantly increased the prior national RFS. Under the national RFS, the mandated use of all renewable fuels rises incrementally in succeeding years and peaks at 36.0 billion gallons by 2022. Under the national RFS, approximately 13.6 billion gallons in 2014 and 14.5 billion gallons in 2015 were required from conventional, or corn-based, ethanol. Under the national RFS, 14.4 billion gallons are required from conventional ethanol in 2016. The national RFS allows the Environmental Protection Agency, or EPA, to adjust the annual requirement based on certain facts.

The largest ethanol producers in the United States are Archer Daniels Midland Company and Valero Energy Corporation, collectively with over 20% of the total installed ethanol production capacity in the United States. In addition, there are many mid-size producers with several plants under ownership, smaller producers with one or two plants, and several ethanol marketers that create significant competition. Overall, we believe there are over 200 ethanol production facilities in the United States with a total installed production capacity of approximately 15.6 billion gallons.

We believe that approximately 90% of the ethanol produced in the United States is made in the Midwest from corn. According to the Department of Energy, or DOE, ethanol is generally blended at a rate of 10% by volume, but is also blended at a rate of up to 85% by volume for vehicles designed to operate on 85% ethanol. The EPA has increased the allowable blend of ethanol in gasoline from 10% by volume to 15% by volume for model year 2001 and newer automobiles, pending final approvals by certain state regulatory authorities. Some retailers have begun blending at higher rates in states that have approved higher blend rates.

According to the DOE, total annual gasoline consumption in the United States is approximately 140 billion gallons and total annual ethanol consumption represented approximately 10% of this amount in 2014. The domestic ethanol industry has substantially reached this 10% blend ratio, and we believe the industry has significant potential for growth as the industry migrates to an up to 15% blend ratio, which would translate into an annual demand of up to 20 billion gallons of ethanol.

The worldwide market for Ethanol 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

Archer Daniels Midland

POET Biorefining

Valero

Green Plains

Flint Hills Resources

Pacific Ethanol

Big River Resources

Cargill

The Andersons Ethanol Group

White Energy

CHS Inc

Glacial Lakes Energy

Abengoa Bioenergy

DuPont Cellulosic Ethanol

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

Corn Based Ethanol

Cellulosic Ethanol

Market Segment by Applications, can be divided into

E10

E15

E85

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

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

Chapter 2, to analyze the top manufacturers of Ethanol, with sales, revenue, and price of Ethanol, 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 Ethanol, 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, Ethanol market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

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

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