

# Biomethane Market Size Projected to Reach Value of USD 2.95 Billion by 2027 – Reports and Data

*A rise in the level of pollution and the rising concern for the impact of fossil fuels on the planet is driving the market.*

NEW YORK CITY, NY, UNITED STATES, August 30, 2021 /EINPresswire.com/ --

The global [Biomethane Market](#) is forecast to reach USD 2.95 Billion by 2027, according to a new report by Reports and Data. An increase in the concern related to fossil-fuel emission-based power generation and the rise in focus to achieve diversity is driving the demand for the biomethane market. The availability of feedstock, encouraging government policies, and the shift in the trend for decarbonization is driving the market.



Reports And Data

Biomethane is a natural gas and a sustainable source of energy. It is produced by anaerobic digestion of waste such as green waste, agricultural waste, food industry waste, and even industrial waste. The raw material of the market is biogas and is eco-friendly in nature. Biomethane is commonly used in the automotive industry and power generation industry. It reduces the amount of carbon dioxide emissions significantly as compared to any other fuels. It is suitable for all types of transport and engine types.

The market is also driven by purely positive air surrounding the establishment of successful biogas plants in terms of reducing the volume of waste disposed into landfills and thus becoming a strong alternative fuel source that is environmentally friendly. However, the lack of implementation of processes and equipment to create a feasible waste segregation system is stifling the current rate of growth. This restricts the overall supply of feedstock to biogas plants, preventing the emergence of several new entrants into the competitive landscape.

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Key participants include CNG Services, Orbital, Gazasia, Future Biogas, JV Energen Biogas Global, Verbio, Magne Gas, Gasrec, Biogas Products, and EnviTec Biogas, among others.

Further key findings from the report suggest

- Anaerobic digestion or AD is the process in which microorganisms break into biodegradable material when no oxygen is present. The process is used to manage domestic or industrial waste or produce fuels.
- One of the feedstock for biomethane is animal manure. The materials used in the biomass are still left to be unexplored, which provides ample growth opportunities to the market.
- Biomethane is produced by a different process, and one of them is gasification. In this process, fossil fuel-based or organic-based materials are converted into hydrogen, carbon monoxide, and carbon dioxide. The segment is forecasted to grow with a CAGR of 6.0% during the forecast period.
- Biomethane is used as a substitute for natural gas and can be used as fuel in applications such as transport, heating, and power generation. It has the same properties as natural gas. In Great Britain, the gas grids are being injected with biomethane, at several biogas upgrading facilities. For instance, AB Agri anaerobic digestion plant in North Yorkshire can process almost 60,000 tonnes of waste every year, and the resultant gas is injected into the site's gas network.
- Europe is forecasted to grow the largest and is estimated to grow at a CAGR of 6.5% during the forecast year and is expected to maintain its dominance over the forecast period. In Europe, there is a strong development of on-farm and centralized biogas plants and for landfills to recover biogas in electricity production. Most biogas plants were built in Germany within Europe. This will propel the demand for the market.
- By 2030, Ireland plans to achieve 20% renewable gas on the gas network. The first-ever injection facility for biomethane is situated in Nurney, Co. Kildare, and there are plans to implement the facility throughout the country.

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For the purpose of this report, Reports and Data have segmented the global Biomethane Market on the basis of Feedstock, Production Method, End-User, and region:

Feedstock Outlook (Revenue, USD Billion; 2017-2027)

Animal Manure  
Organic Household Waste  
Agricultural Waste  
Energy Crops  
Sewage Sludge  
Industrial Food Processing Waste  
Others

Production Method Outlook (Revenue, USD Billion; 2017-2027)

Gasification  
Fermentation

End-User Outlook (Revenue, USD Billion; 2017-2027)

Automotive  
Power Generation  
Others

Regional Analysis Covers:

North America (U.S.A., Canada, Mexico)

Europe (U.K., Italy, Germany, France, Rest of Europe)

Asia Pacific (India, Japan, China, South Korea, Australia, Rest of APAC)

Latin America (Chile, Brazil, Argentina, Rest of Latin America)

Middle East & Africa (Saudi Arabia, U.A.E., South Africa, Rest of MEA)

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