Global Biofuels Industry 2016

Description: Although biofuels are mainly used to replace or supplement the traditional petroleum-based transportation fuels, they can also be deployed to generate heat and electricity. Being an alternative to fossils, biofuels can be applied to existing vehicles with little or no engine modification. Although they release CO2 when burned in internal combustion engines, they differ from fossil fuels partly because their use reduces the net emission of carbon dioxide and other gases associated with global climate change and partly because they are biodegradable.

Biofuels have had a long history of use in the transport sector. This began in the 1970s and early 1980s when a substantial increase in biofuels production and use in many countries resulted from high oil prices. But biofuels became less competitive vis-à-vis fossil fuels after the collapse of oil prices in the mid-1980s, and global interest in biofuels for transport waned considerably in the 1990s and the first years of the 21st century.

The recent sustained increase in international oil prices has once again highlighted the potential for biofuels to contribute to transport fuel demand, particularly in countries that import the bulk of fossil fuel supplies. Global concerns about the effects of fossil fuel use on the environment, as well as recognition of the benefits of energy supply diversification also support increasing biofuels production and use.

There is a lot happening in the field of biofuels, and to capture these, this research brings you the complete guide to the Global Biofuels Industry 2016. The economics of biofuels, issues facing the industry, regulatory barriers as well as incentives, technologies involved, major types of biofuels, and many other topics are discussed in depth in this report.

The report explores the near-term and longer-term global prospects for biofuels for transport, focusing mainly on the development of new markets. The Brazilian model for development of a national biofuels market is highlighted in a case study, as well as the perspective from other countries. The report also explores the elements of a national strategy on biofuels, and addresses not just the biofuels for transport angle - as critically important as that is - but also the socio-economic/sustainable development component which involves, among other matters, rural community development, environmental impacts, income generation, and the hard/foreign currency potential.

Finally, the report seeks to clarify the opportunities for international cooperation to expand biofuels production and use on a cost-effective, environmentally sustainable basis. Summing up we analyze over 30 major players in the global biofuels industry through an overview, analysis of businesses, financial analysis and a SWOT analysis.

Contents:

A. Executive Summary

B. Global Biofuels Industry
   B.1 Industry Definition
   B.2 Industry Analysis
   B.3 Value & Volume Analysis
   B.4 Industry Segmentation
   B.5 Geographical Segmentation
   B.6 Global Biofuel Industry Outlook

C. Global Biofuel Industry: Porter’s Five Forces Strategy Analysis
   C.1 Introduction
   C.2 Bargaining Power of Buyers
   C.3 Bargaining Power of Suppliers
   C.4 Competitive Rivalry in the Industry
   C.1 Threat of New Entrants
   C.6 Threat of Substitutes
D. Analysis of Major Regions
D.1 Asia Pacific
D.1.1 Industry Analysis
D.1.2 Value & Volume Analysis
D.1.3 Industry Segmentation
D.1.4 Industry Outlook
D.2 Europe
D.2.1 Industry Analysis
D.2.2 Value & Volume Analysis
D.2.3 Industry Segmentation
D.2.4 Industry Outlook
D.3 North America
D.3.1 Industry Analysis
D.3.2 Value & Volume Analysis
D.3.3 Industry Segmentation
D.3.4 Industry Outlook
D.4 South America
D.4.1 Industry Analysis
D.4.2 Value & Volume Analysis
D.4.3 Industry Segmentation
D.4.4 Industry Outlook

E. Analyzing the Major Biofuel Markets
E.1 Australia
E.1.1 Industry Analysis
E.1.2 Value & Volume Analysis
E.1.3 Industry Segmentation
E.1.4 Industry Outlook
E.2 Brazil
E.2.1 Industry Analysis
E.2.2 Value & Volume Analysis
E.2.3 Industry Segmentation
E.2.4 Industry Outlook
E.3 Canada
E.3.1 Industry Analysis
E.3.2 Value & Volume Analysis
E.3.3 Industry Segmentation
E.3.4 Industry Outlook
E.4 China
E.4.1 Industry Analysis
E.4.2 Value & Volume Analysis
E.4.3 Industry Segmentation
E.4.4 Industry Outlook
E.5 India
E.5.1 Industry Analysis
E.5.2 Value & Volume Analysis
E.5.3 Industry Segmentation
E.5.4 Industry Outlook
E.6 United Kingdom
E.6.1 Industry Analysis
E.6.2 Value & Volume Analysis
E.6.3 Industry Segmentation
E.6.4 Industry Outlook
E.7 United States
E.7.1 Industry Analysis
E.7.2 Value & Volume Analysis
E.7.3 Industry Segmentation
E.7.4 Industry Outlook

F. Economics of Biofuels
F.1 Feedstock Costs
F.2 Processing Costs
F.3 Cost of Sales & Use
List of Figures

Figure 1: Global Biofuel Consumption (in USD Million), 2011-2015
Figure 2: Volume of Biofuel Consumption Worldwide (in Million Barrels), 2011-2015
Figure 3: Industry Segmentation of the Global Biofuel Industry (% Share by Volume), 2015
Figure 4: Region-wise Share of the Global Biofuel Industry (%), 2015
Figure 5: Forecast for the Global Biofuel Industry (in USD Million), 2015-2020
Figure 6: Forecast for the Global Biofuel Industry (in Million Barrels), 2015-2020
Figure 7: Porter’s Five Forces Analysis of the Global Biofuels Industry
Figure 8: Value of Biofuel Consumption in Asia Pacific (in USD Million), 2011-2015
Figure 9: Consumption Volume of Biofuels in Asia Pacific (in Million Barrels), 2011-2015
Figure 10: Asia Pacific Biofuel Industry Segmentation (in %), 2015
Figure 11: Segmentation of the Asia Pacific Biofuel Industry by Countries (%), 2015
Figure 12: Value Forecast of Biofuel Consumption in Asia Pacific (in USD Million), 2015-2020
Figure 13: Consumption Volume Forecast of Biofuels in Asia Pacific (in Million Barrels), 2015-2020
Figure 14: Value of Biofuel Consumption in Europe (in USD Million), 2011-2015
Figure 15: Consumption Volume of Biofuels in Europe (in Million Barrels), 2011-2015
Figure 16: Europe Biofuel Industry Segmentation (in %), 2015
Figure 17: Segmentation of the Europe Biofuel Industry by Countries (in %), 2015
Figure 18: Value Forecast of Biofuel Consumption in Europe (in USD Million), 2015-2020
Figure 19: Value of Biofuel Consumption in North America (in USD Million), 2011-2015
Figure 20: Consumption Volume of Biofuels in North America (in Million Barrels), 2011-2015
Figure 21: North America Biofuel Industry Segmentation (in %), 2015
Figure 22: Segmentation of the North American Biofuel Industry by Countries (%), 2015
Figure 23: Value Forecast of Biofuel Consumption in North America (in USD Million), 2015-2020
Figure 24: Consumption Volume Forecast of Biofuels in North America (in Million Barrels), 2015-2020
Figure 25: Value of Biofuel Consumption in South America (in USD Million), 2011-2015
Figure 26: Consumption Volume of Biofuels in South America (in Million Barrels), 2011-2015
Figure 27: South America Biofuel Industry Segmentation (in %), 2015
Figure 28: Segmentation of the South America Biofuel Industry by Countries (%), 2015
Figure 29: Value Forecast of Biofuel Consumption in South America (in USD Million), 2015-2020
Figure 30: Consumption Volume Forecast of Biofuels in South America (in Million Barrels), 2015-2020
Figure 31: Value of Biofuel Consumption in Australia (in USD Million), 2011-2015
Figure 32: Consumption Volume of Biofuels in Australia (in Million Barrels), 2011-2015
Figure 33: Australia Biofuel Industry Segmentation (in %), 2015
Figure 34: Share of Australia in the Asia Pacific Biofuels Industry (%), 2015
Figure 35: Value Forecast of Biofuel Consumption in Australia (in USD Million), 2015-2020
Figure 36: Consumption Volume Forecast of Biofuels in Australia (in Million Barrels), 2015-2020
Figure 37: Value of Biofuel Consumption in Brazil (in USD Million), 2011-2015
Figure 38: Consumption Volume of Biofuels in Brazil (in Million Barrels), 2011-2015
Figure 39: Brazil Biofuel Industry Segmentation (in %), 2015
Figure 40: Share of Brazil in the Americas Biofuels Industry (%), 2015
Figure 41: Value Forecast of Biofuel Consumption in Brazil (in USD Million), 2015-2020
Figure 42: Consumption Volume Forecast of Biofuels in Brazil (in Million Barrels), 2015-2020
Figure 43: Value of Biofuel Consumption in Canada (in USD Million), 2011-2015
Figure 44: Consumption Volume of Biofuels in Canada (in Million Barrels), 2011-2015
Figure 45: Canada Biofuel Industry Segmentation (in %), 2015
Figure 46: Share of Canada in the Americas Biofuels Industry (%), 2015
Figure 47: Value Forecast of Biofuel Consumption in Canada (in USD Million), 2015-2020
Figure 48: Consumption Volume Forecast of Biofuels in Canada (in Million Barrels), 2015-2020
Figure 49: Value of Biofuel Consumption in China (in USD Million), 2011-2015
Figure 50: Consumption Volume of Biofuels in China (in Million Barrels), 2011-2015
Figure 51: China Biofuel Industry Segmentation (in %), 2015
Figure 52: Share of China in the Asia Pacific Biofuels Industry (%), 2015
Figure 53: Value Forecast of Biofuel Consumption in China (in USD Million), 2015-2020
Figure 54: Consumption Volume Forecast of Biofuels in China (in Million Barrels), 2015-2020
Figure 55: Value of Biofuel Consumption in India (in USD Million), 2011-2015
Figure 56: Consumption Volume of Biofuels in India (in Million Barrels), 2011-2015
Figure 57: Asia Pacific Biofuel Industry Segmentation (in %), 2015
Figure 58: Share of India in the Asia Pacific Biofuels Industry (%), 2015
Figure 59: Value Forecast of Biofuel Consumption in India (in USD Million), 2015-2020
Figure 60: Consumption Volume Forecast of Biofuels in India (in Million Barrels), 2015-2020
Figure 61: Value of Biofuel Consumption in the UK (in USD Million), 2011-2015
Figure 62: Consumption Volume of Biofuels in the UK (in Million Barrels), 2011-2015
Figure 63: UK Biofuel Industry Segmentation (in %), 2015
Figure 64: Share of UK in the European Biofuels Industry (%), 2015
Figure 65: Value Forecast of Biofuel Consumption in UK (in USD Million), 2015-2020
Figure 66: Consumption Volume Forecast of Biofuels in the UK (in Million Barrels), 2015-2020
Figure 67: Value of Biofuel Consumption in the US (in USD Million), 2011-2015
Figure 68: Consumption Volume of Biofuels in the US (in Million Barrels), 2011-2015
Figure 69: US Biofuel Industry Segmentation (in %), 2015
Figure 70: Share of the US in the Global Biofuels Industry (%), 2015
Figure 71: Value Forecast of Biofuel Consumption in the US (in USD Million), 2015-2020
Figure 72: Consumption Volume Forecast of Biofuels in the US (in Million Barrels), 2015-2020
Figure 73: International Prices of Crude Oil, Gasoline, and Diesel (Historical)
Figure 74: Historical Crude Oil Price
Figure 75: Financial and Economic Analysis of a Domestic Biofuel Program

List of Tables

Table 1: Global Biofuel Consumption (in USD Million), 2011-2015
Table 2: Volume of Biofuel Consumption Worldwide (in Million Barrels), 2011-2015
Table 3: Global Biofuel Industry Segmentation (in million barrels & %), 2015
Table 4: Region-wise Share of the Global Biofuel Industry (in USD Million & %), 2015
Table 5: Forecast for the Global Biofuel Industry (in USD Million), 2015-2020
Table 6: Forecast for the Global Biofuel Industry (in Million Barrels), 2015-2020
Table 7: Value of Biofuel Consumption in Asia Pacific (in USD Million), 2011-2015
Table 8: Consumption Volume of Biofuels in Asia Pacific (in Million Barrels), 2011-2015
Table 9: Asia Pacific Biofuel Industry Segmentation (in Million Barrels & %), 2015
Table 10: Segmentation of the Asia Pacific Biofuel Industry by Countries (in USD Million & %), 2015
Table 11: Value Forecast of Biofuel Consumption in Asia Pacific (in USD Million), 2015-2020
Table 12: Consumption Volume Forecast of Biofuels in Asia Pacific (in Million Barrels), 2015-2020
Table 13: Value of Biofuel Consumption in Europe (in USD Million), 2011-2015
Table 14: Consumption Volume of Biofuels in Europe (in Million Barrels), 2011-2015
Table 15: Europe Biofuel Industry Segmentation (in Million Barrels & %), 2015
Table 16: Segmentation of the Europe Biofuel Industry by Countries (in USD Million & %), 2015
Table 17: Value Forecast of Biofuel Consumption in Europe (in USD Million), 2015-2020
Table 18: Value of Biofuel Consumption in North America (in USD Million), 2011-2015
Table 19: Consumption Volume of Biofuels in North America (in Million Barrels), 2011-2015
Table 20: North America Biofuel Industry Segmentation (in Million Barrels & %), 2015
Table 21: Segmentation of the North American Biofuel Industry by Countries (in USD Million & %), 2015
Table 22: Value Forecast of Biofuel Consumption in North America (in USD Million), 2015-2020
Table 23: Consumption Volume Forecast of Biofuels in North America (in Million Barrels), 2015-2020
Table 24: Value of Biofuel Consumption in South America (in USD Million), 2011-2015
Table 25: Consumption Volume of Biofuels in South America (in Million Barrels), 2011-2015
Table 26: South America Biofuel Industry Segmentation (in Million Barrels & %), 2015
Table 27: Segmentation of the South America Biofuel Industry by Countries (in USD Million & %), 2015
Table 28: Value Forecast of Biofuel Consumption in South America (in USD Million), 2015-2020
Table 29: Consumption Volume Forecast of Biofuels in South America (in Million Barrels), 2015-2020
Table 30: Value of Biofuel Consumption in Australia (in USD Million), 2011-2015
Table 31: Consumption Volume of Biofuels in Australia (in Million Barrels), 2011-2015
Table 32: Australia Biofuel Industry Segmentation (in Million Barrels & %), 2015
Table 33: Share of Australia in the Asia Pacific Biofuels Industry (in USD Million & %), 2015
Table 34: Value Forecast of Biofuel Consumption in Australia (in USD Million), 2015-2020
Table 35: Consumption Volume Forecast of Biofuels in Australia (in Million Barrels), 2015-2020
Table 36: Value of Biofuel Consumption in Brazil (in USD Million), 2011-2015
Table 37: Consumption Volume of Biofuels in Brazil (in Million Barrels), 2011-2015
Table 38: Brazil Biofuel Industry Segmentation (in Million Barrels & %), 2015
Table 39: Share of Brazil in the Americas Biofuels Industry (in USD Million & %), 2015
Table 40: Value Forecast of Biofuel Consumption in Brazil (in USD Million), 2015-2020
Table 41: Consumption Volume Forecast of Biofuels in Brazil (in Million Barrels), 2015-2020
Table 42: Value of Biofuel Consumption in Canada (in USD Million), 2011-2015
Table 43: Consumption Volume of Biofuels in Canada (in Million Barrels), 2011-2015
Table 44: Canada Biofuel Industry Segmentation (in Million Barrels & %), 2015
Table 45: Share of Canada in the Americas Biofuels Industry (in USD Million & %), 2015
Table 46: Value Forecast of Biofuel Consumption in Canada (in USD Million), 2015-2020
Table 47: Consumption Volume Forecast of Biofuels in Canada (in Million Barrels), 2015-2020
Table 48: Value of Biofuel Consumption in China (in USD Million), 2011-2015
Table 49: Consumption Volume of Biofuels in China (in Million Barrels), 2011-2015
Table 50: China Biofuel Industry Segmentation (in Million Barrels & %), 2015
Table 51: Share of China in the Asia Pacific Biofuels Industry (in USD Million & %), 2015
Table 52: Value Forecast of Biofuel Consumption in China (in USD Million), 2015-2020
Table 53: Consumption Volume Forecast of Biofuels in China (in Million Barrels), 2015-2020
Table 54: Value of Biofuel Consumption in India (in USD Million), 2011-2015
Table 55: Consumption Volume of Biofuels in India (in Million Barrels), 2011-2015
Table 56: India Biofuel Industry Segmentation (in Million Barrels & %), 2015
Table 57: Share of India in the Asia Pacific Biofuels Industry (in USD Million & %), 2015
Table 58: Value Forecast of Biofuel Consumption in India (in USD Million), 2015-2020
Table 59: Consumption Volume Forecast of Biofuels in India (in Million Barrels), 2015-2020
Table 60: Value of Biofuel Consumption in the UK (in USD Million), 2011-2015
Table 61: Consumption Volume of Biofuels in the UK (in Million Barrels), 2011-2015
Table 62: UK Biofuel Industry Segmentation (in Million Barrels & %), 2015
Table 63: Share of UK in the European Biofuels Industry (in USD Million & %), 2015
Table 64: Value Forecast of Biofuel Consumption in UK (in USD Million), 2015-2020
Table 65: Consumption Volume Forecast of Biofuels in the UK (in Million Barrels), 2015-2020
Table 66: Value of Biofuel Consumption in the US (in USD Million), 2011-2015
Table 67: Consumption Volume of Biofuels in the US (in Million Barrels), 2011-2015
Table 68: US Biofuel Industry Segmentation (in Million Barrels & %), 2015
Table 69: Share of the US in the Global Biofuels Industry (in USD Million & %), 2015
Table 70: Value Forecast of Biofuel Consumption in US (in USD Million), 2015-2020
Table 71: Consumption Volume Forecast of Biofuels in the US (in Million Barrels), 2015-2020
Table 72: Biofuel Cost in 2015 in US$ per Liter
Table 73: Gasoline-Ethanol Blend Price Structure in Brazil in June 2015, Price for 1,000 liters
Table 74: Hydrous Ethanol Price Structure in São Paulo, Brazil, in June 2015, Price per 1,000 liters
Table 75: EU Taxation Policy for Ethanol
Table 76: Change in Lifecycle Greenhouse Gas Emissions per Kilometer Traveled
Table 77: Change in Lifecycle Greenhouse Gas Emissions per Kilometer Traveled by Replacing Diesel with Biodiesel in Conventional Compression Ignition Vehicles
Table 78: World Sugarcane Production in 2011–2015

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