

Biofuels - A Global Market Overview

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Abstracts

The concept of biofuels has existed since the invention of the motor vehicle. For instance, at the beginning of the 20th century, Henry Ford intended to power his Model Ts with ethanol, and initial diesel engines used peanut oil for running. With the discovery of enormous deposits of petroleum, gasoline and diesel was available cheaply, thereby relegating biofuels to the background. However, the recent spurt in oil prices, coupled with mounting concern related to global warming associated with carbon dioxide (CO₂), emissions have resulted in the reemergence of biofuels as viable alternatives.

This report analyses the global market for Biofuels and the product segments analyzed in this report include Ethanol and Biodiesel. Rich statistical analysis is carried out for the global and the regional markets including the North America, European Union-27 (Germany, France, Spain, United Kingdom, Poland, Benelux, Sweden and Rest of EU-27), Asia-Pacific (Australia, China, The Philippines, Thailand and Rest of Asia-Pacific), South America (Argentina, Brazil, Peru and Rest of South America) and Rest of World.

The global market for Biofuels is expected to reach about 59.2 billion gallons by 2020 from 27.4 billion gallons in 2010, registering a Compounded Annual Growth Rate (CAGR) of 8% during the analysis period, 2010-2020. Asia-Pacific is projected to be the fastest growing region in terms of both Ethanol and Biodiesel consumption with CAGRs of 16.5% and 11% respectively during the period 2010-2020. North America is expected to be the second fastest growing region for Biodiesel consumption with 15% CAGR while South America follows with 8.6%.

This 270 page global market report includes 140 charts (includes a data table and a graph for each chart), supported with meaningful and easy to understand graphical presentation, of the market. The statistical tables represent the data for the global

market by geographic region and Biofuel product segment.

The study includes the brief business profiles of 33 key global players and 74 major players across North America – 37; Europe (EU-27) – 29; Asia-Pacific – 6 and South America – 2. The report also provides the listing of the companies engaged in research, technology development, manufacturing and the supply of Biofuels. The global list of companies covers addresses, contact numbers and the website addresses of 685 companies.

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Algenol Biofuels

Archer Daniels Midland Company

Associated British Foods Plc

Aurora Algae, Inc.

Australian Renewable Fuels Limited

Blue Sky Biofuels

Blue Sugars Corporation

Bluefire Renewables, Inc.
British Petroleum Company Plc
Bunge Limited
Cargill, Inc
China Clean Energy Inc.
Clariant International Ltd
Cosan S.A.
Coskata, Inc.
ETH Bioenergia S.A.
Green Star Products, Inc.
Greenfield Ethanol Inc
Hero BX
Infinita Renovables SA
LS9, Inc
Mission Newenergy Limited
Neste Oil OYJ
Novozymes A/S
Perstorp Holding AB
POET, LLC
Royal Dutch Shell
Sekab
Sirona Fuels, Inc.
Syngenta AG
Tate & Lyle Plc
Verbio Vereinigte Bioenergie AG

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DuPont Starts its Biorefinery Construction in US
BP Biofuels Plans Biofuel Production Expansion in Brazil
LanzaTech Collaborates with Baosteel to Start Chinese Biofuel Facility Operations
DuPont Proceeds Ahead with a Biofuel Facility Construction
Abengoa Sponsors Club Deportivo Hernan Rally Team to use E85 Biofuel
Ceres Signs an Agreement with Syngenta for Commercial Growth of Sweet Sorghum
Edeniq, Aemetis Partner to Utilize Advanced Cellunator Technology
BluCon™ Unveiled by Direvo to Produce Biofuel and Chemical Carbohydrates
Sapphire Energy Establishes Strategic Alliance with Institute for Systems Biology
Beta Renewables Establishes Strategic Alliance with Novozymes
Cargill Enhancing Biodiesel Facility

Aemetis Inks Collaboration with Chevron Lummus Global
Launch of Novozymes' Avantec® Enzyme Enhances Corn Ethanol Yield
Algae.Tec and Lufthansa Collaborate to Construct Biofuels Facility in Europe
SEKAB and Dyadic Partner After Verification of AlternaFuel® CMAX™ Lignocellulosic Enzyme Mix to Break down Cellulose
First Production Run at Florida's Integrated Biorefinery completed by LS9
BP Biofuels and Texas AgriLife Research Enter into an Agreement
POET Research Partners with Agrivida to Cut Down Ethanol Production Costs
US EPA Considers Mandating E15 Ethanol-Gasoline Blend Purchase
Trash-Based Biofuels Produced by Fiberight Obtain Federal Approval
Aemetis Acquires Cilion and Keyes Ethanol Facility
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MTG Technology of ExxonMobil Utilized by Sundrop
Edeniq Unveils US CCM Biorefinery
Gevo Inks Collaboration with BioFuel Energy
Blue Sugars Sets Up Ethanol Technology at Brazil Mills
Issue of US Patent for Cellulosic Biochemical and Biofuel Technology of Aemetis
Sundrop Fuels Inaugurates Drop-in Biofuels Facility by Collaborating with ThyssenKrupp
British Petroleum Plans to Partner with Ekiti State Government for Biofuel Production
Verdi's Polaris TM B100 Biodiesel Introduced by Perstorp for Nordic Atmosphere
Application of Honeywell Green Jet Fuel to Drive Flights
Aquaflow Sets Up Next Generation Biofuels Refining Production in New Zealand
Strategic Partnership between Sweetwater Energy and BioGasol ApS
ZeaChem's Deal for Advanced Biofuels Commercial Production
DuPont Inks Collaboration with NexSteppe
POET LLC Partners with Royal DSM for Advanced Biofuel Production
RIN Integrity Standard for Biofuels in US Developed by Greenergy
Algae Partners with Holcim Lanka to build its First Sri Lankan Biofuel Facility
Evogene, SLC Agricola Extends Their Joint Biofuel Project
Novel Algae Genetic Optimization Techniques Developed by Aurora Algae
CORE BioFuel and RECAT Team Up to Produce Green Gasoline
Novozymes Starts Novel R&D Laboratories and Customer Solutions Facilities in Brazil
ADM's to Construct Largest Canadian Biodiesel Plant in Alberta
Neste Oil Starts NExBTL Renewable Diesel Facility in Netherlands
Envergent, Oilon Group Partners to Demonstrate RTP Green Fuel in Oilon XH-burner

BREL Partners with SG Biofuels for Biodiesel Production in India
LS9 Tests its UltraClean Biodiesel by Collaborating with Man Latin America
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Celanese Develops a Novel Technology for Commercial Ethanol Production
Delta BioFuels Facility in Natchez Acquired by Elevance
Launch of Raizen, a Novel Multibillion Dollar Biofuels Joint Venture by Shell and Cosan
ZeaChem Establishes Strategic Alliance with Procter & Gamble
Biofuel Production from High Fat Solid Wastes Started by Greenergy
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Algenol Biofuels

Amyris, Inc.

Archer Daniels Midland Company

Aurora Algae, Inc.

Aventine Renewable Energy, Inc.

Biofuel Energy Corp.
Blue Sky Biofuels
Blue Sugars Corporation
Bluefire Renewables, Inc.
Bunge Limited
Cargill, Inc.
Cavitation Technologies, Inc.
Cobalt Technologies, Inc.
Codexis, Inc.
Coskata, Inc.
Enerkem (Canada)
Green Star Products, Inc.
Greenfield Ethanol Inc (Canada)
Hero BX
Imperium Renewables, Inc.
Iogen Corporation (Canada)
LS9, Inc
Nextgen Biofuels, Inc.
Pacific Ethanol, Inc.
POET, LLC
Raven Biofuels International Corporation
Renewable Biofuels Inc
Renewable Energy Group, Inc.
Sapphire Energy Inc.
Sirona Fuels, Inc.
Solazyme, Inc.
Synthetic Genomics, Inc.
Valero Energy Corporation
Virent, Inc.
Zeachem Inc

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Alco Bio Fuel (Belgium)

Argent Energy (UK) Limited (United Kingdom)

Associated British Foods PLC (United Kingdom)

British Petroleum Company PLC (United Kingdom)

Clariant International Ltd (Switzerland)

Cristal Union Group (France)

Ensus Limited (United Kingdom)

Entaban Ecoenergeticas SA (Spain)

Green Biologics Limited (United Kingdom)

Greenery Biofuels Limited (United Kingdom)

Infinita Renovables SA (Spain)

Lantmannen Agroetanol AB (Sweden)

Louis Dreyfus Holding BV (The Netherlands)

Marseglia Group (Italy)
Neste Oil OYJ (Finland)
Novozymes A/S (Denmark)
Perstorp Holding AB (Sweden)
Royal Dutch Shell (The Netherlands)
Sekab (Sweden)
ST1 Biofuels Oy (Finland)
Suedzucker AG (Germany)
Syngenta AG (Switzerland)
Tate & Lyle PLC (United Kingdom)
Taurus Energy AB (Sweden)
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