

TOGETHER FOR CO₂-NEUTRAL MOBILITY OF TOMORROW: BMW GROUP, LOTHER AND GERMAN EFUEL ONE SIGN LOI ON THE USE OF EFUELS FOR FIRST FILL

Berlin, 13th October 2025. The future of mobility begins today: with the ceremonial signing of a Letter of Intent (LOI), the BMW Group, LOTHER and German eFuel One reaffirm their shared vision of a climate-friendly and sustainable future. At the heart of this pioneering partnership lies a clear commitment to using CO₂-reduced fuels to actively support the climate goals set by German and European legislation.

PRESS RELEASE



From left: Glenn Schmidt (BMW), Gitta Connemann (Parliamentary State Secretary), Christian Hanke (German eFuel One), Hanspeter Tiede (LOTHER) © BMW Group

The BMW Group, one of the world's leading premium manufacturers of automobiles and motorcycles, has set benchmarks in innovation, quality, and sustainability for more than 100 years. As a pioneer of a technology-neutral approach, BMW now plans to use eFuels for the initial filling of new gasoline vehicles at selected production sites in Germany. BMW vehicles with gasoline engines built since 2010 are already compatible with eFuels (E10 standard). This underscores the company's holistic strategy, in which all technologies—from electromobility to CO₂-neutral fuels – can make a meaningful contribution to climate protection.



NORDOEL



PRESS RELEASE

Up to 90% less CO₂-emissions compared to fossil gasoline

The eFuel used is a synthetic gasoline produced in accordance with the DIN EN 228 standard, made entirely from non-fossil CO₂. It offers a climate-friendly alternative to conventional fossil gasoline and is compatible with existing vehicles – without any technical modifications. CO₂-emissions are up to 90% lower compared to fossil gasoline. Tests conducted by LOTHER also demonstrated that Performance eFuel 95 produces fewer deposits on injectors, valves, and pistons, resulting in improved engine cleanliness and extended engine life.

The synthetic fuel is produced using the Power-to-Liquid (PtL) process – an innovative method that transforms renewable energy into liquid fuel. A key component is renewable methanol, such as eMethanol derived from green hydrogen and synthesized with recycled CO₂. This renewable methanol serves as the feedstock for the subsequent Methanol-to-Gasoline (MtG) process, developed by the engineering firm CAC Engineering, based in Chemnitz.

Production plant for eGasoline to begin operation by late 2028

Starting at the end of 2028, the fuel to be used by BMW will be produced at Germany's first commercial eGasoline production facility, implemented by German eFuel One. The eFuel will meet stringent sustainability standards and deliver up to a 90% reduction in CO₂ emissions, verified through certifications such as REDcert.

“All drivetrains can – and must – reduce CO₂. Alongside electromobility, efficient combustion engines powered by renewable fuels continue to play a vital role. Since early 2025, our diesel models produced in Germany have been initially fueled with regenerative diesel HVO100. Today, we are laying the foundation for the next step: by planning the initial fill of new gasoline engines with eFuels starting in 2028, we are sending another strong signal to our customers.”

Glenn Schmidt, Vice President Global Sustainability, BMW Group



“Through this cooperation, we are sending a strong signal to accelerate the market ramp-up of eFuels in Germany. BMW is demonstrating that sustainable fuels are a vital component of tomorrow's mobility. Our goal is to make eFuels widely accessible to enable rapid and effective CO₂-reduction in the transport sector.”

Christian Hanke, CEO, German eFuel One

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“The signing of this Letter of Intent marks a pivotal step toward advancing sustainable fuels in the automotive industry. The collaboration between BMW, LOTHER and German eFuel One demonstrates that, together, we can actively shape a CO₂-neutral future. We are proud to drive this transformation and to establish eFuels as a core element of sustainable mobility solutions.”

Matthias Bartholl, CEO, Lother GmbH



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PRESS RELEASE

KlimaBenzin95: Available today at CLASSIC Station in Kirchweyhe

The synthetic fuel KlimaBenzin95 is already available at the CLASSIC gas station in Kirchweyhe, near Bremen. This E10-grade fuel uses green methanol instead of fossil resources, making it 95% petroleum-free. KlimaBenzin95 enables up to 90% lower CO₂ emissions compared to conventional fossil-based E10 gasoline – without any loss in performance. The “95” refers both to the octane rating and the high proportion of non-fossil components. The current retail price at the CLASSIC station in Kirchweyhe is € 2.29 per liter.

With the signing of the Letter of Intent, the BMW Group, LOTHER and German eFuel One are sending a strong signal in support of technological progress and climate protection in Germany. This collaboration brings together innovation, industrial expertise, and environmental responsibility – with the shared goal of shaping the future of mobility in a sustainable way. The partners demonstrate that only through joint action and the courage to explore new paths can the transition to a CO₂-neutral society be successfully achieved.



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PRESS RELEASE

About NORDOEL and Lother GmbH: The LOTHER GROUP, based in Hamburg, is a leading medium-sized family business specializing in both established and forward-looking solutions in the field of energy supply. With decades of tradition, the LOTHER GROUP has earned a reputation as a reliable partner for industry, logistics, and commerce through its brands NORDOEL and NORDENERGIE. The company focuses on delivering sustainable energy, particularly in the mobility and transport sectors. Driven by a strong commitment to innovation, the LOTHER GROUP is actively advancing the transition to green and climate-friendly energy sources. This includes the use of synthetic fuels, which the company views as a key building block in the energy transition. By combining extensive experience with a clear vision for the future, the LOTHER GROUP is shaping a sustainable and dependable energy landscape.

About BMW AG: The BMW Group, with its BMW, MINI, Rolls-Royce, and BMW Motorrad brands, is the world's leading premium manufacturer of automobiles and motorcycles, as well as a provider of premium financial services. The BMW Group's production network includes more than 30 sites worldwide, and its global sales network spans over 140 countries. In 2024, the company sold 2.45 million cars and more than 210,000 motorcycles globally. Profit before tax for the 2023 financial year totaled €17.1 billion, with revenue reaching €155.5 billion. As of 31 December 2023, the BMW Group employed 154,950 people worldwide. Long-term thinking and responsible action have always been the foundation of the company's economic success. Sustainability is a core element of the BMW Group's corporate strategy – integrated across the entire value chain, from supply and production to the end-of-life phase of its products.



NORDOEL



About German eFuel One GmbH: German eFuel One GmbH, founded in 2023, aims to establish Germany's first commercial production plant for e-petrol. The company plans to import renewable methanol derived from sustainable energy sources, which will be processed into fully drop-in-compatible synthetic petrol. Through this initiative, German eFuel One is making a significant contribution to reducing greenhouse gas emissions in the transport sector and positioning itself as a pioneer in sustainable mobility in Germany.

This press release is also available for download on the NORDOEL and German eFuel One website.

PRESS RELEASE