

Global Bioenergy Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global Bioenergy market size was valued at USD 227400 million in 2023 and is forecast to a readjusted size of USD 295040 million by 2030 with a CAGR of 3.8% during review period.

Bioenergy is renewable energy made available from materials derived from biological sources. Biomass is any organic material which has stored sunlight in the form of chemical energy. As a fuel it may include wood, wood waste, straw, manure, sugarcane, and many other by-products from a variety of agricultural processes.

The growing demand for energy to keep up with the industrial spurt and the rampant urbanization has created a huge shortfall, coaxing several countries to resort to alternative energy options. The increasing pressure on the world leaders to reduce the carbon footprint and the deadly amount of greenhouse gasses is also forcing nations across the globe, especially developing countries to take up the option of bioenergy seriously. One of the key factors for the increasing demand for bioenergy is that it is derived from local feedstocks. To encourage the production of biomass feedstocks, cultivators and farmers are offered incentives by the governments. Agriculture-based economies generate huge amounts of agricultural waste. The instability in the global crude oil prices has caused a sharp decline in oil trading prices. A systemic demand-supply imbalance in the global crude oil markets, which has diminished the popularity of bioethanol, biodiesel, and other alternative renewable fuels can be attributed to the significant decline in oil price. The low crude oil prices have expanded the price gap between conventional fuels and biofuels. EMEA will be the major revenue contributor to the biomass energy market throughout the forecast period. The strong infrastructural development and economic growth will drive the growth of the bioenergy market in the region.

The Global Info Research report includes an overview of the development of the Bioenergy industry chain, the market status of Transportation (Ethanol, Biodiesel), Off-Grid Electricity (Ethanol, Biodiesel), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Bioenergy.

Regionally, the report analyzes the Bioenergy markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Bioenergy market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Bioenergy market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Bioenergy industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (GWh), revenue generated, and market share of different by Type (e.g., Ethanol, Biodiesel).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Bioenergy market.

Regional Analysis: The report involves examining the Bioenergy market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Bioenergy market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Bioenergy:

Company Analysis: Report covers individual Bioenergy manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Bioenergy. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Transportation, Off-Grid Electricity).

Technology Analysis: Report covers specific technologies relevant to Bioenergy. It assesses the current state, advancements, and potential future developments in Bioenergy areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Bioenergy market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Bioenergy market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Ethanol

Biodiesel

Hydrocarbon Fuels

Market segment by Application

Transportation

Off-Grid Electricity

Cooking

Major players covered

Archer Daniels Midland

BP

Cargill

POET

Royal Dutch Shell

Wilmar International

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Bioenergy product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Bioenergy, with price, sales, revenue and global market share of Bioenergy from 2019 to 2024.

Chapter 3, the Bioenergy competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Bioenergy breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and Bioenergy market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Bioenergy.

Chapter 14 and 15, to describe Bioenergy sales channel, distributors, customers, research findings and conclusion.

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