

PRESS RELEASE

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Green Birch – Sustainable Aviation Fuel project receives SEK 10 million in funding from the Swedish Energy Agency

Green Birch is a project in Umeå aimed at developing a facility for the production of Sustainable Aviation Fuel (SAF) at Umeå Eco Industrial Park. The project is based on converting residual waste (MSW) through gasification into synthesis gas. With the addition of hydrogen, methanol is produced and subsequently upgraded into aviation fuel via Methanol-to-Jet technology. The planned production volume is approximately 100,000 tonnes of aviation fuel per year, consisting of a combination of advanced bio-SAF and e-SAF (synthetic aviation fuel).

The project completed a feasibility study in 2025 and has now been granted SEK 10 million in funding from the Swedish Energy Agency for continued project development within the framework of a newly established joint venture company.

Braathens Renavia and Mana are jointly developing Green Birch through this joint venture. As part of the project, the parties have entered into a cooperation agreement with Umeå Energi and Umeå Kommunföretag to jointly assess the conditions for establishing and further developing the facility within Umeå Eco Industrial Park.

The project is currently in an early phase. Potential production start-up is planned for the early 2030s, subject to the necessary permits, financing, and commercial conditions being secured.

More information is available at: www.greenbirch.info

About the parties

About Braathens Renavia

Braathens Renavia is a Swedish project development company developing large-scale production facilities for Sustainable Aviation Fuel (SAF) based on residual streams from the forestry industry and waste. The company has its roots in the Braathens aviation business and is owned by Braganza, a long-term industrial owner originating from the Braathens sphere, and Qarlbo Energy, an investment platform focused on the energy transition and sustainable infrastructure, owned by Qarlbo and FAM (the Wallenberg foundations' holding company).

Web: www.renavia.com | www.braganza.com | www.qarlbo.com

About Mana

Mana is a Norwegian company developing projects to convert non-recyclable waste into, among other things, clean energy carriers such as solid fuels. The company is owned by NG Nordic, a Nordic provider of circular solutions and environmental services within recycling and waste management.

Web: www.managroup.no

About Umeå Energi, Umeå Kommunföretag and Umeå Eco Industrial Park

Umeå Energi is a publicly owned energy and infrastructure company in northern Sweden, playing a leading role in Europe's green industrial transition. With annual revenues of SEK 1.5 billion and more than 450 employees, the company delivers energy, power grids, and digital connectivity to a rapidly growing industrial region.

Through Umeå Eco Industrial Park – a hub for industrial symbiosis developed together with the Municipality of Umeå and the municipal group – Umeå Energi enables circular solutions where waste becomes resources, bringing together industry, academia, and the public sector to scale sustainable technologies in energy, recycling, and climate-focused innovation.

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