

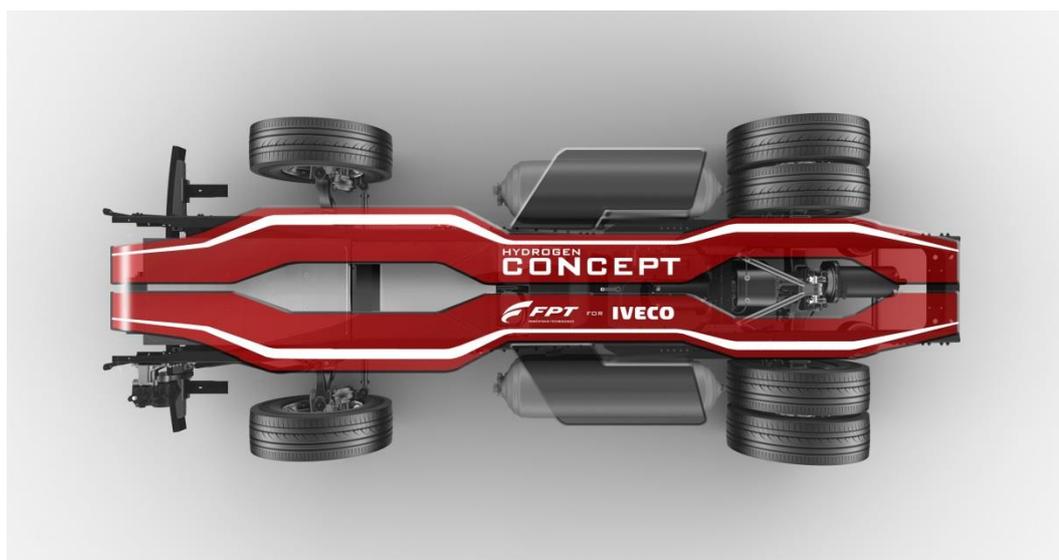
FPT INDUSTRIAL SHOWS ITS HYDROGEN FUEL CELL POWERTRAIN CONCEPT AT IAA 2018 IN HANNOVER

Turin, September 19, 2018

Within its multi-power source offering strategy, FPT Industrial is working to develop **Hydrogen Fuel Cell technology**. It represents a **Research & Development project** that in the future could lead to new zero emissions solutions specially designed for heavy duty transport: both long haulage goods delivery and long-distance / intercity passenger transport. At the 2018 edition of IAA, in Hannover, the Brand presents an **Hydrogen Fuel Cell Concept Powertrain developed by FPT Industrial for IVECO** and displayed on the IVECO stand (Hall 17 – Booth A01).



PRESS RELEASE



The Hydrogen Fuel Cell is a promising technology with high density capabilities, potentially modular and outstanding environmental credentials (zero Tank To Wheel emissions and Wheel To Wheel depending upon H₂ sourcing). **The H₂ could also become a key element in the development of a Circular Economy**, when hydrogen is produced locally through renewable sources, from Biomethane or by wind or solar energy. The purpose of **FPT Industrial's R&D project** is to study, test and overcome actual constraints to make H₂ a real "Mission Enabler" in achieving zero emission for all "high energy demanding applications" that demand significant autonomy at high load, delivering apposite performance, autonomy, efficiency and reliability.

From carbon fiber high-resistance tanks, the hydrogen flows into the fuel cells to generate electricity that powers a 400 kW electric engine. This combination – of electric and fuel cell – delivers **a zero emission vehicle**, and it identifies hydrogen as the natural evolution of Natural Gas for long-haul applications requiring **zero NO_x**, **zero PM** and **zero CO₂**.

FPT Industrial is a brand of CNH Industrial, dedicated to the design, production and sale of powertrains for on and off-road vehicles, marine and power generation applications. The company employs more than 8,000 people worldwide, in ten manufacturing plants and seven R&D Centres. The FPT Industrial sales network consists of 73 dealers and about 800 service centres in almost 100 countries. A wide product offering, including six engine ranges from 42 hp up to 1,006 hp, transmissions with maximum torque of 200 Nm up to 500 Nm, front and rear axles from 2 to 32 ton GAW (Gross Axle Weight). FPT Industrial offers the most complete Natural Gas engines line-up on the market for industrial applications, including engine ranges from 136 hp up to 460 hp. This extensive offer and a close focus on R&D activities make FPT Industrial a world leader in industrial powertrains. For further information, visit www.fptindustrial.com.

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