

**Global Biofuels Market Report and Forecast 2024-2032**

Market Report | 2024-06-20 | 177 pages | EMR Inc.

**AVAILABLE LICENSES:**

- Single User License \$2999.00
- Five User License \$3999.00
- Corporate License \$4999.00

**Report description:**

Global Biofuels Market Report and Forecast 2024-2032

**Market Outlook**

According to the report by Expert Market Research (EMR), the global biofuels market size reached a volume of 176.61 billion litre in 2023. Aided by the increasing preference for clean fuel and the rising awareness regarding the environmental impact of traditional fuels, the market is projected to further grow at a CAGR of 4.5% between 2024 and 2032 to reach a volume of 261.88 billion litre by 2032.

Biofuels, derived from organic materials such as plant and animal waste, serve as renewable alternatives to traditional fossil fuels. Common biofuels include ethanol, biodiesel, and biogas, which are used in transportation, electricity generation, and heating. The environmental benefits of biofuels, such as reduced greenhouse gas emissions and decreased dependency on fossil fuels, make them a crucial component in the global transition to sustainable energy.

One of the primary drivers of the biofuels market growth is the increasing concern over environmental sustainability. Governments worldwide are implementing stringent regulations to curb carbon emissions and promote renewable energy. Policies such as the Renewable Fuel Standard (RFS) in the United States and the Renewable Energy Directive (RED) in the European Union are compelling industries to adopt biofuels. These regulations mandate a certain percentage of biofuels in the energy mix, significantly boosting the demand for biofuels.

The volatility of crude oil prices has led many countries to seek alternative energy sources to ensure energy security. Biofuels offer a viable solution, providing a stable and renewable energy supply. The rising oil prices make biofuels more economically competitive, further driving their adoption across various industries while enhancing the biofuels market share.

Advancements in biofuel production technologies are making the production process more efficient and cost-effective. Innovations such as second-generation biofuels, which use non-food crops and waste materials, are reducing the competition between food and fuel production. Additionally, third-generation biofuels, derived from algae, hold significant promise due to their high yield and low land-use requirements while driving the biofuels market development.

North America is a leading market for biofuels, driven by supportive government policies and significant investments in biofuel production. The United States, in particular, is a major producer and consumer of biofuels, with ethanol being the most prominent. The Renewable Fuel Standard (RFS) mandates blending biofuels with gasoline, ensuring steady demand. Additionally, Canada is

making strides in biofuel adoption, focusing on reducing carbon emissions and promoting renewable energy. The Asia Pacific region is witnessing rapid growth in the market, driven by increasing energy demand and government initiatives to reduce carbon emissions. Countries like China, India, and Indonesia are investing in biofuel production to enhance energy security and reduce environmental impact. The region's abundant agricultural resources provide ample feedstock for biofuel production, further supporting market growth.

Emerging markets, particularly in Asia Pacific and Latin America, are witnessing increasing demand for biofuels. Rapid industrialization, urbanization, and growing energy needs are driving the adoption of biofuels in these regions. Governments are implementing policies to promote biofuel production and consumption, further supporting market growth. The global push towards decarbonization is a major trend shaping the biofuels market outlook. Industries across various sectors are adopting biofuels to reduce their carbon footprint and meet sustainability targets. The transportation sector, in particular, is focusing on biofuels as a key component of its decarbonization strategy.

#### Market Segmentation

The market can be divided based on product, form, feedstock, application and region.

##### Market Breakup by Product

- Biodiesel

- Ethanol

- Wood Pellets

- Others

##### Market Breakup by Form

- Solid Biofuel

- Liquid Biofuel

- Gaseous Biofuel

##### Market Breakup by Feedstock

- Corn

- Sugarcane

- Vegetables Oils

- Others

##### Market Breakup by Application

- Transportation

- Aviation

- Energy Generation

- Heating

- Others

##### Market Breakup by Region

- North America

- Europe

- Asia Pacific

- Latin America

- Middle East and Africa

#### Competitive Landscape

The EMR report looks into the market shares, plant turnarounds, capacities, investments, and mergers and acquisitions, among other major developments, of the leading companies operating in the global biofuels market. Some of the major players explored in the report by Expert Market Research are as follows:

- Archer Daniels Midland Company

- Shell Plc

- Wilmar International Ltd.

- Cargill, Incorporated
- Chevron Corporation
- BP Plc
- Green Plains Inc.
- Abengoa S.A.
- Gevo, Inc.
- POET, LLC
- Others

## About Us

Acquire unparalleled access to critical industry insights with our comprehensive market research reports, meticulously prepared by a team of seasoned experts. These reports are designed to equip decision-makers with an in-depth understanding of prevailing market trends, competitive landscapes, and growth opportunities.

Our high-quality, data-driven analysis provides the essential framework for organisations seeking to make informed and strategic decisions in an increasingly complex and rapidly evolving business environment. By investing in our market research reports, you can ensure your organisation remains agile, proactive, and poised for success in today's competitive market.

Don't miss the opportunity to elevate your business intelligence and strengthen your strategic planning. Secure your organisation's future success by acquiring one of our Expert Market Research reports today.

\*We at Expert Market Research always strive to provide you with the latest information. The numbers in the article are only indicative and may be different from the actual report.

## Table of Contents:

- 1 Preface
- 2 Report Coverage - Key Segmentation and Scope
- 3 Report Description
  - 3.1 Market Definition and Outlook
  - 3.2 Properties and Applications
  - 3.3 Market Analysis
  - 3.4 Key Players
- 4 Key Assumptions
- 5 Executive Summary
  - 5.1 Overview
  - 5.2 Key Drivers
  - 5.3 Key Developments
  - 5.4 Competitive Structure
  - 5.5 Key Industrial Trends
- 6 Market Snapshot
  - 6.1 Global
  - 6.2 Regional
- 7 Opportunities and Challenges in the Market
- 8 Global Biofuels Market Analysis
  - 8.1 Key Industry Highlights
  - 8.2 Global Biofuels Historical Market (2018-2023)
  - 8.3 Global Biofuels Market Forecast (2024-2032)
  - 8.4 Global Biofuels Market by Product
    - 8.4.1 Biodiesel
      - 8.4.1.1 Historical Trend (2018-2023)

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

[www.scotts-international.com](http://www.scotts-international.com)

8.4.1.2 Forecast Trend (2024-2032)

#### 8.4.2 Ethanol

8.4.2.1 Historical Trend (2018-2023)

8.4.2.2 Forecast Trend (2024-2032)

#### 8.4.3 Wood Pellets

8.4.3.1 Historical Trend (2018-2023)

8.4.3.2 Forecast Trend (2024-2032)

#### 8.4.4 Others

### 8.5 Global Biofuels Market by Form

#### 8.5.1 Solid Biofuel

8.5.1.1 Historical Trend (2018-2023)

8.5.1.2 Forecast Trend (2024-2032)

#### 8.5.2 Liquid Biofuel

8.5.2.1 Historical Trend (2018-2023)

8.5.2.2 Forecast Trend (2024-2032)

#### 8.5.3 Gaseous Biofuel

8.5.3.1 Historical Trend (2018-2023)

8.5.3.2 Forecast Trend (2024-2032)

### 8.6 Global Biofuels Market by Feedstock

#### 8.6.1 Corn

8.6.1.1 Historical Trend (2018-2023)

8.6.1.2 Forecast Trend (2024-2032)

#### 8.6.2 Sugarcane

8.6.2.1 Historical Trend (2018-2023)

8.6.2.2 Forecast Trend (2024-2032)

#### 8.6.3 Vegetables Oils

8.6.3.1 Historical Trend (2018-2023)

8.6.3.2 Forecast Trend (2024-2032)

#### 8.6.4 Others

### 8.7 Global Biofuels Market by Application

#### 8.7.1 Transportation

8.7.1.1 Historical Trend (2018-2023)

8.7.1.2 Forecast Trend (2024-2032)

#### 8.7.2 Aviation

8.7.2.1 Historical Trend (2018-2023)

8.7.2.2 Forecast Trend (2024-2032)

#### 8.7.3 Energy Generation

8.7.3.1 Historical Trend (2018-2023)

8.7.3.2 Forecast Trend (2024-2032)

#### 8.7.4 Heating

8.7.4.1 Historical Trend (2018-2023)

8.7.4.2 Forecast Trend (2024-2032)

#### 8.7.5 Others

### 8.8 Global Biofuels Market by Region

#### 8.8.1 North America

8.8.1.1 Historical Trend (2018-2023)

8.8.1.2 Forecast Trend (2024-2032)

- 8.8.2 Europe
  - 8.8.2.1 Historical Trend (2018-2023)
  - 8.8.2.2 Forecast Trend (2024-2032)
- 8.8.3 Asia Pacific
  - 8.8.3.1 Historical Trend (2018-2023)
  - 8.8.3.2 Forecast Trend (2024-2032)
- 8.8.4 Latin America
  - 8.8.4.1 Historical Trend (2018-2023)
  - 8.8.4.2 Forecast Trend (2024-2032)
- 8.8.5 Middle East and Africa
  - 8.8.5.1 Historical Trend (2018-2023)
  - 8.8.5.2 Forecast Trend (2024-2032)

## 9 North America Biofuels Market Analysis

- 9.1 United States of America
  - 9.1.1 Historical Trend (2018-2023)
  - 9.1.2 Forecast Trend (2024-2032)
- 9.2 Canada
  - 9.2.1 Historical Trend (2018-2023)
  - 9.2.2 Forecast Trend (2024-2032)

## 10 Europe Biofuels Market Analysis

- 10.1 United Kingdom
  - 10.1.1 Historical Trend (2018-2023)
  - 10.1.2 Forecast Trend (2024-2032)
- 10.2 Germany
  - 10.2.1 Historical Trend (2018-2023)
  - 10.2.2 Forecast Trend (2024-2032)
- 10.3 France
  - 10.3.1 Historical Trend (2018-2023)
  - 10.3.2 Forecast Trend (2024-2032)
- 10.4 Italy
  - 10.4.1 Historical Trend (2018-2023)
  - 10.4.2 Forecast Trend (2024-2032)
- 10.5 Others

## 11 Asia Pacific Biofuels Market Analysis

- 11.1 China
  - 11.1.1 Historical Trend (2018-2023)
  - 11.1.2 Forecast Trend (2024-2032)
- 11.2 Japan
  - 11.2.1 Historical Trend (2018-2023)
  - 11.2.2 Forecast Trend (2024-2032)
- 11.3 India
  - 11.3.1 Historical Trend (2018-2023)
  - 11.3.2 Forecast Trend (2024-2032)
- 11.4 ASEAN
  - 11.4.1 Historical Trend (2018-2023)
  - 11.4.2 Forecast Trend (2024-2032)
- 11.5 Australia

11.5.1 Historical Trend (2018-2023)

11.5.2 Forecast Trend (2024-2032)

## 11.6 Others

# 12 Latin America Biofuels Market Analysis

## 12.1 Brazil

12.1.1 Historical Trend (2018-2023)

12.1.2 Forecast Trend (2024-2032)

## 12.2 Argentina

12.2.1 Historical Trend (2018-2023)

12.2.2 Forecast Trend (2024-2032)

## 12.3 Mexico

12.3.1 Historical Trend (2018-2023)

12.3.2 Forecast Trend (2024-2032)

## 12.4 Others

# 13 Middle East and Africa Biofuels Market Analysis

## 13.1 Saudi Arabia

13.1.1 Historical Trend (2018-2023)

13.1.2 Forecast Trend (2024-2032)

## 13.2 United Arab Emirates

13.2.1 Historical Trend (2018-2023)

13.2.2 Forecast Trend (2024-2032)

## 13.3 Nigeria

13.3.1 Historical Trend (2018-2023)

13.3.2 Forecast Trend (2024-2032)

## 13.4 South Africa

13.4.1 Historical Trend (2018-2023)

13.4.2 Forecast Trend (2024-2032)

## 13.5 Others

# 14 Market Dynamics

## 14.1 SWOT Analysis

14.1.1 Strengths

14.1.2 Weaknesses

14.1.3 Opportunities

14.1.4 Threats

## 14.2 Porter's Five Forces Analysis

14.2.1 Supplier's Power

14.2.2 Buyer's Power

14.2.3 Threat of New Entrants

14.2.4 Degree of Rivalry

14.2.5 Threat of Substitutes

## 14.3 Key Indicators for Demand

## 14.4 Key Indicators for Price

# 15 Trade Data Analysis (HS Code - 3826)

## 15.1 Major Exporting Countries

15.1.1 By Value

15.1.2 By Volume

## 15.2 Major Importing Countries

15.2.1 By Value

15.2.2 By Volume

## 16 Competitive Landscape

### 16.1 Market Structure

### 16.2 Company Profiles

16.2.1 Archer Daniels Midland Company

16.2.1.1 Company Overview

16.2.1.2 Product Portfolio

16.2.1.3 Demographic Reach and Achievements

16.2.1.4 Certifications

16.2.2 Shell Plc

16.2.2.1 Company Overview

16.2.2.2 Product Portfolio

16.2.2.3 Demographic Reach and Achievements

16.2.2.4 Certifications

16.2.3 Wilmar International Ltd.

16.2.3.1 Company Overview

16.2.3.2 Product Portfolio

16.2.3.3 Demographic Reach and Achievements

16.2.3.4 Certifications

16.2.4 Cargill, Incorporated

16.2.4.1 Company Overview

16.2.4.2 Product Portfolio

16.2.4.3 Demographic Reach and Achievements

16.2.4.4 Certifications

16.2.5 Chevron Corporation

16.2.5.1 Company Overview

16.2.5.2 Product Portfolio

16.2.5.3 Demographic Reach and Achievements

16.2.5.4 Certifications

16.2.6 BP Plc

16.2.6.1 Company Overview

16.2.6.2 Product Portfolio

16.2.6.3 Demographic Reach and Achievements

16.2.6.4 Certifications

16.2.7 Green Plains Inc.

16.2.7.1 Company Overview

16.2.7.2 Product Portfolio

16.2.7.3 Demographic Reach and Achievements

16.2.7.4 Certifications

16.2.8 Abengoa S.A.

16.2.8.1 Company Overview

16.2.8.2 Product Portfolio

16.2.8.3 Demographic Reach and Achievements

16.2.8.4 Certifications

16.2.9 Gevo, Inc.

16.2.9.1 Company Overview

- 16.2.9.2 Product Portfolio
- 16.2.9.3 Demographic Reach and Achievements
- 16.2.9.4 Certifications
- 16.2.10 POET, LLC
  - 16.2.10.1 Company Overview
  - 16.2.10.2 Product Portfolio
  - 16.2.10.3 Demographic Reach and Achievements
  - 16.2.10.4 Certifications
- 16.2.11 Others

## 17 Key Trends and Developments in the Market

### List of Key Figures and Tables

1. Global Biofuels Market: Key Industry Highlights, 2018 and 2032
2. Global Biofuels Historical Market: Breakup by Product (Billion Litre), 2018-2023
3. Global Biofuels Market Forecast: Breakup by Product (Billion Litre), 2024-2032
4. Global Biofuels Historical Market: Breakup by Form (Billion Litre), 2018-2023
5. Global Biofuels Market Forecast: Breakup by Form (Billion Litre), 2024-2032
6. Global Biofuels Historical Market: Breakup by Feedstock (Billion Litre), 2018-2023
7. Global Biofuels Market Forecast: Breakup by Feedstock (Billion Litre), 2024-2032
8. Global Biofuels Historical Market: Breakup by Application (Billion Litre), 2018-2023
9. Global Biofuels Market Forecast: Breakup by Application (Billion Litre), 2024-2032
10. Global Biofuels Historical Market: Breakup by Region (Billion Litre), 2018-2023
11. Global Biofuels Market Forecast: Breakup by Region (Billion Litre), 2024-2032
12. North America Biofuels Historical Market: Breakup by Country (Billion Litre), 2018-2023
13. North America Biofuels Market Forecast: Breakup by Country (Billion Litre), 2024-2032
14. Europe Biofuels Historical Market: Breakup by Country (Billion Litre), 2018-2023
15. Europe Biofuels Market Forecast: Breakup by Country (Billion Litre), 2024-2032
16. Asia Pacific Biofuels Historical Market: Breakup by Country (Billion Litre), 2018-2023
17. Asia Pacific Biofuels Market Forecast: Breakup by Country (Billion Litre), 2024-2032
18. Latin America Biofuels Historical Market: Breakup by Country (Billion Litre), 2018-2023
19. Latin America Biofuels Market Forecast: Breakup by Country (Billion Litre), 2024-2032
20. Middle East and Africa Biofuels Historical Market: Breakup by Country (Billion Litre), 2018-2023
21. Middle East and Africa Biofuels Market Forecast: Breakup by Country (Billion Litre), 2024-2032
22. Major Exporting Countries by Value
23. Major Importing Countries by Value
24. Major Exporting Countries by Volume
25. Major Importing Countries by Volume
26. Global Biofuels Market Structure

**Global Biofuels Market Report and Forecast 2024-2032**

Market Report | 2024-06-20 | 177 pages | EMR Inc.

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

**ORDER FORM:**

Select license	License	Price
	Single User License	\$2999.00
	Five User License	\$3999.00
	Corporate License	\$4999.00
		VAT
		Total

\*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

\*\* VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2026-02-18"/>
		Signature	<input type="text"/>

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

[www.scotts-international.com](http://www.scotts-international.com)