

Bioenergy Market Competition Analysis 2025: How Players Are Shaping Growth

*The Business Research Company's
Bioenergy Global Market Report 2025 –
Market Size, Trends, And Global Forecast
2025-2034*

LONDON, GREATER LONDON, UNITED KINGDOM, December 4, 2025
/EINPresswire.com/ -- The Bioenergy market is dominated by a mix of global renewable energy corporations, technology providers, and regional biomass producers. Companies are focusing on advanced [biofuel technologies market](#), waste-to-energy conversion systems, and biomass gasification solutions to

enhance efficiency and reduce carbon emissions. Understanding the competitive landscape is essential for stakeholders aiming to leverage emerging opportunities, drive sustainable energy transitions, and establish strategic collaborations across the renewable power value chain

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It will grow to \$465.22 billion in 2029 at a compound annual growth rate (CAGR) of 9.7%”

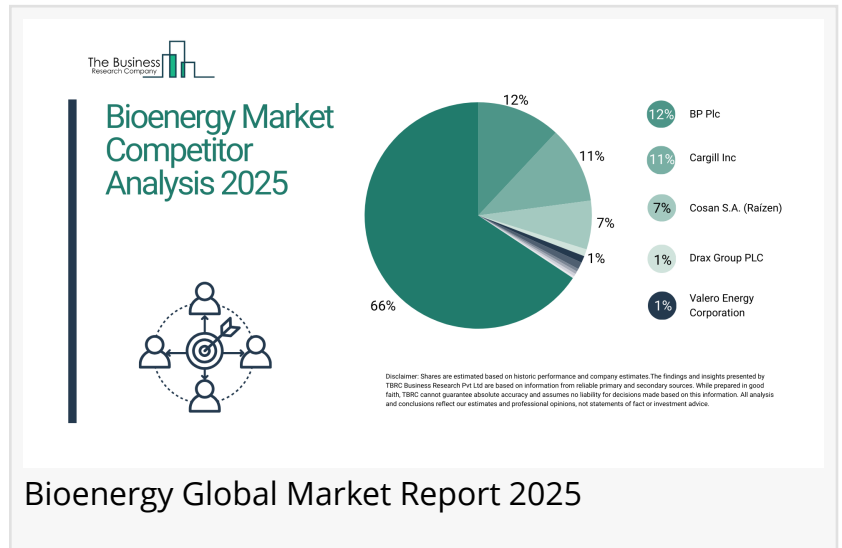
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Which Market Player Is Leading the Bioenergy Market?
According to our research, BP Plc. led global sales in 2024 with a 12% market share. The customers & products division of the company is partially involved in the bioenergy market, provides optimizing upstream and midstream operations, covering exploration, drilling, production and transportation of oil and natural gas. It also provides advanced solutions for extraction, refining

and distribution across various environments. The division also focuses on natural gas processing, liquefied natural gas (LNG) production and developing low-carbon technologies. Committed to innovation and sustainability, it enhances oil production efficiency while supporting BP's energy transition goals

How Concentrated Is the Bioenergy Market?

The market is concentrated, with the top 10 players accounting for 35% of total market revenue in 2024. This level of concentration reflects the dominance of established energy producers and



vertically integrated biofuel manufacturers with extensive global operations and supply chains. Leading companies such as BP Plc, Cargill Inc., Cosan S.A. (Raízen), Drax Group PLC, and Valero Energy Corporation maintain strong positions through large-scale [biofuel market size](#) production, diversified renewable portfolios, and strategic partnerships in biomass and waste-to-energy projects. Other notable participants, including Ørsted A/S, POET LLC, Südzucker AG (CropEnergies AG), Green Plains Inc., and MVV Energie AG, continue to expand through technological innovation, efficiency improvements, and regional collaborations. As demand for sustainable energy intensifies, the market is expected to witness further consolidation, with alliances and advanced bioenergy technologies enhancing competitiveness and operational scalability among top players.

• Leading companies include:

- o BP Plc. (12 %)
- o Cargill Inc. (11%)
- o Cosan S.A. (Raízen) (7%)
- o Drax Group PLC (1%)
- o Valero Energy Corporation (1%)
- o Ørsted A/S (1%)
- o POET LLC (0.4%)
- o Südzucker AG (CropEnergies AG) (0.4%)
- o Green Plains Inc. (0.4%)
- o MVV Energie AG (0.3%)

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Which Companies Are Leading Across Different Regions?

• North America: USA BioEnergy, EnviTec Biogas AG, POET LLC, Archer Daniels Midland Company (ADM), Renewable Energy Group (Chevron Renewable Energy Group), Green Plains Inc., Enviva Inc., Gevo Inc., Expander Energy Inc., Highbury Energy Inc., Enerkem Inc., Greenfield Global Inc., and Arbios Biotech, are some of the leading companies in this region.

• Asia Pacific: Apeiron Bioenergy, Rexus Bioenergy, Biogas Renewables Pty Ltd, V8 Environmental, Enviva Biomass, Biopower Ltd, Hitachi Zosen India Pvt. Ltd, Optimal Renewable Gas (ORG), Enerkem Inc., Drax Group plc, Ameresco Inc., Archer Daniels Midland Company, EnviTec Biogas AG, Valero Energy Corporation, Cargill Incorporated, Genomatica Inc., NDDB Mrida Limited, Thachang Green Energy Public Company Limited (TGE), Erex Co., Ltd., Clarke Energy Ltd, Seko Industries Srl, Agraferm Technologies AG, LMS Energy Pty Ltd, Universal Biofuels Private Limited, New Energy Development Co., Ltd., Asia Biogas Pte. Ltd., SGP BioEnergy LLC, DP CleanTech Group, EcoCeres Inc., Renova Inc., Japan Biofuels Supply LLP (JBSL), Biofriends Inc., REnergy Dynamics (India) Pvt. Ltd., reNIKOLA Holdings Sdn BHD, New Energy Technology Co., Ltd., Mingshuo Environment Technology Group Co., Ltd., Hubei Kexin Environmental Energy Co., Ltd., Asia Biogas Pte. Ltd., Beijing Shenwu Environment & Energy Technology Co., Ltd., and Taihei Dengyo Kaisha Ltd. are some of the leading companies in this region.

- Western Europe: CycleØ, VORN Bioenergy GmbH, Acorn Bioenergy Limited, VIDA Bioenergy AB, Drax Group plc, and Neste Oyj are some of the leading companies in this region.
- Eastern Europe: Veolia Energie ČR, Fortum Corporation, Biovela Group, Energochemica, and Dalkia Polska Sp. z o.o are some of the leading companies in this region.
- South America: Raízen, Cosan, BP Bunge Bioenergia, GranBio, Renova, Ecopetrol, Manuelita, Riopaila Castilla, Bio D, Maple Energy, and Grupo Palmas, are some of the leading companies in this region.

What Are the Major Competitive Trends in the Market?

- Adopting waste-to-energy solutions is transforming reduce dependency on fossil fuels, and support decarbonization goals.
- Example: Minas Gerais (October 2025) uses vinasse, a byproduct of sugarcane processing as its primary feedstock to produce renewable fuel.
- These innovations advances the state's transition to sustainable energy, reduces reliance on fossil fuels, and aligns with Brazil's broader energy diversification and decarbonization objectives.

Which Strategies Are Companies Adopting to Stay Ahead?

- Investing in advanced biofuel technologies to improve efficiency and reduce environmental impact.
- Expanding supply chain partnerships to secure sustainable feedstock and strengthen market reach.
- Implementing data-driven energy management systems to optimize production and reduce operational costs.
- Diversifying renewable energy portfolios by integrating solar, wind, and biomass solutions for long-term resilience.

Access the detailed Bioenergy Market report here:

<https://www.thebusinessresearchcompany.com/report/bioenergy-global-market-report>

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Contact Us:

The Business Research Company

Americas +1 310-496-7795

Europe +44 7882 955267

Asia & Others +44 7882 955267 & +91 8897263534

Email: info@tbrc.info

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LinkedIn: <https://in.linkedin.com/company/the-business-research-company>"

Oliver Guirdham

The Business Research Company

+44 7882 955267

info@tbrc.info

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