

Synhelion advances scale-up with large-scale synthetic fuel project in Morocco

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Synhelion has signed a Memorandum of Understanding with the Government of Morocco with the aim to develop a large-scale commercial synthetic fuel plant in the country's southern Tan-Tan province. The facility is planned to produce 100'000 tons of renewable fuel per year. Synhelion has already secured a land reservation for the project site and established a branch, Synhelion Morocco – concrete steps toward implementation.

Synhelion has signed a Memorandum of Understanding (MoU) with the Ministry of Industry and Trade, the Ministry of Energy Transition and Sustainable Development, the Ministry of Investment, Convergence, and Evaluation of Public Policies, and the Investment and Export Development Agency (AMDIE) of Morocco.

The MoU lays the foundation for the development of a renewable synthetic fuel plant with a planned capacity of 100'000 tons per year. Morocco's Tan-Tan province in the region of Guelmim-Oued Noun, where the site for the plant has already been reserved, offers a promising location for the project, due to its renewable energy resources and favorable conditions for establishing a renewable fuel value chain.

"This Memorandum of Understanding reflects Morocco's ambition to attract high-impact investments that combine innovation, sustainability and industrial development. By building on the strong renewable energy potential of the Guelmim-Oued Noun region, this project has the potential to contribute to the emergence of new value chains, create local economic opportunities and strengthen the Kingdom's position as a competitive platform for green industry. We welcome Synhelion's commitment to Morocco and look forward to supporting the project as it moves toward its next stages of development," says Karim Zidane, Minister of Investment, Convergence and Evaluation of Public Policies.

Turning renewable energy into drop-in fuels

Synhelion produces renewable synthetic jet fuel, diesel, and gasoline for the transportation sector. The fuels can directly replace fossil fuels and require no changes to existing engines and fuel infrastructure. Produced from renewable energy and biogenic waste, they reduce net CO₂ emissions by up to 100% compared with fossil fuels and support a more resilient and diversified energy supply.

Expanding Synhelion's global production

Synhelion is evaluating regions worldwide to establish renewable synthetic fuel plants at commercial scale. The project in Morocco marks an important step in advancing the scale-up of its technology and supports the path toward cost-competitive renewable fuels. Its newly established Moroccan branch, Synhelion Morocco, has gained Casablanca Finance City status and positions the company within Morocco's leading international business and investment hub.

"Morocco's exceptional renewable energy resources and its clear industrial strategy make it an ideal location for scaling our synthetic fuel technology. With the Memorandum of Understanding signed, the land reservation secured, and our branch in place, we are moving from evaluation to execution and toward our first commercial-scale plant in the region. We look forward to deepening our collaboration with the Government of Morocco," says Gianluca Ambrosetti, Co-CEO and Co-Founder of Synhelion.



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: Visualization of Synhelion's planned large-scale commercial plant in Morocco. For illustration purposes only. 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>.

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