

Biomethane Market Trend 2024-2032: Strategic Collaborations for Innovation

Biomethane, also known as renewable natural gas (RNG), is produced through gasification of solid biomass or by removing CO2 and other impurities from biogas.



Biomethane Industry Overview

WILMINGTON, DE, UNITED STATES, February 4, 2025 /EINPresswire.com/ -- Allied Market Research has published a comprehensive report titled, "[Biomethane Market](#) by Feedstock (Organic Household, Animal Manure, Energy Crops, Agricultural Waste, Sewage Sludge, and Industrial Food Processing Waste), Production Method (Anaerobic Digestion, Gasification, and Fermentation), and Application (Power Generation, Automotive, and Others): Global Opportunity Analysis and Industry Forecast, 2023-2032." The report projects the biomethane industry to generate \$5.5 billion by 2032, up from \$3.1 billion in 2022, reflecting a notable CAGR of 5.7% during the forecast period.

Market Overview:

Biomethane, also known as renewable natural gas (RNG), is produced through gasification of solid biomass or by removing CO2 and other impurities from biogas. It is widely used in power generation, as vehicle fuel, and for heating purposes.

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<https://www.alliedmarketresearch.com/request-sample/12315>

Growth Drivers:

- Environmental Benefits: Biomethane reduces greenhouse gas emissions and supports sustainable energy.

- Energy Security: Enhances independence from fossil fuels and mitigates geopolitical risks.
- Versatile Applications: Utilized in various sectors including automotive and power generation.
- Financial Incentives & R&D: Supportive policies and research advancements foster market growth.

Challenges:

- Technological Complexities: High investment costs and complex production processes.
- Feedstock Availability: Limited access to sustainable waste materials in certain regions.

Despite these challenges, the biomethane market is expected to thrive as countries seek to reduce fossil fuel dependency and enhance waste management practices.

Report Coverage & Details:

- Forecast Period: 2023–2032
- Base Year: 2022
- Market Size (2022): \$3.1 billion
- Market Size (2032): \$5.5 billion
- CAGR: 5.7%
- Report Length: 267 pages
- Segments Covered: Feedstock, Production Method, Application, and Region

Key Market Segments:

Feedstock:

- Energy Crops: This segment accounted for over one-third of the market share in 2022 and is expected to grow at a CAGR of 6.0% through 2032. The high energy content and rapid growth of these crops contribute to their efficient conversion into biomethane.

Production Method:

- Anaerobic Digestion: Dominating over three-fifths of the market in 2022, this method is

anticipated to grow at a 5.8% CAGR. Continuous technological improvements and supportive policies drive this segment's growth.

Application:

- Automotive: Representing around two-thirds of the market in 2022, the automotive segment is expected to grow at a 5.9% CAGR. Biomethane's low carbon footprint and reduced emissions make it a favorable alternative to traditional fuels.

Regional Insights:

- Asia-Pacific: Holding the largest revenue share (approximately two-fifths) in 2022, APAC is projected to maintain its dominance with a 6.0% CAGR. China and India are key contributors, with investments in renewable energy and biomethane production from organic waste.

Key Market Players:

- AB HOLDING SpA
- ETW Energietechnik GmbH
- CNG Services Ltd.
- PlanET Biogas Global GmbH
- Orbital Gas Systems
- Gazasia Ltd.
- Future Biogas Ltd.
- Ecofinity
- VERBIO Vereinigte BioEnergie AG
- EnviTec Biogas AG

These companies employ various strategies such as product launches, collaborations, expansions, joint ventures, and agreements to strengthen their market presence. The report offers valuable insights into their business performance, operational divisions, product offerings, and strategic initiatives.

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About Us

Allied Market Research (AMR) is a full-service market research and business-consulting wing of Allied Analytics LLP based in Portland, Oregon. Allied Market Research provides global enterprises as well as medium and small businesses with unmatched quality of "Market Research Reports" and "Business Intelligence Solutions." AMR has a targeted view to provide business insights and consulting to assist its clients to make strategic business decisions and achieve sustainable growth in their respective market domain.

Pawan Kumar, the CEO of Allied Market Research, is leading the organization toward providing high-quality data and insights. We are in professional corporate relations with various companies and this helps us in digging out market data that helps us generate accurate research data tables and confirms utmost accuracy in our market forecasting. Each and every data presented in the reports published by us is extracted through primary interviews with top officials from leading companies of domain concerned. Our secondary data procurement methodology includes deep online and offline research and discussion with knowledgeable professionals and analysts in the industry.

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