

The global methane market, valued at \$86.24 billion in 2025, is projected to experience steady growth, driven primarily by increasing demand for natural gas as a cleaner-burning fossil fuel ...

So, when natural gas leaks, energy is wasted, the planet warms and air quality drops. These leaks can be massive, like the 2015 Aliso Canyon disaster in California, which sent around ...

The global industrial methanation catalysts market is experiencing robust growth, projected to reach a market size of \$95.7 million in 2025, expanding at a compound annual growth rate ...

The global industrial biogas upgrading solutions market, valued at \$891 million in 2025, is projected to experience robust growth, driven by increasing government regulations promoting renewable energy and stringent emission reduction ...

In the global pursuit of a sustainable and inclusive energy future, balancing climate ambition, energy security, and affordability is essential. At Eni, we see natural gas not just as a "bridge" ...

Biogas upgrading is a critical process in the sustainable energy landscape, playing a key role in transforming raw biogas into a refined energy source suitable for pipeline injection. This ...

As supply chains adapt to the shifting geopolitical landscape, liquefied natural gas (LNG) is emerging as a critical buffer. It promotes energy security by enabling rapid response to supply shocks. By displacing carbon-intensive fuels like coal ...

Germany: The Largest Consumer of Russian Gas Germany: The Largest Consumer of Russian Gas (image credits: wikimedia) Germany's reliance on Russian natural gas has defined its ...

About TotalEnergies TotalEnergies is a global integrated energy company that produces and markets energies: oil and biofuels, natural gas and green gases, renewables and electricity. Our more than 100,000 employees ...

In some countries like Germany, though, crops are grown specifically for energy -- raising concerns the land could be put to better use. But to heat homes, experts say, the amount of biomethane available from ...

Gas Research Programme The Gas Programme, launched in 2003, has become one of the foremost sources of independent academic research on gaseous fuels and their role in the energy economy. The programme has ...

The industrial methanation market, valued at \$142 million in 2025, is projected to experience robust growth, driven by the increasing demand for renewable natural gas (RNG) and the ...



Natural gas sustainable energy source

Sustainable energy emphasizes energy sources that fulfill current needs, reduce environmental harm, and set up future generations for success, unlike green and renewable energy which prioritize only the current ...



Natural gas sustainable energy source

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