

## HYVIA INTRODUCES ITS FIRST ELECTROLYZER IN ITS PLANT IN FLINS, FRANCE



- HYVIA, the joint venture between Renault Group and Plug, dedicated to hydrogen mobility, has just installed its first electrolyzer in its Flins plant, in the Ile-de-France region.
- This 1 MW electrolyzer has a capacity of 400 kg/day of green hydrogen production, which is the equivalent of 20,000 km of commercial hydrogen mobility.
- It will initially supply the plant in order to test the fuel cells of the Renault Master H2-TECH vehicles marketed by HYVIA as well as the hydrogen refueling stations.
- This electrolyzer marks a major step in the deployment of HYVIA's unique and complete ecosystem for H2 mobility.

*"One year after the inauguration of our plant, we are installing our first electrolyzer which uses the technology of our shareholder Plug, world leader in hydrogen solutions. At the same time, our Renault Master Van H2-TECH are on the road, backed by the expertise of our shareholder Renault Group, a major player in the automotive industry, particularly in commercial vehicles. This step illustrates the strength of the hydrogen ecosystem proposed by HYVIA."*

**David Holderbach, CEO HYVIA**

*"With this first electrolyzer, the plant will produce 400 kg of hydrogen per day, which will enable us to test more than 1,000 fuel cells per year. This is a major industrial and human challenge, made possible by the strength of our collaboration with Plug and Renault Group. As such, our electrolyzer is part of the development of skills that HYVIA brings to the Renault Group Refactory in Flins, dedicated to the circular economy."*

**Olivier Cormier, VP Manufacturing & Supply Chain Director HYVIA**

### **A Plug electrolyzer at HYVIA**

After the installation of several PEM (Proton Exchange Membrane) electrolyzers in Germany, France, the Netherlands and Portugal, Plug delivered its first electrolyzer to HYVIA on April 5, 2023. With a power of 1 MW, the electrolyzer will produce 400 kg of green hydrogen per day.

As the world leader in hydrogen solutions, Plug has also deployed more than 60,000 fuel cell systems, designed and built 185 refueling stations that distribute more than 70 tons of hydrogen per day.

### **The PEM technology of hydrogen by electrolysis**

PEM (Proton Exchange Membrane) electrolysis is a method of producing green hydrogen through the electrolysis of water (H<sub>2</sub>O) by separating hydrogen (H<sub>2</sub>) and oxygen (O) with low carbon electricity.

### **HYVIA: a French anchor for hydrogen mobility in Europe**

Based in France, HYVIA has been developing since its creation in June 2021, a unique and complete ecosystem dedicated to hydrogen mobility for professionals. It includes a range of H<sub>2</sub> light commercial vehicles (a van, a chassis cab and a minibus), H<sub>2</sub> refueling stations, H<sub>2</sub> supply as well as financing and maintenance solutions for our customers.

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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](http://www.plugpower.com)