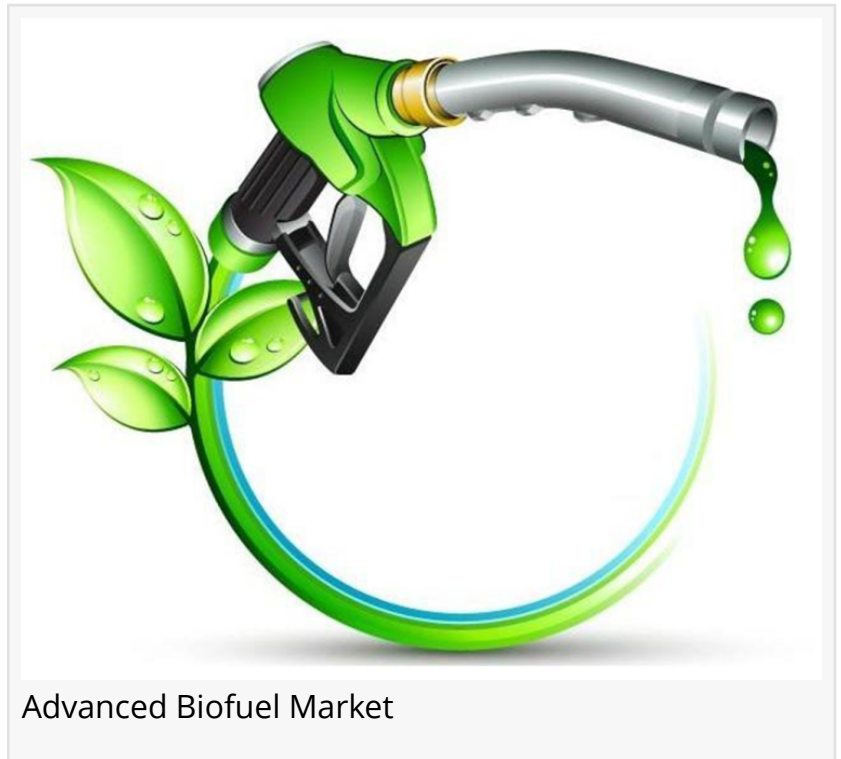


Advanced Biofuel Market to Witness Astonishing Growth by 2030 | Enerkem, Gevo, LanzaTech

Stay up to date with Advanced Biofuel Market research offered by HTF MI. Check how key trends and emerging drivers are shaping this industry growth.

PUNE, MAHARASHTRA, INDIA, March 20, 2024 /EINPresswire.com/ -- According to HTF Market Intelligence, the [Global Advanced Biofuel market](#) to witness a CAGR of 40.2% during the forecast period (2024-2030). The Latest Released Advanced Biofuel Market Research assesses the future growth potential of the Advanced Biofuel market and provides information and useful statistics on market structure and size.



This report aims to provide market intelligence and strategic insights to help decision-makers make sound investment decisions and identify potential gaps and growth opportunities. Additionally, the report identifies and analyses the changing dynamics and emerging trends along with the key drivers, challenges, opportunities and constraints in the Advanced Biofuel market. The Advanced Biofuel market size is estimated to increase by USD 265.75 Billion at a CAGR of 40.2% by 2030. The report includes historic market data from 2024 to 2030. The Current market value is pegged at USD 15.7 Billion.

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The Major Players Covered in this Report: Neste Corporation (Finland), Renewable Energy Group, Inc. (United States), Archer Daniels Midland Company (United States), Novozymes A/S (Denmark), DuPont de Nemours, Inc. (United States), Abengoa Bioenergía (Spain), Enerkem (Canada), Fulcrum BioEnergy (United States), Poet, LLC (United States), Gevo, Inc. (United States), Amyris, Inc. (United States), TerraVia Holdings, Inc. (United States), LanzaTech (United States), REG Life



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Criag Francis

Sciences, LLC (United States), Sapphire Energy (United States)

Definition:

Advanced biofuels refer to renewable and sustainable fuels produced from non-food sources, organic waste, agricultural residues, or dedicated energy crops through advanced conversion technologies. These biofuels are distinct from first-generation biofuels, such as corn-based ethanol or vegetable oil-based biodiesel, as they utilize non-food biomass and employ advanced conversion

processes to produce liquid transportation fuels. Advanced biofuels utilize diverse feedstocks, including cellulosic biomass (such as agricultural residues, wood chips, and grasses), algae, waste oils, non-food crops (like miscanthus or switchgrass), and other non-food sources.

Market Trends:

- Increasing interest in a wide range of feedstocks for advanced biofuel production, including algae, agricultural residues, woody biomass, dedicated energy crops, and waste materials, enhancing feedstock flexibility.
- Ongoing technological innovations in conversion processes (biochemical and thermochemical) and biotechnological advancements, aiming to improve efficiency, reduce costs, and enhance yields in advanced biofuel production.
- Gradual progress in transitioning from pilot-scale to commercial-scale production facilities, demonstrating the feasibility of advanced biofuel technologies and fostering market growth.

Market Drivers:

- Heightened awareness of climate change and the need to reduce greenhouse gas emissions drive the demand for low-carbon or carbon-neutral energy sources like advanced biofuels.
- The desire to reduce dependency on imported fossil fuels and enhance energy security by promoting domestically produced and renewable advanced biofuels.
- Supportive regulatory frameworks, incentives, tax credits, and renewable fuel standards encouraging the use and production of advanced biofuels.

Market Opportunities:

- Opportunities in the aviation and maritime sectors, which have stringent emissions standards, driving the demand for sustainable aviation and marine biofuels.
- Integration with broader bioenergy initiatives, offering opportunities to expand into the broader renewable energy sector, including heat and power generation.
- Opportunities for market expansion in emerging economies and regions looking to reduce dependence on fossil fuels and comply with sustainability goals.

The titled segments and sub-sections of the market are illuminated below:

In-depth analysis of Advanced Biofuel market segments by Types: Fermentation, Gasification, Pyrolysis, Others

Detailed analysis of Advanced Biofuel market segments by Applications: Waste Materials, Algae, Cellulosic Materials, others

Major Key Players of the Market: Neste Corporation (Finland), Renewable Energy Group, Inc. (United States), Archer Daniels Midland Company (United States), Novozymes A/S (Denmark), DuPont de Nemours, Inc. (United States), Abengoa Bioenergía (Spain), Enerkem (Canada), Fulcrum BioEnergy (United States), Poet, LLC (United States), Gevo, Inc. (United States), Amyris, Inc. (United States), TerraVia Holdings, Inc. (United States), LanzaTech (United States), REG Life Sciences, LLC (United States), Sapphire Energy (United States)

Geographically, the detailed analysis of consumption, revenue, market share, and growth rate of the following regions:

- The Middle East and Africa (South Africa, Saudi Arabia, UAE, Israel, Egypt, etc.)
- North America (United States, Mexico & Canada)
- South America (Brazil, Venezuela, Argentina, Ecuador, Peru, Colombia, etc.)
- Europe (Turkey, Spain, Turkey, Netherlands Denmark, Belgium, Switzerland, Germany, Russia UK, Italy, France, etc.)
- Asia-Pacific (Taiwan, Hong Kong, Singapore, Vietnam, China, Malaysia, Japan, Philippines, Korea, Thailand, India, Indonesia, and Australia).

Objectives of the Report:

- To carefully analyse and forecast the size of the Advanced Biofuel market by value and volume.
- To estimate the market shares of major segments of the Advanced Biofuel market.
- To showcase the development of the Advanced Biofuel market in different parts of the world.
- To analyse and study micro-markets in terms of their contributions to the Advanced Biofuel market, their prospects, and individual growth trends.
- To offer precise and useful details about factors affecting the growth of the Advanced Biofuel market.
- To provide a meticulous assessment of crucial business strategies used by leading companies operating in the Advanced Biofuel market, which include research and development, collaborations, agreements, partnerships, acquisitions, mergers, new developments, and product launches.

Global Advanced Biofuel Market Breakdown by By Technologies (Fermentation, Gasification, Pyrolysis, Others) by By Raw Material (Waste Materials, Algae, Cellulosic Materials, others) and by Geography (North America, South America, Europe, Asia Pacific, MEA)

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Key takeaways from the Advanced Biofuel market report:

- Detailed consideration of Advanced Biofuel market-particular drivers, Trends, constraints, Restraints, Opportunities, and major micro markets.
- Comprehensive valuation of all prospects and threats in the
- In-depth study of industry strategies for growth of the Advanced Biofuel market-leading players.
- Advanced Biofuel market latest innovations and major procedures.
- Favourable dip inside Vigorous high-tech and market latest trends remarkable the Market.
- Conclusive study about the growth conspiracy of Advanced Biofuel market for forthcoming years.

Major questions answered:

- What are influencing factors driving the demand for Advanced Biofuel near future?
- What is the impact analysis of various factors in the Global Advanced Biofuel market growth?
- What are the recent trends in the regional market and how successful they are?
- How feasible is Advanced Biofuel market for long-term investment?

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Major highlights from Table of Contents:

Advanced Biofuel Market Study Coverage:

- It includes major manufacturers, emerging player's growth story, and major business segments of Advanced Biofuel Market Size & Growth Outlook 2024-2030 market, years considered, and research objectives. Additionally, segmentation on the basis of the type of product, application, and technology.
- Advanced Biofuel Market Size & Growth Outlook 2024-2030 Market Executive Summary: It gives a summary of overall studies, growth rate, available market, competitive landscape, market drivers, trends, and issues, and macroscopic indicators.
- Advanced Biofuel Market Production by Region Advanced Biofuel Market Profile of Manufacturers-players are studied on the basis of SWOT, their products, production, value, financials, and other vital factors.

Key Points Covered in Advanced Biofuel Market Report:

- Advanced Biofuel Overview, Definition and Classification Market drivers and barriers
- Advanced Biofuel Market Competition by Manufacturers
- Advanced Biofuel Capacity, Production, Revenue (Value) by Region (2024-2030)
- Advanced Biofuel Supply (Production), Consumption, Export, Import by Region (2024-2030)
- Advanced Biofuel Production, Revenue (Value), Price Trend by Type {Fermentation, Gasification, Pyrolysis, Others}

- Advanced Biofuel Market Analysis by Application {Waste Materials, Algae, Cellulosic Materials, others}
- Advanced Biofuel Manufacturers Profiles/Analysis Advanced Biofuel Manufacturing Cost Analysis, Industrial/Supply Chain Analysis, Sourcing Strategy and Downstream Buyers, Marketing
- Strategy by Key Manufacturers/Players, Connected Distributors/Traders Standardization, Regulatory and collaborative initiatives, Industry road map and value chain Market Effect Factors Analysis.

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About Author:

HTF Market Intelligence Consulting is uniquely positioned to empower and inspire with research and consulting services to empower businesses with growth strategies, by offering services with extraordinary depth and breadth of thought leadership, research, tools, events, and experience that assist in decision-making.

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