

Press Release

IVECO BUS and Hyundai Motor Company unveil in world-premiere at Busworld in Brussels the E-WAY H2, a new fuel cell city bus

*IVECO BUS and Hyundai Motor Company unveiled today the first IVECO BUS **E-WAY H2** at Busworld 2023 in Brussels, reflecting that the partnership between the two companies in accelerating the transition to carbon neutrality has proven to be very successful working together.*

Vénissieux, 6 October 2023

In 2022, the two companies IVECO BUS, the urban, intercity and tourism bus brand of Iveco Group N.V. (EXM: IVG), and Hyundai Motor Company, represented by its group-wide fuel cell system-based hydrogen business brand HTWO, jointly announced hydrogen-powered IVECO BUS vehicles equipped with Hyundai's fuel cell system, with expected relevant advantages in terms of performance and emissions, demonstrating their ambitious goals to help accelerate the transition towards net zero carbon.

Today, they unveil the **E-WAY H2**, Fuel Cell Electric Vehicle (FCEV), which will enlarge IVECO BUS zero emission solutions for cities, within a range that currently includes last generation Battery Electric Vehicle (BEV) models, paving the way to a cleaner and greener world.

"Hyundai has been a pioneer and leader on hydrogen technology for 25 years and is the field-proven leader of hydrogen fuel cell mobility and commercial transport globally. We firmly believe this energy source is one of the fundamental pillars for achieving a sustainable society and we are delighted to share this vision with our partner Iveco Group," said Ken Ramirez, Executive Vice President and Head of Global Commercial Vehicle & Hydrogen Business at Hyundai Motor Company. *"The pioneering IVECO BUS **E-WAY H2**, powered by Hyundai's HTWO advanced fuel cell systems, reflects another concrete example of our strong commitment to accelerate the industry's net zero transformation and deliver our mission of progress for humanity."*

“We are thrilled to present the first hydrogen-powered E-WAY to the world. This exciting milestone in our sustainability journey is an outcome of the successful collaboration between IVECO BUS and Hyundai Motor Company and shows how we can, by combining our strengths, foster a people transportation system that is environmentally friendly, helping to fight climate change and create a healthier future for generations to come.” said Domenico Nucera, President, Bus Business Unit, Iveco Group.

To deliver energy and power and achieve the highest efficiency and long life of both battery and fuel cell, IVECO BUS developed a new hybrid-mid power concept taking the benefit of the most efficient fuel cell developed by Hyundai Motor Company and its in-house developed FPT Industrial batteries.

The new **E-WAY H2** city bus is equipped with Hyundai’s advanced fuel cell system installed in the rear compartment and powered by 4 hydrogen tanks located on the roof. It benefits from the SIEMENS ELFA 3 electric motor of 310 kW and one 69 kWh FPT Industrial NMC battery pack, acting as extender range which enables to use less hydrogen. The vehicle will be able to run up to 450 km under normal operating conditions.

E-WAY H2 is embedded with new electric Vehicle Control Platform (eVeCoP) software, in-house developed, to optimize the hydrogen power split strategy and reach the highest efficiency.

The new **E-WAY H2** is a low-floor city bus of 12-metre-long. Available with a choice of two or three access doors, it can accommodate up to 115 passengers according to local regulation.

The **E-WAY H2** is on display at the IVECO BUS’s booth, located in Hall 4, at the Busworld 2023 from October 7 to 12.

IVECO BUS

IVECO BUS is a brand of Iveco Group N.V. (EXM: IVG), a global leader in commercial and specialty vehicles, powertrain, and financial services, listed on the Borsa Italiana in Milan.

With a worldwide presence and a leading position in Europe in sustainable public transport, IVECO BUS supports public and private operators in all their missions, with an offer of global mobility solutions available in different energies, such as electric or powered by compressed natural gas compatible with biomethane.

The overall offer includes:

- school, intercity and tourism coaches;
- standard and articulated city buses, including BRT dedicated versions; city midibuses
- minibuses for all passenger transport missions.
- connectivity and fleet management services available through IVECO ON
- a portfolio of products and services with Energy Mobility Solutions, from simulations and design to the supply of charging stations, and installation and maintenance of the charging infrastructure

The extensive IVECO BUS and IVECO service network guarantees assistance around the world wherever an Iveco Bus vehicle is at work.

IVECO BUS employs over 5,000 people across five production units, in Annonay and Rorthais, France, Vysoké Myto, Czech Republic, Brescia and Foggia, Italy.

For further information about IVECO BUS: www.ivecobus.com

For further information about Iveco Group: www.ivecogroup.com

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