

# Rapid Growth: Biogas Market Poised to Reach US\$ 10.6 Billion by 2030 at 9% CAGR | TMR

Businesses in the biogas sector are focusing on rural areas to build facilities since biogas assists in handling the increasing volume of biomass

WILMINGTON, DE, UNITED STATES, December 23, 2024 / EINPresswire.com/ -- The biogas market has witnessed robust growth, driven by government and private sector efforts to support high capital investments in biogas generation plants. Private firms are also focusing on reducing operational costs,



especially in waste-to-energy conversion of municipal waste. Recent advancements underline this trend, with the market projected to grow at a CAGR of 9% from 2020 to 2030.

In order to reduce the price of biogas, businesses across the globe have recently made large investments in R&D. In recent years, technical developments have led to a fall in the price of biogas. In the foreseeable future, it is predicted to fall even further. In the forthcoming years, it is anticipated that this drop in biogas prices is expected to drive sales of biogas market in the years to come.

# **Key Findings**

- Growing Private Sector Investment to Spur Prospects: Rise in private investments in setting up biogas plants in developed as well as developing economies is boosting the market. Consistent push by policymakers in several countries toward reducing reliance on fossil fuels has reinforced the growth opportunities for players in the global biogas market.
- Rising Adoption as Vehicle Fuel and Application in Power Generation Creates Massive

Opportunities: Growing demand for biogas as a vehicle fuel will generate substantial revenue streams. The application is replete with opportunities on the back of accelerating adoption eco-friendly vehicle fuels, globally. Additionally, substantial demand for biogas for generating heat and electricity for commercial use in cogeneration plants has generated sizable revenues in biogas market.

• Remote Monitoring Systems Gathering Traction for Small Scale Bio-digesters: The demand for systems that optimize the operations of biogas plants has led to the commercialization of remote monitoring systems especially for small-scale bio digesters. This has helped operators to identify faults in machinery in advance.

Biogas Market: Key Drivers

- Global initiatives to reduce greenhouse gas emissions of the transportation sector is a key driver of the biogas market. Worldwide, the sector is leaning on adopting sustainable practices, thereby accelerating the development of biogas production technologies.
- Stringent implementation of regulations pertaining to proper disposal of waste has broadly pivoted development of waste-to-energy plants for recycling of organic materials. A large part of the biogas product holds high potential for use in power generation.

**Key Players** 

The study offers a detailed assessment of the competition landscape including strategies implemented by leading players, their key financials, and recent investment plans.

Some of the key companies in the biogas market are WELTEC BIOPOWER GmbH, Ameresco, Biofrigas Sweden AB, EnviTec Biogas AG, PlanET Biogas Global GmbH, Future Biogas Limited, Wärtsilä, and Air Liquide.

**Biogas Market Segmentation** 

# Source

- Municipal Waste
- Animal Waste
- Agricultural Waste
- Others (including Waste from Food, Wood, Paper, and Cardboard

**End Use** 

- Power Generation
- Cogeneration
- Heat
- Others (including Fuel in Vehicles)

# Region

- · North America
- Europe
- · Asia Pacific
- · Latin America
- Middle East & Africa

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<u>Hazardous Waste Management Market</u> - Hazardous Waste Management Market is estimated to Progress at a CAGR of 5.31% during the Forecast Period 2022-2031.

<u>Floating Solar Panels Market</u> - Floating Solar Panels Market is estimated to Progress at a CAGR of 43.02% during the Forecast Period 2022-2031.

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