



Press Release

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Decarbonisation: Renault Trucks steps up its action by electrifying its in-house logistics

As a key player in the decarbonisation of transport, Renault Trucks intensifies its initiatives by electrifying its in-house logistics flows. The first stage of this project involves the electrification of axle transport between its Lyon and Bourg-en-Bresse plants. The 450,000 km driven each year between the two production sites will be handled by Dupessey & Co and Transports Chazot using five 44 t Renault Truck E-Tech T electric vehicles.

“Applying here at Renault Trucks the solutions we offer our customers”. This is how Renault Trucks could sum up its approach to the electrification of logistics, which has been up and running for a few days now.

Thanks to the launch of its electric heavy-duty truck, which marks a real step forward in inter-regional distribution, the French manufacturer has decided to switch to Renault Trucks E-Tech T 4x2 tractors for the axles supply to the Bourg-en-Bresse plant.

In practical terms, two partner hauliers have been chosen to carry out this task over the next six years, namely the Dupessey&Co Group and Transports Chazot. Five electric trucks, each loaded with 22 tonnes of equipment, will make two round trips a day (360 km) to deliver the axles, manufactured at the Lyon site, to the Bourg-en-Bresse plant, where the heavy-duty trucks are assembled.

Depending on the flow of goods, the number of deliveries can be increased, with up to seven trucks on the road in a single day. The trucks will require an interim charge of 45-50 minutes once a day at the Lyon site, where a charging station has been set up specifically for this purpose. The vehicles will also be charged every evening at the depots of the two hauliers.

This electrification of logistics will allow 440,000 kilometres to be driven by e-vehicles, saving 375 tonnes of CO₂ every year.

■ **Applying at Renault Trucks the decarbonised transport solutions and methods offered to customers**

The manufacturer has set out to be a model for industry players and its customers, by applying the decarbonised mobility solutions it offers them to its own operations.

Before electrifying its logistics flows between Lyon and Bourg-en-Bresse, the feasibility of the project needed to be studied. For this, the Renault Trucks teams used the same software they propose to customers, namely the Range Simulator. This calculates where, when and for how long charging is required, based on four main parameters: use of the truck, its load and equipment, the outside temperature and the topography.

Once this diagnosis has been completed, the required positioning of the charging facilities is established so as to ensure optimum use. As a result, two 360 KW terminals (each with 2 charge points) have been installed at the Saint-Priest site to manage the interim charges for the various trucks in optimal conditions.

“We’ve worked long and hard to electrify this first logistics route, having chosen axes between Lyon and Bourg-en-Bresse because this is a flow that is emblematic of Renault Trucks’ business, with very high operational constraints, particularly in terms of output and precision. The launch of this project is a further illustration of our expertise in decarbonising mobility”, explained Bruno Blin, President of Renault Trucks. Here at Renault Trucks, this kind of project is helping us build a new transport model. Our target for 2030 is to electrify our logistics on a huge scale, with all flows between our production sites using electric vehicles.”

Renault Trucks is currently working on the electrification of around a dozen other logistics flows, due to be operational in the months and years to come, in particular thanks to a system of relay vehicles that will enable electric trucks to be used over increasingly long distances.

À propos de Renault Trucks

Renault Trucks, constructeur français de camions, fournit aux professionnels de la route depuis 1894, des solutions de mobilité durable, de l'utilitaire léger au tracteur routier. Engagé dans la transition énergétique, Renault Trucks propose des véhicules à la consommation de carburant maîtrisée et une gamme complète de camions 100 % électriques, dont la durée d'exploitation est prolongée grâce à une approche circulaire. Renault Trucks fait partie du groupe Volvo, l'un des principaux constructeurs mondiaux de camions, d'autocars et autobus, d'engins de chantier et de moteurs industriels et marins. Le groupe fournit également des solutions complètes de financement et de service.

Chiffres clés :

9 400 collaborateurs dans le monde

4 sites de production en France

1 500 points de vente et de service

70 000 véhicules vendus en 2023

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