

# Landfill Gas Capture and Utilization Market Analysis With Opportunity Segments

*The Business Research Company's  
Landfill Gas Capture And Utilization  
Global Market Report 2024 – Market Size,  
Trends, And Global Forecast 2024-2033*

LANDON, GREATER LONDON, UK, June 24, 2024 /EINPresswire.com/ -- The [landfill gas capture and utilization market](#) has witnessed robust growth, expanding from \$2.77 billion in 2023 to \$2.99 billion in 2024, achieving a compound annual growth rate (CAGR) of 8.0%. This growth can be attributed to heightened environmental awareness, increased regulatory pressures, growing demand for renewable energy, rising landfill gas emissions, and escalating energy costs.



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Research Company

Landfill Gas Capture And Utilization Global Market  
Report 2024 – Market Size, Trends, And Global  
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<https://www.thebusinessresearchcompany.com/report/landfill-gas-capture-and-utilization-global-market-report>

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Increasing Waste Generation and Environmental Awareness Drive Market Expansion

The forecast for the landfill gas capture and utilization market indicates continued strong growth, projecting it to reach \$4.08 billion by 2028, with a CAGR of 8.1%. Factors fueling this growth include rising waste generation rates, heightened public awareness, collaborative efforts across industries, increasing energy demand, and urbanization trends. Key trends shaping the market include

technological advancements, adoption of sustainable landfill management practices, integration of renewable natural gas (RNG), and advancements in microbial fuel cells.

Explore the global landfill gas capture and utilization market with a detailed sample report: [https://www.thebusinessresearchcompany.com/sample\\_request?id=15207&type=smp](https://www.thebusinessresearchcompany.com/sample_request?id=15207&type=smp)

Rising Demand for Renewable Energy Propels Market Growth

The increasing global demand for renewable energy is a significant driver for the landfill gas

capture and utilization market. Renewable energy sources like landfill gas play a crucial role in meeting this demand by harnessing methane emissions from decomposing organic waste in landfills. This process not only reduces greenhouse gas emissions but also supports environmental sustainability initiatives worldwide.

### Key Players and Market Innovations

Leading companies such as BP PLC, Veolia Environnement SA, Enbridge Inc., and Waste Management Inc. (WM) are actively investing in advanced energy generation technologies. For example, investments in RNG facilities at landfills aim to maximize methane utilization and promote sustainable waste management practices.

Innovative projects such as Vespene Energy's collaboration with Viridi Energy demonstrate the industry's commitment to transforming landfill methane emissions into renewable natural gas. This initiative utilizes efficient energy-producing equipment to mitigate greenhouse gas emissions and foster sustainable energy solutions.

### Market Segments

- Product Type: Landfill Gas, Medium-Btu, Renewable Natural Gas
- Technology: Gas Collection Systems, Gas Treatment
- Application: Electricity Generation, Thermal or Heat Generation, Fuels

Geographical Insights: North America Leads, Asia-Pacific Poised for Rapid Growth

North America dominated the landfill gas capture and utilization market in 2023, driven by technological advancements and stringent environmental regulations. Meanwhile, Asia-Pacific is anticipated to experience the fastest growth, propelled by increasing industrialization and rising environmental concerns.

Access the complete report for an in-depth analysis of the global landfill gas capture and utilization market:

<https://www.thebusinessresearchcompany.com/report/landfill-gas-capture-and-utilization-global-market-report>

[Landfill Gas Capture And Utilization Global Market Report 2024](#) from TBRC covers the following information:

- Market size data for the forecast period: Historical and Future
- Market analysis by region: Asia-Pacific, China, Western Europe, Eastern Europe, North America, USA, South America, Middle East and Africa.
- Market analysis by countries: Australia, Brazil, China, France, Germany, India, Indonesia, Japan, Russia, South Korea, UK, USA.

Trends, opportunities, strategies and so much more.

The Landfill Gas Capture And Utilization Global Market Report 2024 by [The Business Research Company](#) is the most comprehensive report that provides insights on landfill gas capture and utilization market size, landfill gas capture and utilization market drivers and trends, landfill gas capture and utilization market major players, competitors' revenues, market positioning, and market growth across geographies. The landfill gas capture and utilization market report helps you gain in-depth insights on opportunities and strategies. Companies can leverage the data in the report and tap into segments with the highest growth potential.

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About The Business Research Company

The Business Research Company has published over 27 industries, spanning over 8000+ markets and 60+ geographies. The reports draw on 1,500,000 datasets, extensive secondary research, and exclusive insights from interviews with industry leaders.

Global Market Model – Market Intelligence Database

The Global Market Model, The Business Research Company's flagship product, is a market intelligence platform covering various macroeconomic indicators and metrics across 60 geographies and 27 industries. The Global Market Model covers multi-layered datasets that help its users assess supply-demand gaps.

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