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## IVECO and IVECO BUS partner with “Arena del Futuro”: towards a wireless, zero-emission mobility system

**PRESS  
RELEASE**

*Turin, 10<sup>th</sup> June 2022.* Italy’s pilot project on inductive recharging technology for electric vehicles (known as DWPT – Dynamic Wireless Power Transfer) was presented today at the “Arena del Futuro” test circuit in Chiari (Brescia). IVECO and IVECO BUS, the commercial vehicle and bus brands of Iveco Group N.V. (MI: IVG), are involved in the project alongside other industrial partners, universities and international institutions.

Coordinated by A35 Brebemi and Aleatica, the project was launched in May 2021. Its aim is to demonstrate the effectiveness and efficiency of charging electric vehicles using contactless dynamic inductive currents. The technology makes it possible for electric vehicles to recharge their batteries while travelling in dedicated lanes, thanks to an innovative system of coils positioned under the asphalt that transfer energy directly to on-board batteries.

IVECO BUS – a leader in alternative powertrains and manufacturer of the most extensive range of electric buses – contributed to the project with a 12-metre electric E-WAY, retrofitted with the necessary connectivity and recharging technology. Tests were carried out on a 1 km asphalt circuit powered by inductive currents, with the bus reaching speeds of over 70 km/h and receiving 75kW of electrical power. These test conditions are very close to real conditions, which is one of the reasons why “Arena del Futuro” is a unique project.

The benefits of inductive dynamic charging include improved energy efficiency in vehicles, a reduction in the number of batteries needed, increased cargo and passenger capacity, extended average battery life, and reduced stopping time for recharging. The technology being tested is a potential “range extender” for all types of electrified vehicles, passenger cars, buses and trucks, and can be used by both electric and fuel cell vehicles.

“Our company is more committed than ever to supporting the energy transition, so it was natural for us to collaborate on this project, bringing our experience of millions of kilometres travelled by hundreds of electric buses in real-life situations with us,” said Domenico Nucera, President of the Bus Business Unit at Iveco Group. “Induction charging technology also has exciting potential for commercial vehicles and could become an effective infrastructure platform for all e-mobility systems, not just purely electric vehicles. We will continue testing, in the belief that this technology can contribute effectively to the transition to zero-emission mobility, thanks to the benefits it offers all users.”



*Iveco Group N.V. (MI: IVG) is a global automotive leader active in the Commercial & Specialty Vehicles, Powertrain, and related Financial Services arenas. Each of its eight brands is a major force in its specific business: IVECO, a pioneering commercial vehicles brand that designs, manufactures, and markets heavy, medium, and light-duty trucks; FPT Industrial, a global leader in a vast array of advanced powertrain technologies in the agriculture, construction, marine, power generation, and commercial vehicles sectors; IVECO BUS and HEULIEZ, mass-transit and premium bus and coach brands; IDV, for highly-specialised defence and civil protection equipment; ASTRA, a leader in large-scale heavy-duty quarry and construction vehicles; MAGIRUS, the industry-reputed firefighting vehicle and equipment manufacturer; and IVECO CAPITAL, the financing arm which supports them all. Iveco Group employs approximately 34,000 people around the world and has 28 manufacturing plants and 29 R&D centres. Further information is available on the Company's website [www.ivecogroup.com](http://www.ivecogroup.com)*

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