



For Immediate Release

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TFMO Equips Plug-In Hybrid Truck with Carrier Transicold All-electric Refrigeration Solutions

RUEIL-MALMAISON, France, March 8, 2022 – Refrigerated transport service company, Transports Frigorifiques des Monts d'Or (TFMO), has equipped its new Scania plug-in hybrid truck, the first of its kind in France, with an all-electric refrigeration solution from [Carrier Transicold](#). *Carrier Transicold is part of Carrier Global Corporation (NYSE: CARR), the leading global provider of healthy, safe, sustainable and intelligent building and cold chain solutions.*

This 320-horsepower vehicle features a nine-litre engine that can use conventional diesel or synthetic fuels such as hydrotreated vegetable oil or XTL. It can also operate in full electric mode with three 33-kilowatt-hour batteries that provide a range of 60 kilometres. The new 26-tonne truck will take to the roads in the Lyon area and transport goods for bioMérieux laboratories.

To supply cold air to the trailer made by Chéreau, TFMO opted for Carrier Transicold's ICELAND 11 undermount refrigeration unit and Eco-Drive™ hydroelectric module, along with an autonomous battery pack. This converts the direct current produced and stored by the truck into the alternating current required to operate the refrigeration unit. The ICELAND 11 single-temperature unit is continuously powered by the battery pack, enabling the vehicle to maintain its full range in electric mode.

"Thanks to this solution, the refrigeration unit operates continuously, which guarantees high refrigeration efficiency throughout the cold chain," said Jean-Pascal Vielfaure, Managing Director for France and Southern Europe, Carrier Transicold.

"This project is the result of a successful collaboration among TFMO, bioMérieux, Scania, Chéreau and Carrier Transicold. It perfectly highlights our ability to provide flexible refrigeration solutions for various vehicle configurations. Moreover, all-electric solutions are particularly well suited to companies in the pharmaceutical sector."

"We aim to improve the environmental footprint of our entire vehicle fleet and Carrier Transicold's electric refrigeration solutions will help us achieve that.

Combined with the synthetic HVO fuel, in comparison to a conventional set-up, we can reduce our CO₂ emissions by up to 90% while achieving excellent productivity levels in rapidly-growing urban areas," said Franck Guerpillon, Chairman and CEO, TFMO.

Carrier Transicold's ICELAND 11 single-temperature-unit provides an energy-efficient, environmentally-responsible solution that helps contribute to Carrier's goal of reducing its customers' carbon footprint by one gigaton as part of its [2030 Environmental, Social and Governance \(ESG\) goals](#).

Carrier Transicold's all-electric refrigeration solutions are part of Carrier's sustainable, healthy and safe cold-chain program set up to preserve and protect the supply of food, medication and vaccines. Find out more by visiting corporate.carrier.com/healthycoldchain or www.carriertransicold.fr. Follow Carrier Transicold on Twitter: [@SmartColdChain](https://twitter.com/SmartColdChain) and on LinkedIn: [Carrier Transicold Truck Trailer](#).

About Carrier Transicold

Carrier Transicold helps improve transport and shipping of temperature controlled cargoes with a complete line of equipment and services for refrigerated transport and cold chain visibility. For more than 50 years, Carrier Transicold has been an industry leader, providing customers around the world with advanced, energy-efficient and environmentally sustainable container refrigeration systems and generator sets, direct-drive and diesel truck units, and trailer refrigeration systems. Carrier Transicold is a part of Carrier Global Corporation, the leading global provider of healthy, safe, sustainable and intelligent building and cold chain solutions. For more information, visit transicold.carrier.com. Follow Carrier on Twitter: [@SmartColdChain](https://twitter.com/SmartColdChain) and on LinkedIn: [Carrier Transicold Truck Trailer](https://www.linkedin.com/company/carrier-transicold).

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