

Bio Liquefied Petroleum Gas (LPG) Market Forecast To Hit \$2.4Billion By 2030 Amid Strong Industry Growth

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/EINPresswire.com/ -- "The [bio liquefied petroleum gas \(LPG\) market](#) is

rapidly gaining traction as the world shifts toward cleaner and more sustainable energy sources. Driven by environmental concerns and technological advancements, this sector is poised for remarkable growth in the coming years. Let's explore the current market size, key growth factors, and regional dynamics shaping the future of bio LPG.



Expected to grow to \$2.4 billion in 2030 at a compound annual growth rate (CAGR) of 32.4%"

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Rapid Market Expansion of the Bio Liquefied Petroleum Gas LPG Sector

The bio liquefied petroleum gas market has seen impressive growth recently. It is projected to increase from \$0.59 billion in 2025 to \$0.78 billion in 2026, reflecting a strong compound annual growth rate (CAGR) of 32.2%. This historical expansion is largely due to heightened concerns about greenhouse gas emissions, a rising shift

toward renewable energy options, a growing demand for cleaner cooking fuels in households, advancements in waste-to-energy technologies, and supportive government policies promoting low-carbon fuels.

Download a free sample of the bio liquefied petroleum gas (lpg) market report:

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Future Growth Outlook for the Bio Liquefied Petroleum Gas LPG Market

Looking ahead, the bio LPG market is expected to continue its rapid ascent, reaching \$2.4 billion



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by 2030, with a CAGR of 32.4% during the forecast period. Key drivers behind this anticipated growth include increased investments in sustainable fuel infrastructure, broader adoption of bio-based fuels in transportation, improvements in biomass conversion technologies, a stronger focus on circular economy principles, and expanded efforts toward industrial decarbonization. Emerging trends also highlight the growing use of renewable fuels for residential heating, increased reliance on waste-based feedstocks for bio LPG production, greater investments in advanced refining technologies, and the enlargement of distribution networks targeting rural and industrial regions. Additionally, notable progress is being made in developing low-emission industrial fuel solutions powered by bio LPG.

Defining Bio Liquefied Petroleum Gas LPG as a Sustainable Fuel Alternative

Bio liquefied petroleum gas is a renewable energy source produced from sustainable materials such as biomass, waste oils, and other organic matter. It shares a chemical similarity with conventional LPG, allowing it to be used seamlessly within existing LPG infrastructure for heating, cooking, and industrial uses. By reducing reliance on fossil fuels and lowering greenhouse gas emissions, bio LPG plays an important role in advancing the transition toward a low-carbon energy future.

View the full bio liquefied petroleum gas (lpg) market report:

https://www.thebusinessresearchcompany.com/report/bio-liquefied-petroleum-gas-lpg-market-report?utm_source=EINPresswire&utm_medium=Paid&utm_campaign=Jun_PR

Rising Awareness of Carbon Emissions Fuels Bio LPG Demand

One of the primary factors driving the bio liquefied petroleum gas market is the growing public awareness about carbon emissions. Carbon emissions, which include carbon dioxide and other greenhouse gases released mainly through fossil fuel combustion, industrial processes, and transportation, contribute significantly to global warming and climate change. As society increasingly understands the environmental impact of these emissions, there is a stronger push to reduce greenhouse gases and achieve climate neutrality. Bio LPG supports these goals by offering a cleaner alternative to traditional LPG, helping to lower emissions and promote renewable fuel use. For example, in July 2025, the European Commission reported that carbon emissions in Belgium rose by 1.3% in 2024, amounting to an increase of 665 million metric tons of CO₂ equivalent compared to 2023. Such data underscores the urgency behind the growing demand for bio LPG.

North America Leads While Asia-Pacific Emerges as the Fastest Growing Market

In 2025, North America held the largest share of the bio liquefied petroleum gas market. However, Asia-Pacific is projected to experience the fastest growth throughout the forecast period. The comprehensive market analysis also includes regions such as South East Asia, Western Europe, Eastern Europe, South America, the Middle East, and Africa, providing a broad view of global developments in this expanding market.

Our 2026 reports feature deeper market intelligence with market attractiveness scoring and

analysis, total addressable market (TAM) analysis, company scoring matrix graphics and tables, Excel-based forecasting dashboards, market hotspots infographics, key technologies and future trend analysis, and updated graphics and tables.

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