

Biofuels: Global Markets

Market Research Report | 2025-12-03 | 146 pages | BCC Research

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Report description:

Description

Report Scope

In this report, the global market for biofuels is segmented and analyzed by fuel type, end-use industry and region. The market size is provided in value (\$ million) and volume (million liters). A chapter on competitive intelligence covers the market shares of leading companies based on their product offerings and revenues generated from biofuels. It also discusses market dynamics, emerging technologies and global developments.

The report also includes emerging trends, technological advances, economic forces and technical standards. It contains a Porter's Five Forces analysis and a strengths, weaknesses, opportunities and threats (SWOT) analysis. The report also discusses the technical and commercial aspects of different types of biofuels and their utilization by different end-use industries. The report outlines the regulations and policies in different countries governing biofuel production to ensure environmental sustainability and regulatory compliance. ESG factors are also analyzed.

Report Includes

- 51 data tables and 62 additional tables
- An in-depth analysis of the global markets for biofuels
- Analyses of the global market trends, with revenue data for 2024, estimates for 2025, forecast for 2029, and projections of CAGRs through 2030
- Estimates of the current market size and revenue prospects of the global market, accompanied by a market share analysis by biofuel type, end-use industry and region
- Facts and figures pertaining to market dynamics, technological advances, regulations, prospects and the impacts of macroeconomic variables
- Impact analysis of U.S. tariff laws, as well as case study analysis of AI adoption for the global biofuels market
- Insights derived from Porter's Five Forces model, as well as an industry supply chain analysis
- A look at the regulatory frameworks regarding the use of biofuels, incentives for fuel production, and the number and capacity of

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manufacturing plants

- A relevant patent analysis, featuring key granted and published patents
- Overview of sustainability trends and ESG developments, with emphasis on consumer attitudes, as well as the ESG risk ratings and practices of leading companies
- Analysis of the industry structure, including companies' market shares and rankings, strategic initiatives, M&A activity and a venture funding outlook
- Profiles of the leading companies, including ADM, Cargill Inc., Chevron Renewable Energy Group, Green Plains Inc., and Neste

Executive Summary

Summary:

The global market for biofuels is expected to grow from \$150.9 billion in 2025 to reach \$194.7 billion by the end of 2030, at a compound annual growth rate (CAGR) of 5.2% from 2025 through 2030.

In green energy transition goals, biofuels can be used as a carbon-free substitute for fossil fuels. According to the International Energy Agency (IEA), the global biofuel demand is expected to grow by REDACTED liters to reach REDACTED liters by the end of 2026. The demand for biofuel is expected to grow by REDACTED% and surpass REDACTED liters by the end of 2028. Ethanol and renewable diesel will be responsible for two-thirds of the demand for biofuels. Bioenergy holds the largest share in global renewable energy production, accounting for more than REDACTED%. Solid and liquid biofuels are the major sources of bioenergy. Biofuels can reduce fossil fuel consumption, thereby reducing carbon emissions.

Market Dynamics and Growth Drivers

The growing focus on decarbonization of transport, along with the aviation and marine industries, is a major factor accelerating the demand for biofuels in the global market. However, the supply chain complexities and feedstock availability at competitive costs are posing significant challenges for the growth of the industry. Cultivating sufficient feedstock for biofuels drives decisions on facility locations.

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