

IVECO, with New Holland and FPT Industrial come together to create the first single site, biomethane value chain in France

In Cestas, southwest France, the CNH Industrial brands are partners in an initiative promoted by Pot au Pin Energie, Air Liquide and Carrefour to create the first real example of a methane-based circular economy, centered at a single site in France.

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The circular economy is no longer just an idea; it is increasingly becoming a reality. In Cestas, in the French region of Nouvelle-Aquitaine, Pot au Pin Energie (a local energy company), Air Liquide (a leading gas production and distribution company), and Carrefour (one of the world's largest supermarket chains) have brought together in one location, for the first time in France, all of the elements required to create a methane value chain.

This virtuous cycle begins in the fields of Planète Végétale, a farm holding managed by Pot au Pin Energie, dedicated to growing fruit and vegetables, especially pears and carrots. The same location houses the "digester", a system that can transform 20 thousand tons of biomass a year into biomethane (derived from farm waste and scraps, as well as from intermediate energy crops), thus returning the "digestate"—the solid residue from the process and an excellent fertilizer—to the farms. The biomethane is then purified and introduced to the GRDF grid (Gaz Réseau Distribution France, a leading company in the distribution of methane in France and Europe), the same grid that, as of June 22, the day of its inauguration, will supply the brand-new service station managed by Air Liquide. This service station will be able to refuel, every day, up to 100 industrial vehicles, including heavy and light vehicles, buses and work vehicles.

This is where IVECO comes in. A brand of CNH Industrial (NYSE: CNHI / MI: CNHI), IVECO has been working with Carrefour since 2012 to promote and develop clean logistics, focusing on natural gas. This is a partnership based on the undisputed leadership of IVECO in this field, a company with the most comprehensive range of methane vehicles on the market: from light commercial vehicles, such as the Daily Blue Power Hi-Matic Natural Power; to freight vehicles, with the Eurocargo NP and Stralis NP ranges; to vehicles for urban mobility, with the Daily Minibus NP and IVECO BUS Urbanway, Crealis and Crossway LE.

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IVECO vehicles will play a key role in the Cestas virtuous system, transporting produce every day, including that from Planète Végétale, to the Carrefour chain of supermarkets; and refueling with biomethane at the local Air Liquide station, thus closing the methane value chain in an exemplary manner. CO₂ emissions for transportation will be cut to nearly zero, a result that today is achievable thanks to biomethane. Additionally, at the inauguration of the new Air Liquide service station, IVECO BUS provided natural gas shuttlebuses for the participants.

Alongside IVECO and IVECO BUS, were two other CNH Industrial brands. First, New Holland Agriculture, who exhibited their own methane tractor prototype at the inauguration, the T6.180 Methane Power. This tractor can reduce CO₂ by 10% and other emissions by 80%. The reduction in carbon dioxide reaches 95% when using biomethane, perfect for creating the virtuous cycle for an energy-independent company, such as Planète Végétale.

Lastly, FPT Industrial, the brand that provides one of the key components of all the natural gas vehicles in the Group, also attended the ceremony. Its engines can be found inside IVECO commercial vehicles, IVECO BUS buses, and the New Holland T6.180 Methane Power tractor; specifically, the Cursor 13 NG (the most powerful 100% Natural Gas engine on the market) is used by the IVECO Stralis; the Cursor NG range by IVECO BUS; while the New Holland tractor uses the 6-cylinder NEF NG. With over 20 years of experience and over 35,000 natural gas engines sold, FPT Industrial is a pioneer and a leader in this form of alternative power supply. In Cestas, its engines will be tasked with ensuring the reduced emission levels that only methane—and biomethane in particular—can offer.

CNH Industrial N.V. (NYSE: CNHI /MI: CNHI) is a global leader in the capital goods sector with established industrial experience, a wide range of products and a worldwide presence. Each of the individual brands belonging to the Company is a major international force in its specific industrial sector: Case IH, New Holland Agriculture and Steyr for tractors and agricultural machinery; Case and New Holland Construction for earth moving equipment; Iveco for commercial vehicles; Iveco Bus and Heuliez Bus for buses and coaches; Iveco Astra for quarry and construction vehicles; Magirus for firefighting vehicles; Iveco Defence Vehicles for defence and civil protection; and FPT Industrial for engines and transmissions. More information can be found on the corporate website: www.cnhindustrial.com

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