

Synhelion selected for German funding to build commercial synthetic fuel plant

Zurich, July 29, 2026

Synhelion has been selected for funding under the “Produktives.NRW” program of the German state of North Rhine-Westphalia (NRW), supporting the construction of a commercial demonstration plant for renewable synthetic fuels at Brainergy Park in Jülich, Germany. The program draws on around EUR 90 million in EU funding from the Just Transition Fund, which is being distributed across nine selected projects supporting industrial innovation in the Rhenish region and the northern Ruhr area.

Synhelion’s synthetic fuel plant is one of nine projects with market-ready solutions for sustainable key technologies selected in the fourth round of the Produktives.NRW funding program.

The selection supports Synhelion’s next scale-up step. The company plans to build a commercial demonstration plant in Jülich, Germany, building on the successful operation of its first plant, DAWN, and further scaling its fuel production technology. While plant DAWN de-risked and validated Synhelion’s technology at industrial scale, the next plant will establish commercial operability and make the technology bankable. The majority of the plant’s output is already covered by binding long-term offtake agreements with major customers.

“Being selected under the Produktives.NRW program is a strong endorsement of our technology and commercialization strategy, and we are grateful to the state of North Rhine-Westphalia for supporting our project. By building our next plant in Jülich, we are strengthening Germany as an industrial location for renewable synthetic fuels and contributing to a more resilient, diversified, and less import-dependent energy supply in Europe,” says Philipp Furler, Co-CEO and Co-Founder of Synhelion.

Renewable fuels made in Germany

Synhelion produces renewable synthetic fuels that can directly replace fossil fuels without requiring changes to existing engines or fuel infrastructure. Its portfolio includes sustainable aviation fuel (SAF), renewable synthetic diesel, and renewable synthetic gasoline. The fuels reduce net CO₂ emissions by up to 100% compared with fossil fuels and are aimed at sectors that are difficult to electrify, such as aviation and long-distance transportation. The planned commercial demonstration plant in Jülich will represent the next milestone in scaling Synhelion’s technology from industrial demonstration to commercial production.

Supporting industrial innovation in North Rhine-Westphalia

The Produktives.NRW program implements the European Union’s Strategic Technologies for Europe Platform (STEP) in NRW. It aims to reduce strategic dependencies, promote the development of technologies made in Europe, and strengthen the competitiveness and resilience of industry.

The program is part of the EFRE/JTF NRW 2021–2027 framework and supports strategic projects that strengthen innovation, competitiveness, and the transition toward a more sustainable economy. It is jointly run by NRW’s Ministry of Economic Affairs, Industry, Climate Action and Energy and its Ministry of the Environment, Nature and Transport. By supporting Synhelion’s technology, NRW recognizes the potential of locally produced synthetic fuels to support transport defossilization and energy security.

About Synhelion

Synhelion is a cleantech company developing scalable, competitive technology to produce renewable synthetic drop-in fuels for aviation, road, and marine transportation. Its proprietary technology enables the production of nearly CO₂-neutral fuels that are fully compatible with today's engines and fuel infrastructure. By supporting local fuel production, the technology reduces dependence on fossil fuel imports and strengthens energy security and resilience.

Since 2024, Synhelion has operated DAWN, its first industrial-scale renewable fuel plant, producing renewable synthetic jet fuel (SAF), diesel, and gasoline. Backed by strategic investors and international partners from various industries and transportation sectors, Synhelion is committed to replacing fossil fuels with synthetic fuels to contribute to a net-zero transportation sector.

For more information, please visit www.synhelion.com.

Press picture ([download](#))



Caption: Synhelion's first synthetic fuel plant DAWN in Jülich, North Rhine-Westphalia. The company's commercial demonstration plant will be built next to DAWN. Source: Synhelion.

Press kit

Further information about Synhelion as well as image and video material are available in our press kit: <https://synhelion.com/press-kit>.

Contact for press inquiries

Lisa Hilti
Synhelion Media Relations
Mobile: +41 79 816 68 25
Email: media@synhelion.com