

Evonik contributes to Malaysia's first biomethane injection site, starting a new chapter in sustainable energy

May 23, 2025

- SEPURAN® Green membranes designed to upgrade biogas into high-quality biomethane that can be directly fed into local natural gas grids
- Evonik's advanced membrane technology requires relatively little energy and does not need any auxiliary materials or chemicals
- Gas Malaysia is a leading gas provider in the nation, committed to driving sustainable energy solutions

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Kluang, Malaysia. Evonik and Gas Malaysia recently signed a Memorandum of Collaboration, focusing on upgrading biogas into biomethane, positioning Malaysia as a leader in sustainable energy. The pivotal agreement underscores Evonik's commitment to advancing biomethane technology, and was concluded during the official inauguration of the nation's first biomethane injection site, owned by Gas Malaysia. The festive ceremony was attended by YB Datuk Seri Johari bin Abdul Ghani, Malaysia's Minister of Plantation and Commodities, and marked a historic milestone recognized by the Malaysia Book of Records.

A global leader in specialty chemicals, Evonik is a forerunner of sustainable energy solutions. Its SEPURAN® Green membranes represent a cutting-edge technology designed for efficient biogas upgrading, enabling the production of high-purity biomethane. Utilizing an innovative three-stage separation process, these membranes maximize methane recovery while minimizing energy consumption, setting them apart from traditional methods.

"With SEPURAN® Green, we are transforming biomethane production. By integrating our advanced membrane technology into Malaysia's energy infrastructure, we are paving the way for lower carbon emissions and expanding green energy opportunities," said Dr. Jan-Olaf Barth, head of Evonik's High Performance Polymers business line.

"Integrating SEPURAN® Green into biomethane upgrading is a key part of Evonik's commitment to advancing Malaysia's renewable

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energy initiatives,” said Kenneth Kwok, Managing Director and Country Head of Evonik Malaysia. “Through our collaboration with Gas Malaysia, we strive to support the nation’s long-term sustainability objectives and contribute to a cleaner, greener future.”

Widely adopted in over 1,300 biogas plants worldwide, SEPURAN® Green membranes have played a critical role in helping industries transition to cleaner energy sources. The technology, which enables biomethane to be injected into natural gas grids and used as a climate-neutral fuel, holds enormous potential for industrial applications and reinforcing circular economies across the globe.

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Evonik: Leading beyond chemistry

Evonik goes beyond the boundaries of chemistry with its combination of innovative strength and leading technological expertise. The global chemical company, headquartered in Essen, Germany, is active in more than 100 countries and generated sales of €15.2 billion and earnings (adjusted EBITDA) of €2.1 billion in 2024. The common motivation of the approximately 32,000 employees: to provide customers with a decisive competitive advantage with tailor-made products and solutions as a superforce for industry, thereby improving people's lives. In all markets. Every day.

About Advanced Technologies

The Advanced Technologies segment includes Evonik’s market-leading businesses that leverage technological expertise and process know-how. These businesses feature high-performance polymers and crosslinking agents, hydrogen peroxide and silica, as well as feed ingredients. In 2024, the segment generated sales of €6.1 billion with around 8,000 employees.

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