

DHL Express is piloting the first hydrogen truck throughout Deutsche Post DHL Group

- Apple is the first customer to test the new logistics solution
- The truck is part of a European testing program operating in the Benelux region
- The pilot is part of the de-carbonization strategy of Deutsche Post DHL Group

Bonn/Breda, November 23, 2021: DHL Express, the world's leading international express service provider, is the first within Deutsche Post DHL Group to test hydrogen-fueled trucks for the long haul. Together with its customer Apple, DHL pilots the vehicle in the Benelux region, as part of the Interreg NW Europe program H2-Share, coordinated by WaterstofNet. The program's goal is to facilitate the development of low-carbon heavy-duty vehicles on hydrogen for logistic applications and gain practical experience in different regions. It creates a transnational living lab and basis for the development of the zero-emission heavy-duty vehicle industry.

“In a globalized world, sustainable and clean fuels are essential for climate-neutral logistics. Not only for sea and air freight but also line-haul road freight, as these help reduce CO₂ emissions,” says Alberto Nobis, CEO DHL Express Europe. “That's why we engage not only in the electrification of our fleet but also invest in the development of alternative drive systems for very long ranges. The project shows that we can achieve truly emission-free logistics in Europe if we join forces and build on experience.”

While battery-electric trucks can operate efficiently within last-mile delivery, fuels from renewable energies such as hydrogen are essential for zero-emission line-haul. Due to their vast potential, DHL Express is now testing a heavy-duty vehicle, with a fuel cell range extender from VDL. The truck, operated by Dutch Nassau Sneltransport, covers a daily distance of around 200 km, running a cross-border route in the Benelux region. The truck refuels on a daily basis at a mobile fuel station from Wystrach as part of the project. It transports deliveries of DHL Express' customer Apple. During the piloting phase, up to 35 tons of CO₂ can be saved with the new technology.

In line with its Sustainability Roadmap, Deutsche Post DHL Group is heavily investing in the use of alternative fuels. Hydrogen is opening up a new market and can contribute to green transport solutions. Insights from the project help evaluate the potential of this fuel alternative and support decision-making processes.

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Note to editors:

Please find more information about the H2-Share project at [H2Share: Hydrogen Solutions for Heavy-duty transport | Interreg NWE \(nweurope.eu\)](#).

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Press release



DHL is part of Deutsche Post DHL Group. The Group generated revenues of more than 66 billion euros in 2020. With sustainable business practices and a commitment to society and the environment, the Group makes a positive contribution to the world. Deutsche Post DHL Group aims to achieve zero-emissions logistics by 2050.