

INERATEC and TERTU establish Joint Venture T.H2 to build a synthetic fuel plant in Normandy

The partners have secured the site and engineering phase financing for the start of Project “BELair”

Normandy/ France, Karlsruhe/ Germany, March 25th, 2026 – The German cleantech company INERATEC and the French industrial group TERTU have formed the joint venture T.H2, marking a major step toward the development of a common synthetic fuel production plant to be located near Caen in Normandy. The plant will be developed within the “BELair” project, for which the partners are preparing an application to the European Innovation Fund. T.H2 aims to establish the first industrial facility in France converting locally sourced wood residues into sustainable synthetic fuels and waxes using Fischer-Tropsch technology. The plant follows the commissioning of ERA ONE, Europe’s first commercial-scale e-Fuel plant that has been commissioned by INERATEC in 2025.

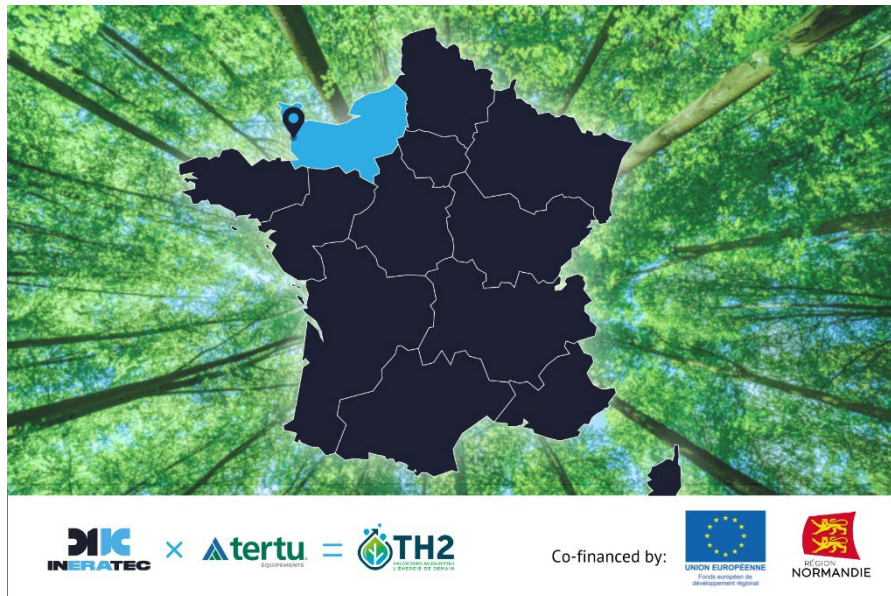
The joint venture **T.H2** unites complementary expertise from both partners. INERATEC contributes its modular Gas-to-Liquids technology platform and its experience in building, commissioning and operating industrial plants that convert synthesis gas into synthetic fuels and chemicals via the Fischer-Tropsch process. TERTU contributes its expertise in the collection, processing and valorization of wood residues as well as its strong industrial footprint in France and its regional partnerships in Normandy.

The plant will process approximately 60,000 tonnes of wood residues per year, sourced from the regional forest and industries. The wood residues will be converted into synthesis gas through gasification. Using INERATEC’s technology, this synthesis gas will then be transformed into sustainable synthetic hydrocarbons including e-SAF for aviation and base chemicals such as e-Naphtha.

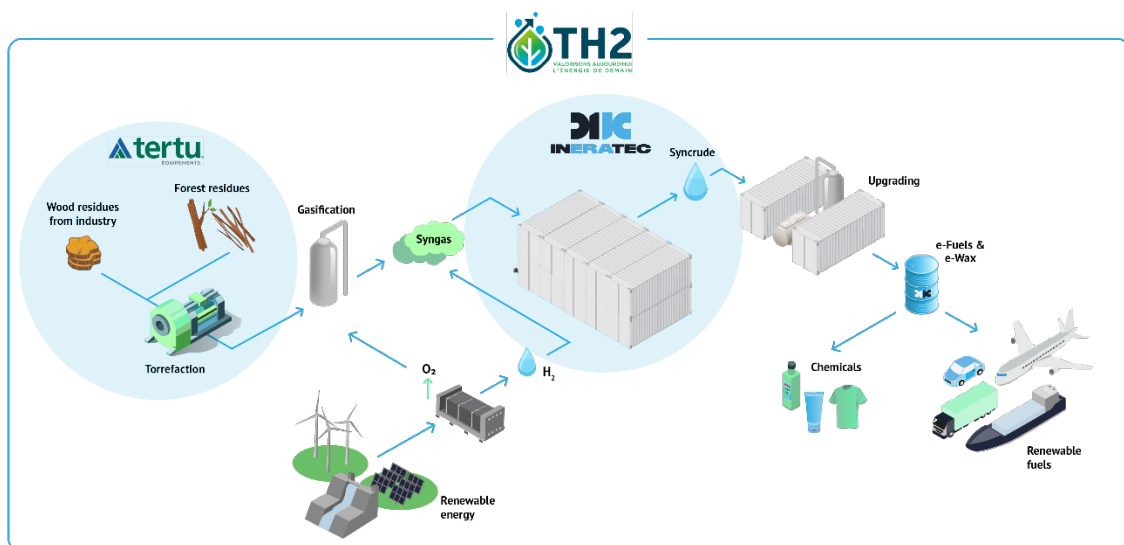
By combining biomass valorization with advanced fuel synthesis, the project BELair creates a new circular industrial value chain in the Normandy region. Local wood residues resources will be transformed into sustainable synthetic fuels that can contribute to the decarbonization of aviation and other hard-to-abate sectors.

The project represents a Franco-German industrial partnership designed to accelerate the scale-up of synthetic fuel production in Europe which is supported by BPI France and Région Normandie/ EAFRD. The project demonstrates how proven and innovative technologies can be combined to support decentralized and resilient synthetic fuel production across Europe. The partners show that fuel production through regional value chains is quickly becoming an opportunity for European energy resilience.

The project has passed first engineering phases and is currently under development near Caen, with the commissioning targeted for 2029.



Plant site near Caen, Normandy. © INERATEC



The Gas-to-Liquid process—from forest residues to synthetic hydrocarbons. © INERATEC

About TERTU Established in 1986 and headquartered in Normandy, France, TERTU is a leading designer and manufacturer of timber-metal road safety solutions. With a strong commitment to innovation and sustainability, the company is expanding into green energy by valorizing its biomass residues within circular, low-carbon industrial value chains.

INERATEC is committed to defossilizing and decarbonizing the world. The company produces e-Fuels and e-Chemicals: carbon-neutral fossil fuel substitutes for use in aviation, shipping and chemical industries.

Its modular, scalable plants use renewable hydrogen and CO₂ to produce synthetic kerosene, gasoline, diesel, waxes or methanol. INERATEC has just opened Europe's largest e-Fuels plant to date, in Frankfurt, which will produce up to 2,500 tonnes of synthetic fuel per year. The company is based in Karlsruhe, Germany and backed by a diverse group of international investors. www.ineratec.com

The project is co-financed by the **European Regional Development Fund (ERDF)**.



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