

HYVIA BACK TO HYVOLUTION WITH RENAULT MASTER CHASSIS CAB H2-TECH



MAY 11 - 12, 2022
PARIS, FRANCE

STAND
↗ J22

- For the second consecutive year, HYVIA, the joint venture between Renault Group and Plug Power dedicated to hydrogen mobility, participates in the HyVolution tradeshow, the major event for hydrogen professionals in France and Europe, on May 11 and 12 (Paris Event Center - booth J22).
- HYVIA is the only exhibitor to present a large light commercial hydrogen vehicle: Master Chassis Cab H2-TECH, conceived for tailor-made conversions, in particular with its 20m³ large volume van version.
- To discover how the fuel cell works, visit the HYVIA booth and discover a design prototype.
- HYVIA offers a portfolio of three hydrogen powered light commercial vehicles: a van, a chassis cab and a city bus, with a range of up to 500 km, as well as a complete ecosystem of H2 stations, H2 production and associated services.
- The first vehicles are expected to be on the road from mid-2022.

"All HYVIA teams will be present again this year at this major event, HyVolution. Totally mobilized, we are on track to commercialize our next hydrogen vehicles from mid-2022, as illustrated by the inauguration of our plant last March in Flins in France, where we have started the assembly and testing of our fuel cells."

David Holderbach, CEO HYVIA



Renault Master Chassis Cab H2-TECH

The vehicle exhibited at HyVolution highlights on-board hydrogen technology.

The Master Chassis Cab H2-TECH is ideal for intensive professional use with a range of almost 250 km. It has been conceived for tailor-made conversions, such as a large volume van version of 20 m³ adapted to the transport of goods with a payload of up to 1,000 kg. Master Chassis Cab H2-TECH is equipped with a 30 kW fuel cell, a 33 kWh battery and tanks containing 3 kg of hydrogen (2 tanks of 1.5 kg) at 700 bars.

A fuel cell produced in the HYVIA plant in Flins, France

A unique prototype of an open fuel cell is also on display on our stand to illustrate how it works, its components and the associated flows: hydrogen, air, water and power, for increased range.

Inaugurated on March 15, 2022, the HYVIA plant in Flins assembles and tests these 30 kW fuel cells.

Based on advanced Plug Power technology, the power of the fuel cells offered by HYVIA will be adjustable according to usages.

At the end of 2022, the plant will also start the assembly of H2 refueling stations and the production of hydrogen with a first 1 MW electrolyzer.

HYVIA: A FULL ecosystem for hydrogen mobility

Equipped with this fuel cell, the HYVIA range of hydrogen-powered light commercial vehicles with zero CO₂ emissions* offers an increased range of up to 500 km and a refueling time of 5 minutes. It includes a van version with a loading volume of 12 m³ (Master Van H2-TECH), a chassis cab version with a large volume of 20 m³ (Master Chassis Cab H2-TECH) and a minibus that can carry up to 15 passengers (Master City Bus H2-TECH).

In addition to hydrogen vehicles, HYVIA offers turnkey solutions: H2 refueling stations, production of decarbonated hydrogen, maintenance, and fleet management solutions.

Head office, engineering and R&D, plant, integration of hydrogen systems and vehicle production: HYVIA is based in France and is a major player in hydrogen in France, for marketing on European markets.

** When driving, neither CO₂ nor other regulated air pollutants, in accordance with the WLTP certification.*

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About HYVIA

“HY” for hydrogen, “VIA” for road: HYVIA paves a new way forward for carbon-free mobility, with hydrogen mobility solutions. Created in June 2021, HYVIA is a joint venture equally owned by Renault Group, a dominant player in the automotive industry, and Plug Power, a world leader in turnkey hydrogen and fuel cell solutions. Based in France, for European markets, HYVIA offers a complete and unique ecosystem that includes light commercial vehicles with fuel cells, hydrogen refueling stations, supply of carbon-free hydrogen, services for financing and maintenance of fleets.

<https://www.hyvia.eu>

About Renault Group

Renault Group is at the forefront of a mobility that is reinventing itself. Strengthened by its alliance with Nissan and Mitsubishi Motors, and its unique expertise in electrification, Renault Group comprises 5 complementary brands - Renault, Dacia, LADA, Alpine and Mobilize - offering sustainable and innovative mobility solutions to its customers. Established in more than 130



countries, the Group has sold 2.7 million vehicles in 2020. It employs more than 160,000 people who embody its Purpose every day, so that mobility brings people closer. Ready to pursue challenges both on the road and in competition, Renault Group is committed to an ambitious transformation that will generate value. This is centred on the development of new technologies and services, and a new range of even more competitive, balanced, and electrified vehicles. In line with environmental challenges, the Group's ambition is to achieve carbon neutrality in Europe by 2040.

<https://www.renaultgroup.com>

About Plug Power

Plug Power is building the hydrogen economy as a global leading provider of comprehensive hydrogen fuel cell turnkey solutions. Plug Power has deployed over 50,000 fuel cell systems, designed, and built 160 refueling stations that dispense more than 70 tons of hydrogen daily, and is a technology leader in green hydrogen solutions via electrolysis. Present in Europe for more than 10 years, Plug Power has significant references in hydrogen mobility with key European industrials, logistics customers and vehicle manufacturers. Plug Power installed several PEM technology electrolyzers in Germany, France, The Netherlands, and Portugal. The company has deployed more fuel cell systems for electromobility than anyone else in the world. <https://www.plugpower.com>