

HYVIA PARTICIPATES IN HYVOLUTION EXHIBITION & ENERGY OBSERVER VILLAGE: A TOTAL COMMITMENT TO THE HYDROGEN ECOSYSTEM



- **HYVIA participates for the third time in the Hyvolution Exhibition, the major event for hydrogen players in Europe, on February 1ST and 2ND, 2023, in Paris, Porte de Versailles, France (stand 6D64).**
 - With the support of its two shareholders, Renault Group and Plug, and as the only French carmaker in the "Important Project of Common European Interest - Hy2Tech", HYVIA fully deploys its complete ecosystem dedicated to hydrogen mobility in 2023.
 - Its range of hydrogen-powered commercial vehicles (vans, minibus, and chassis-cabs) continues to hit the roads of Europe in 2023 to meet the intensive needs of professionals in urban areas for low-carbon mobility. Hydrogen refueling and recharging solutions, as well as financing and maintenance offers, accompany a tailor-made offer adapted to each customer.
 - In 2023, the HYVIA plant in Flins, France, accelerates its development with the ramp-up of its fuel cell assembly line, the construction of its electrolyzer to produce low-carbon hydrogen, and an assembly line for H₂ refueling stations.
- **HYVIA also participates from February 4th, 2023, in the event, "On top of positive energies" in Morzine-Avoriaz, France, to raise awareness of the challenges of the energy transition and sustainable development and how hydrogen can play a decisive role.**
 - The hydrogen-powered Renault Master Van H₂-TECH is presented to companies, local authorities, and the general public alongside innovative low-carbon applications: solutions for the energy transition in the particularly fragile ecosystem of the high mountains.
 - The event resonates with the roadmap of the Auvergne-Rhône-Alpes region, which is piloting the "Zero Emission Valley" project to develop the hydrogen industry and fight against pollution.
 - The Energy Observer Foundation exhibition village owes its name to the first autonomous, zero-emission hydrogen-powered vessel, which has been sailing around the world since 2017.

"HYVIA is back at Hyvolution, the must-attend event for hydrogen professionals in Europe, and is participating in the Energy Observer Village, in the heart of a region at the forefront of H2 mobility. Since its inception in June 2021, HYVIA has made a strong commitment to the hydrogen sector, in line with its unique and complete hydrogen mobility ecosystem, which takes on its full dimension in 2023."

David Holderbach, CEO HYVIA

HYVIA @ HYVOLUTION

Back for a third year in a row, HYVIA is demonstrating the strength of its hydrogen ecosystem

- The Hyvolution exhibition is expanding rapidly, just like the H2 sector. Hyvolution is now taking place at Porte de Versailles in Paris, under the patronage of the President of the French Republic. With more than 350 exhibitors, this year's exhibition focuses on the three hydrogen markets: mobility, energy, and industry.
- A regular exhibitor at this show since its creation and the only French carmaker in the "Important Project of Common European Interest - Hy2Tech", HYVIA continues to strengthen the anchoring of its hydrogen ecosystem within the sector: production, distribution, and H2 mobility.
- HYVIA also participates in the "Campus Emploi Formation" organized during the event to continue talents' recruitments.

A range of hydrogen-powered light commercial vehicles for all uses in 2023

- Renault Master Van H2-TECH hydrogen van: already on the road in early 2023
 - ✓ Zero emission, more than 400 km of range (WLTC cycle), 5 minutes refueling time.
 - ✓ With 12 m³ of volume and 1.80 m height in the loading area, this van is adapted to the intensive use of companies for their logistic needs.
 - ✓ First partners for the pilot phase: CHRONOPOST, ENGIE, ORANGE, EQUANS, Alpine F1 Team, AIRBUS, HAMBURGER HAFEN UND LOGISTIK AG, PACKETA and MAXIMATOR HYDROGEN GmbH.
- Renault Master City Bus H2-TECH hydrogen minibus: on the road mid-2023
 - ✓ Zero emission, 300 km range, 5 minutes refueling time.
 - ✓ Adapted to the needs of companies and municipalities, this urban minibus can carry up to 15 passengers (9 seated, 6 standing).
 - ✓ The distribution network is taking shape with partners such as PVI, MELLOR, TRIBUS and QIBUS, and with the first pilot customers: RATP Dev, B.E. GREEN, MILLA and STROOMLIJN.
- Renault Master Chassis Cab H2-TECH: on the road by the end of 2023
 - ✓ Zero emission, up to 350 km of autonomy (according to conversion), 5 minutes refueling time.
 - ✓ It allows great possibilities for conversions: projects are taking shape with converters to offer tipper, refrigerated, or large volume versions.

A complete hydrogen ecosystem to support customer mobility

- HYVIA offers solutions to analyze and maximize the use of H2 vehicles, while optimizing the operating cost.
- Hydrogen refueling and recharging solutions:
 - ✓ H2 sourcing: a solution for each customer, for the supply of green or low-carbon hydrogen, whether for a single vehicle or a large fleet.
 - ✓ H2 refueling station: a turnkey solution that can be deployed at the customer's site, to increase its operating autonomy and energy independence.
- Financing, maintenance, and support solutions:

- ✓ A first financing offer is developed with NéoT Green Mobility, a pioneer in zero emission mobility financing in Europe, and one of HYVIA's first financial partners. HYVIA and NéoT are building a tailor-made proposal for each customer, according to his usage, country, region and purchase subsidies.
- ✓ Maintenance and assistance: pilot dealerships are being trained in Europe. "Flying doctors" accompany the start-up for an optimal customer experience.

A plant based in France that supports hydrogen mobility and accelerates in 2023

- The line for assembling and testing fuel cells, with a production capacity of 1,000 cells per year, will be gradually ramped up in 2023.
- A 1 MW electrolyzer is being installed in the plant and will be operational by mid-2023. It will produce 430 kg of low-carbon hydrogen per day for the plant's and its customers' needs.
- A new assembly and test line for H2 refueling stations will also be installed in 2023.

HYVIA @ ENERGY OBSERVER

A collaboration to raise awareness of hydrogen mobility issues

- The Master Van H2-TECH prototype is exhibited alongside other vehicles, machines, or low-carbon applications: tangible demonstrations to raise awareness of the challenges of the energy transition among companies, elected officials, local authorities, students, schoolchildren, and the media.
- Hydrogen is one of the most promising fuels for vehicles requiring greater autonomy or fast recharging time, constituting a credible alternative to fossil fuels, particularly within the fragile ecosystem such as the Alps.
- The event in Morzine-Avoriaz is in the heart of the Auvergne-Rhône-Alpes region. At the forefront of H2 mobility, the region is piloting the "Zero Emission Valley" project, the first European hydrogen mobility project involving the simultaneous deployment of H2 refueling stations, H2 vehicles, and electrolyzers.

"On top of positive energies" with Energy Observer

- The Energy Observer Foundation exhibition village, dedicated to sustainable energy and hydrogen, is a temporary structure composed of two geodesic domes connected by a tunnel with a timeline illustrating the energy transition and climate change, designed in collaboration with ADEME.
- This village is named after the first hydrogen-powered vessel that has been traveling the world since 2017. Energy Observer is a laboratory of ecological transition designed to push the limits of zero emission technologies. From hydrogen to solar, to wind and hydropower, all solutions are experimented, tested, and optimized to make clean energies a concrete reality accessible to all.
- The exhibition village is located at the entrance to the resort of Avoriaz, at an altitude of 1,800 meters in Haute-Savoie. It opens its doors to the public from February 4th to 24th.

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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, 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 4 complementary brands - Renault, Dacia, Alpine and Mobilize - offering sustainable and innovative mobility solutions to its customers. Established in more than 130 countries, the Group has sold 2.1 million vehicles in 2022. It employs nearly 111,000 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/en/>

About Plug

Plug is building the hydrogen economy as a global leading provider of comprehensive hydrogen fuel cell turnkey solutions. Plug has deployed over 60,000 fuel cell systems, designed, and built 185 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 has significant references in hydrogen mobility with key European industrials, logistics customers and vehicle manufacturers. Plug 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.

www.plugpower.com