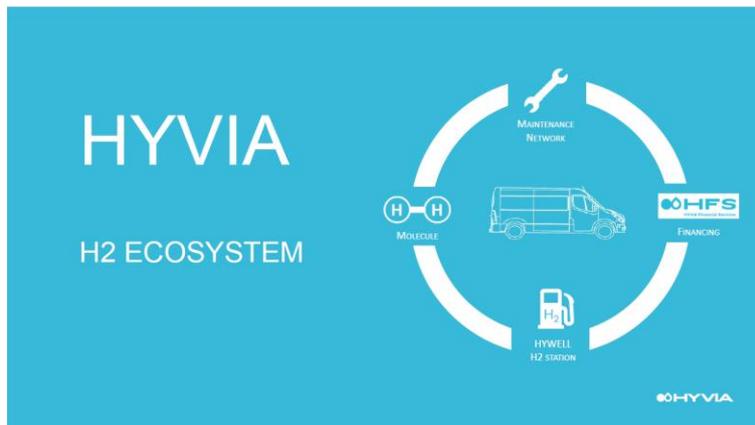


HYVIA, A PIONEER ECOSYSTEM FOR HYDROGEN MOBILITY IN EUROPE: TODAY FOR TOMORROW



SUMMARY

1. A UNIQUE HYVIA ECOSYSTEM THANKS TO RENAULT GROUP AND PLUG, BASED IN FRANCE

- **HYVIA:** "HY" for hydrogen, "VIA" for road, joint venture dedicated to H2 mobility.
- **Renault Group:** a major player in the automotive industry, which supports hydrogen mobility.
- **Plug:** world leader in turnkey hydrogen solutions and fuel cells.
- An ecosystem based in **France**.

2. A HYVIA ECOSYSTEM POWERED BY A TEAM OF PIONEERS

- A resolutely **human adventure**, grown from **0 to 130 employees in 2 years**.
- Passionate **people driven by innovation** and **committed to carbon-free mobility**.
- **Safety at the heart of our processes**.
- **Promote diversity and inclusion** within our industry.
- A structured team driven by **quality requirements and operational safety**.

3. A HYVIA ECOSYSTEM DRIVEN BY A COMMERCIAL DYNAMIC

- A large hydrogen van **already on the road: Renault Master Van H2-TECH**.
- Refueling solutions to **start** a sustainable ecosystem: **HYWELL™** by HYVIA, in partnership with **Ataway**.
- Public **refueling solutions optimized** by HYVIA, with its partner HYSETCO.
- Financing solutions: **HYVIA Financial Services**.
- A **pioneering H2 mobility offer** initially deployed in the most mature countries: France, the Netherlands, Germany, and Spain.

4. AN ECOSYSTEM DRIVEN BY AN AFTER-SALES DYNAMIC

- The expertise of the H2-Tech service **by HYVIA: the four pillars of H2 after-sales**.
- The deployment of **pilot sites** in Europe.

5. A HYVIA ECOSYSTEM DRIVEN BY ENGINEERING DYNAMIC

- The challenges of the **H2 high technology** developed by HYVIA.
- An ambitious **H2 product plan**, by HYVIA.

6. A HYVIA ECOSYSTEM DRIVEN BY AN INDUSTRIAL DYNAMIC

- The HYVIA plant: **a major industrial project**.
- The HYVIA fuel cell: **a human, technological and industrial challenge**.
- The electrolyzer to produce **low-carbon hydrogen**.
- Industrial partners involved with HYVIA in the H2 sector: **FORVIA, Bosch, Garrett Motion, AVL and Plastic Omnium**.

7. A RECOGNIZED ECOSYSTEM INVOLVED IN THE HYDROGEN SECTOR

- HYVIA, integrated into the **Important Project of Common European Interest (IPCEI) "Hy2Tech"**.
- HYVIA, **active member** within the French automotive sector and the associations that federate the H2 sector: Hydrogen Europe, France Hydrogen.
- Exceptional partnerships with the most daring players in the H2 sector such as **BWT Alpine F1 Team™**.

1. A UNIQUE HYVIA ECOSYSTEM THANKS TO RENAULT GROUP AND PLUG, BASED IN FRANCE

- **HYVIA: "HY" for hydrogen, "VIA" for road, joint venture dedicated to H2 mobility**

HYVIA paves the way for carbon-free mobility, with hydrogen mobility solutions. Created in June 2021, HYVIA is a joint venture equally owned by Renault Group and Plug. Based in France and marketing throughout Europe, HYVIA is the only player able to offer a complete ecosystem dedicated to H2 mobility, thanks to this unique partnership between Renault Group and Plug.

- **Renault Group: a major player in the automotive industry, supporting H2 mobility**

Renault Group, a major player in the automotive industry, is at the forefront of reinventing itself. Renault Group is investing in hydrogen, in addition to its electric offer, particularly through HYVIA, to meet the intensive use of professionals. Renault brings to HYVIA all its automotive expertise to support H2 mobility: commercial vehicles, industrial tool, Renault Pro+ network as well as expertise in market and customer knowledge.

- **Plug: world leader in turnkey hydrogen solutions and fuel cells**

Plug is the world leader in turnkey hydrogen and fuel cell solutions. Plug brings to HYVIA all its hydrogen expertise: fuel cell, production, transport and distribution of hydrogen. Plug has deployed more than 60,000 fuel cells, designed and built more than 180 refueling stations that distribute more than 70 tons of hydrogen per day, and is a technology leader in green hydrogen electrolysis solutions.

- **A HYVIA ecosystem based in France**

HYVIA's headquarters, engineering and R&D are based in Villiers Saint Frédéric, France.

Renault Master Van H2-TECH is manufactured in France: production of the vehicle at the Batilly plant, assembly and testing of the fuel cell in Flins in the HYVIA plant and integration of the fuel cell in Gretz-Armainvilliers, near Paris.

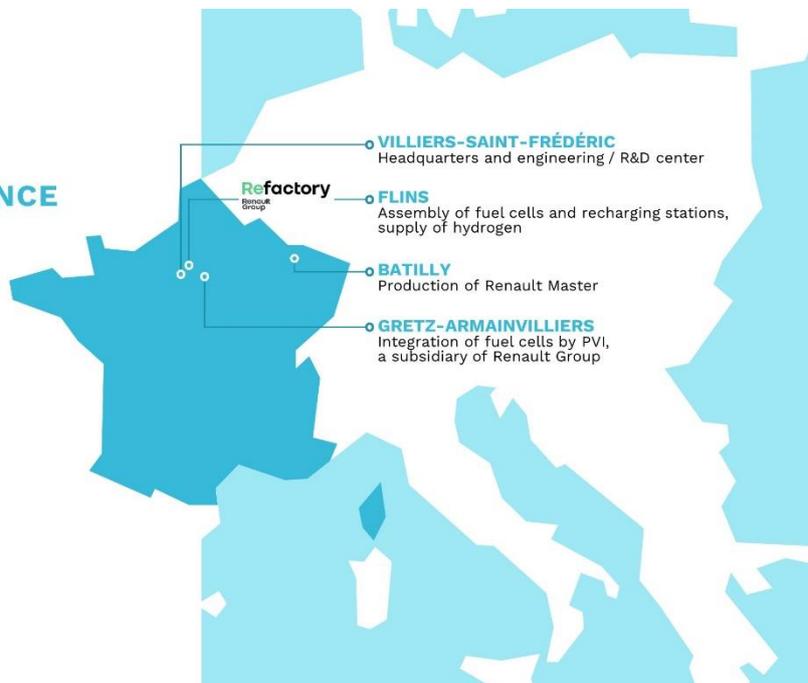


A JOINT VENTURE ESTABLISHED IN FRANCE

A complete ecosystem of innovative technologies and services for hydrogen mobility

Activities that generate employment and value in France

A target for 2030: 30% market share of hydrogen light commercial vehicles in Europe



2. A HYVIA ECOSYSTEM POWERED BY A TEAM OF PIONEERS

"Hydrogen is at the heart of the energy transition towards low-carbon mobility. To develop this sector of the future, we need adapted skills and qualified/diverse talents. Identifying and supporting profiles, training and career paths are all challenges at the heart of our HR strategy to support the transformation of the sector, while ensuring the safety, well-being and development of our employees. Joining HYVIA means choosing an adventure on a human scale where everyone can deploy their talents while developing their skills to evolve in our ecosystem."

Laura Cristian, Human Resources Director HYVIA

- **A resolutely human adventure, grown from 0 to 130 employees in 2 years**

HYVIA, is above all a human adventure. Started in June 2021 with a dozen pioneers, we now have a team of 130 enthusiasts, who work daily to shape the mobility of tomorrow, a green and carbon-free mobility.

The team, which today consists mainly of technical profiles, continues its development by welcoming new employees committed to developing high-tech projects.

- **Passionate people driven by innovation and committed to low-carbon mobility**

HYVIA is an innovative and dynamic company, offering a stimulating work environment, promoting team spirit, cohesion and sharing at all levels of the organization. Relying on the complementary strengths of our two shareholders, we are developing the skills of tomorrow to offer scalable career opportunities and thus build the adventure of hydrogen mobility.



- **Safety at the heart of our processes**

HYVIA is committed to the protection of all staff working on our sites, to allow everyone to work in the best conditions of health and safety.

Safety is a priority for us. Awareness, training and adapted personal protective equipment are an integral part of our risk prevention policy. As soon as we are hired, training in the specificities of hydrogen is one of the essentials of our integration journey. We aim to prevent the occurrence of any incident or accident related to our activities.

- **Promoting diversity and inclusion in our industry**

Attracting and retaining diverse talent is a key success factor and an integral part of our strategy. HYVIA is committed to recruiting, integrating and supporting diverse profiles. In doing so, we strive to promote an inclusive culture and work environment where everyone can thrive.

- **A structured team driven by quality requirements and operational safety**

"The Quality requirement concerns all stakeholders, all trades at HYVIA. This is a major issue at the heart of our Quality policy. An even more unavoidable challenge that we deploy a new technology for our customers, which is why operational safety is at the heart of our processes for general product safety without compromise."

Christophe Monereau, Quality Director HYVIA



3. A HYVIA ECOSYSTEM DRIVEN BY A COMMERCIAL DYNAMIC

- **A large hydrogen van already on the road: Renault Master Van H2-TECH**

One year after its prototype version unveiled in October 2021, HYVIA presented Renault Master Van H2-TECH in its production version at the Paris Motor Show in October 2022. **Homologated at the beginning of 2023**, it is now on the roads of Europe.

With an optimal refueling time of just **5 minutes** and a range of up to **400 km**, this large van allows businesses and communities to maintain their operational efficiency with a zero-emission vehicle.

Renault Master Van H2-TECH is a large hydrogen van, with a loading volume of **12m³**, suitable for transporting goods and parcels, which meets the needs of professionals for their intensive use. It is equipped with a 30kW fuel cell, a 33kWh battery and tanks containing 6.4 kg of hydrogen (4 tanks of 1.6 kg).

Another important asset of the van is a height of **1.80 m** in the loading area, allowing it to stand inside and facilitate the organization and delivery of goods and packages.

The **"Dual Power" architecture** of Renault Master Van H2-TECH, an intelligent hybrid system between fuel cell and battery, optimizes the energy and operational efficiency of vehicles and extends the life of the fuel cell.



In June 2023, Kilomètres Entreprise magazine, a reference in the field of car fleets in France, awarded the **Heavy Commercial Vehicle of the Year 2023** to Renault Master Van H2-TECH. This award recognizes HYVIA's innovation, its complete ecosystem, and its pioneering approach to hydrogen mobility.

Renault Master Van H2-TECH technical sheet by flashing the QR Code below:



- **Refueling solutions to initiate a sustainable H2 ecosystem: HYWELL™ by HYVIA, in partnership with Ataway**

Adapted to the needs of rapid deployment of light and intensive H2 mobility, the **HYWELL™ station's** mission is to support the successive phases of decarbonization of professional fleets. The HYWELL™ station can be deployed quickly and easily at the most constrained installation sites thanks to a compact & plug&play architecture.

The HYWELL™ station is also uncompromising when it comes to the operational efficiency of small and medium H2 fleets with a filling time of a few minutes.

This offer has been specifically developed to initiate carbon-free hydrogen mobility ecosystems: investment and operating costs are sized to the size of a start-up fleet.

In partnership with Ataway, HYVIA offers its professional customers an offer of stations that can be installed for their own uses: HYWELL™. With a capacity of **100 kg/day of H2 distribution**, this refueling station can power **20 to 25 vehicles**.

HYVIA and Ataway have co-invested in the development of this station. Based in France (Savoie), Ataway is a French designer, manufacturer and distributor of hydrogen refuelling stations, contributing to the deployment of low-carbon hydrogen in France and internationally.

A first HYWELL™ station will be installed in France **by early 2024**.

"Atawey and HYVIA share the same desire: to accelerate the European deployment of carbon-free mobility. At Atawey, we are proud to have been chosen by HYVIA to offer this complete and concrete solution by bringing all our expertise and industrial know-how in hydrogen stations. It is this type of collaboration that will facilitate the deployment of H2 mobility, an essential element in the decarbonization of our society."

Jean-Michel AMARÉ, President ATAWEY



- **Public refueling solutions powered by HYVIA, with its partner HYSETCO**

At Hyvolution in February 2023, HYVIA and HYSETCO announced that they are joining forces to accelerate the development of hydrogen mobility for light commercial vehicles. HYSETCO, a leading company in light hydrogen mobility in France, develops and operates public H2 refueling stations and offers integrated solutions to facilitate access to hydrogen mobility for professionals.

This cooperation aims to:

- Improving the customer experience of HYVIA commercial vehicle users in the public H2 refueling stations of the HYSETCO network.
- The study of an integrated offer of HYVIA commercial vehicles that will be proposed by HYSETCO, including the vehicle, the associated services and the supply of hydrogen.
- Additional services offered by HYSETCO for customers of HYVIA commercial vehicles.
- HYVIA's support for the development of HYSETCO's network of public H2 stations.

"Our cooperation with HYVIA will make it possible to offer our professional customers the best solutions to facilitate their transition to zero-hydrogen emission mobility on a range of commercial vehicles. HYSETCO, leader in light hydrogen mobility, confirms its commitment to contribute today and tomorrow to pollution-free cities. »

Loïc Voisin, President HYSETCO

HYVIA also offers on its website **visibility of H2 stations** operational in Europe and compatible with its vehicles (700 bars): <https://www.hyvia.eu/liste-des-stations-h2/>



- **Financing solutions: HYVIA Financial Services**

A financing offer has been developed by HYVIA for a tailor-made proposal for its customers, according to its uses, its country, its region and the purchase aids in force.

Available by the end of 2023, this complete financing solution is one of the pillars of the HYVIA ecosystem as it will offer a **tailor-made offer** by bringing together vehicles, maintenance, financing and H2 supply.

HYVIA will incorporate the **subsidies available in each region** into its financing offer.



- **A pioneering offer already deployed in the most mature countries: France, the Netherlands, Germany, and Spain**

HYVIA initiates its deployment in the most mature countries where the dynamics of the H2 sector are the strongest and the support of the countries is the strongest: **France, the Netherlands, Germany, and Spain.**

Pioneering customers have already trusted Renault Master Van H2-TECH in these 4 countries. Other countries in Europe will follow, including Belgium, Poland, Portugal, etc.

France

*France - H2 strategy: 6.5 GW of electrolysis capacity, creation of 100,000 jobs by 2030
23 HRS in operation, target of 900 stations in 2030.*

In France, HYVIA's pilot customers are **CHRONOPOST**, the French leader in express delivery, **ENGIE**, a global reference group in low-carbon energy and services, **ORANGE**, one of the leaders in telecommunications services in France and worldwide, and **EQUANS**, world leader in multi-technical services. Renault Master Van H2-TECH also covers the logistics needs of **BWT Alpine F1 Team™**.

Netherlands

*Netherlands – national H2 strategy and policy: 15k FCEV and 3K heavy FCEV in 2025, 3-4GW of electrolysis capacity
12 HRS in operation, giving Europe's best density of stations/km², target of 50 stations in 2025.*

A pioneer in zero-emission mobility, the Netherlands will transform around thirty towns into low-emission zones from 2024.

HYVIA has signed initial orders with major Dutch players: **GP Groot, Warmtebouw and Pot Verhuizingen.**

"For several years, the Netherlands has been at the forefront of zero-emission mobility. Thirty cities will become low-emission zones by 2024. Renault Group is one of the leaders in this rapidly changing Dutch market. Our desire is to be part of this trend by offering carbon-free vehicles to meet the strong demand, especially from professionals. With the first orders signed and our four strategic partners at HYVIA for service, repair, and maintenance, we have paved the way for the expansion of this trend with hydrogen-powered light commercial vehicles."

Anouk Poelmann, CEO Renault Group Netherlands



Germany

Germany – H2 strategy: 10 GW of electrolysis capacity, mobile H2 as a major player in H2 mobility in Europe

109 HRS in operation, the largest network in Europe, target of 300 stations in 2030.

In Germany, HYVIA's pilot customers are **AIRBUS**, world leader in the aeronautics industry, **HAMBURGER HAFEN UND LOGISTIK AG**, A MAJOR European logistics player, **PACKETA**, a digital platform for e-commerce and parcel delivery solutions worldwide, and **MAXIMATOR HYDROGEN GmbH**, supplier, and developer of refueling stations and H2 technologies.

Spain

Spain – H2 strategy: 4 GW of electrolysis capacity in 2030, strong renewable energy production capacity 3 HRS in operation, target of 150 stations in 2030.

Spain is a strategic country for HYVIA because it is very committed to the energy transition. HYVIA and Plug jointly organised events in Spain with Renault Master Van H2-TECH tests at the end of May in Barcelona (**at the Mercabarna market**), in Zaragoza (at the Carreras Grupo Logístico **logistics centre**) and in Madrid (**at the Mercamadrid market**).

"Less than two years ago, Renault Group and Plug joined forces in the HYVIA joint venture to create the leader in fuel cell light commercial vehicles in Europe. We combined Renault's automotive leadership with Plug's hydrogen technology. At the end of May 2023, we presented in Spain the results of this partnership – the Renault Master Van H2-TECH van, developed by HYVIA with the Plug fuel cell. Spain is a strategic country for Plug with great potential for hydrogen. That's why we chose Barcelona, Madrid, and Zaragoza to present the vehicle to customers concerned about sustainable development."
José Luis Crespo, General Manager International Applications and Key Accounts, Plug



4. AN ECOSYSTEM DRIVEN BY AN AFTER-SALES DYNAMIC

"After-sales for hydrogen vehicles is strategic. It will make it possible to sustainably register the arrival on the market of our HYVIA products and the increase in competence of the Renault Pro+ network on this pioneering technology. Our European deployment strategy is based on four pillars: the upgrading of H2 skills of qualified personnel, the adaptation of the infrastructure to work safely, the development of specific tools and the supply of spare parts. This strategy will include a range of services adapted to this pioneering technology in vehicles, refueling stations and green hydrogen electrolyzers. »

Bertrand Morin, HYVIA After-Sales Director

- **The expertise of the Renault dealer's H2-Tech department prepared by HYVIA: the 4 pillars of H2 aftersales**

HYVIA has increased H2 skills of qualified personnel through a specific training of qualified technicians co-built with Renault Academy: a training supplemented by modules of independent organizations specializing in ATEX (Explosive Atmosphere).

The adaptation of the infrastructure makes it possible to work **safely** by aligning with the state of the art of the knowledge of expert companies on hydrogen.

HYVIA has developed **specific tools** adapted to our technology to optimize repair times and autonomy of the H2-Tech network, making it possible to reduce the downtime of our customers' vehicles as much as possible.

The supply of spare parts by anticipating physical and financial supply flows in order to reduce maintenance and repair times in the network.

These four pillars make it possible to constitute the H2-Tech standard within the Renault Pro+ after-sales network.



- **The deployment of pilot sites: a first in Europe**

The first pilot sites are already ready. These dealers, enthusiasts & precursors, will provide preparation, maintenance, and repair services for hydrogen vehicles.

France: Two sites are operational: **Renault Rungis, Renault Lyon Sud.**

These dealerships are located at the heart of the most mature hydrogen mobility ecosystems in France.

Netherlands: Two sites are already operational: **Stam Amersfoort, Terwolde Groningen.**

Two other sites are being rolled out: **Bochane Arnhem and Van Mossel Rotterdam.**

These dealerships are located in key locations in the four strategically selected cities, in order to cover a vast territory of the country from the outset.

In the pipeline, three additional sites in France as well as a deployment in Germany and Spain are planned by early 2024, initiating **an expanded European deployment.**



5. A HYVIA ECOSYSTEM DRIVEN BY ENGINEERING DYNAMIC

"Benefiting from the strong expertise of Renault and Plug, HYVIA engineering is committed to developing and integrating the most efficient hydrogen technologies on the market for carbon-free mobility. An ambitious product plan will materialize the different stages of the evolution of our technologies developed by our engineers."

Eric Blanchard, Chief Technical Officer HYVIA

- **A pioneering offer with the challenges of H2 high technology developed by HYVIA: Renault Master Van H2-TECH**

Renault Master Van H2-TECH is the marriage of the Plug fuel cell, known for its reliability, and the large Master van, leader in its segment. The result of the association is the perfect match:

The fuel cell, by Plug

Renault Master Van H2-TECH is equipped with Plug's 30kW fuel cell, a 33KWh battery and tanks containing 6.4 kg of hydrogen (4 tanks of 1.6 kg).

Plug's 30kW fuel cells, called ProGen, are modular power blocks designed for heavy-duty enterprise power applications. They provide robust, cost-effective solutions with best-in-class performance, reliability, and time-to-market to meet the needs of all those seeking sustainable mobility.

The **reliability** of Plug's fuel cells is backed by the experience of more than 60,000 fuel cell systems sold to major international players such as Amazon, Walmart, Asda, Carrefour, BMW and Home Depot for more than 10 years.

Master Van H2-TECH, by Renault

Renault Master Van H2-TECH is manufactured in France: production of the vehicle at the Renault plant in Batilly, assembly and testing of the Plug fuel cell in Flins in the HYVIA plant, production of hydrogen tanks and integration of the fuel cell in Gretz-Armainvilliers near Paris.

- **An ambitious H2 product plan for the future, by HYVIA**

HYVIA is gaining momentum on the maturity of its high technology.

A new architecture of the Renault Master Van H2-TECH large van is planned for early 2024, with a new stage of integration of the fuel cell and tanks to serve the vehicle's performance: height reduction, improved vehicle dynamics, new Human Machine Interface (HMI), consumption...

Given the current maturity of the H2 sector, HYVIA is focusing its efforts at this stage on the van version (Renault Master Van H2-TECH). The Chassis Cab and City Bus versions with hydrogen will be studied in the future.

A future generation of hydrogen van, available in several versions, will see the light of day in 2025. It will be based on the New Renault Master that will be revealed at Solutrans in November 2023. This new platform will gradually be extended to include a full range of vehicles.

This new generation of H2 vans will be produced entirely in the production flow of Renault's Batilly plant, increasing our volumes and benefitting from state of the art industrial and quality automotive standards.

It will benefit from a further step on our high hydrogen technology produced at the HYVIA site in Flins: new generation of fuel cell system, component sourcing and assembly in Europe.

- HYVIA is also studying **other ambitious hydrogen commercial vehicle projects for the future.**



6. A HYVIA ECOSYSTEM DRIVEN BY AN INDUSTRIAL DYNAMIC

"Nine months after its creation, HYVIA inaugurated in March 2022 its factory in the Refactory, Renault Group's plant dedicated to the circular economy, in Flins, Ile-de-France. Less than a year later, our factory is operational, assembling and testing its first fuel cells in its new facilities. The three priority areas given to the teams are safety, compliance with environmental standards and the quality of our products and facilities. One year later, HYVIA installed its first electrolyzer for the production of low-carbon hydrogen. This industrial dynamic once again illustrates the power of the hydrogen ecosystem offered by HYVIA. A major industrial, technological, and human challenge, made possible by the strength of our collaboration with Plug and Renault Group."

Olivier Cormier, VP Manufacturing and Supply Chain HYVIA

- **The HYVIA plant: a major industrial project**

The HYVIA plant in Flins is the first step in a larger industrial project, which begins today with 3,500 m² and a highly qualified team of around 30 employees: operators, managers, and technicians from the Flins plant.

Safety, respect for the environment and quality are the priority areas based on the best practices of Renault Group and Plug.

Today, the plant focuses on the **production of fuel cells and low-carbon hydrogen**. A first H₂ station is also being installed within the plant to initially meet the needs of the HYVIA plant and secondly the needs of its local customers in the region.

In the coming years, the HYVIA plant will continue to grow, expanding its industrial base and strengthening local and vertical integration.

- **The HYVIA fuel cell: a human, technological and industrial challenge**

A human challenge

Like the rest of HYVIA's staff, Flins' engineering and manufacturing teams are preparing for the ambitious challenges of the hydrogen ecosystem. To meet this goal, the plant's engineers and operators have all undergone **specialized training in France and the United States** to acquire the expertise necessary to assemble and test a fuel cell.

The complementary skills of the Renault Group and Plug operational teams is one of HYVIA's key success factors.

A technological challenge

The 30kW fuel cell is based on the **Proton Exchange Membrane (PEM) technology**, derived from Plug's proven and durable technology.

It combines air and hydrogen, generating electric power for increased autonomy for mobility. Both air and hydrogen flows enter the "heart" of the fuel cell. The elementary fuel cell consists of a negative electrode (anode) and a positive electrode (cathode), separated by a polymer membrane. Hydrogen molecules are separated into electrons and cations. The electrons go to an external circuit, generating a stream of electricity that powers both the 33kWh battery and the 57kW electric motor. The cations pass through the polymer membrane and associate with anions in the air to create water.

An industrial challenge

The assembly of fuel cells consist of connecting 450 components and flows (air, H₂, electricity, coolant, and water). The assembly line of the HYVIA plant has been designed for the complex assembly of these elements such as the high-power controller and converter, the air filter, the compressor and humidifier, the cooling system up to the final assembly of the fuel cell.

The fuel cell test area is operational thanks to the hydrogen already present on site and will ensure the quality and safety controls of the fuel cells before installation on the vehicles.

Safety is at the heart of HYVIA's industrialization: safety of people and facilities, thanks to the compliance of ATEX (Explosive Atmosphere) and ESP (Pressure Equipment) standards.



- **Production of low-carbon hydrogen by electrolysis at the HYVIA plant in Flins, France**

A 1 MW electrolyzer for 400 kg/day of low-carbon hydrogen

This 1 MW electrolyzer has a capacity of 400 kg/day of green hydrogen production, the equivalent of 20,000km of hydrogen utility mobility. It will initially supply the plant to test the fuel cells of the Renault Master H₂-TECH marketed by HYVIA as well as hydrogen refueling stations.

PEM hydrogen technology by electrolysis, by Plug

Plug has already installed several PEM (Proton Exchange Membrane) electrolyzers in Europe in Germany, France, the Netherlands, and Portugal. PEM (Proton Exchange Membrane) electrolysis is a method of producing hydrogen by water electrolysis (H₂O) consisting of separating hydrogen (H₂) and oxygen (O₂) with low-carbon electricity.



- **Industrial partners involved with HYVIA in the H2 sector: FORVIA, Bosch, Garrett Motion, AVL and Plastic Omnium.**

"HYVIA is supported by industrial partners strongly involved in automotive transformation and the hydrogen sector, both in the upstream development and industrialization phases of HYVIA programs. In a context of dynamic acceleration of low-carbon mobility, FORVIA, Bosch, Garrett Motion, AVL and Plastic Omnium are developing robust technologies and innovative and competitive hydrogen solutions for clean mobility in Europe and around the world."

Fabrice Ober, HYVIA Purchasing Director

7. A RECOGNIZED ECOSYSTEM INVOLVED IN THE HYDROGEN SECTOR

"An emerging player needs to mesh well with the industrial ecosystem in which it evolves, to bring it its vision and benefit from the strength of the collective that professional federations allow. This is especially true in the context of IPCEI. This is why our membership of France Hydrogen and Hydrogen Europe was a priority in the creation of HYVIA. We are also very pleased to join the PFA and the NextMove competitiveness cluster this year."

Jean-Christophe Béziat, Chief Public Affairs Officer HYVIA

- **HYVIA, part of the Important Project of Common European Interest (IPCEI) "Hy2Tech"**

At the end of 2022, HYVIA was confirmed as one of the 41 European projects, including 9 French, part of the Important Project of Common European Interest (IPCEI) "Hy2Tech", a major step for its development.

HYVIA is the only French car manufacturer of the IPCEI "Hy2Tech".

HYVIA can thus benefit from the support of the French government for the development of several generations of vehicles, and for the deployment of its fuel cell factory.



This project was financed by the State as part of France 2030, and as part of the Recovery Plan.



- **HYVIA, active member of the associations that federate the H2 sector: Hydrogen Europe, France Hydrogen**

Hydrogen Europe is the European association representing the interests of the hydrogen industry and its stakeholders and promoting hydrogen as a vehicle for a zero-emission society.

France Hydrogen brings together the players in the French hydrogen sector structured throughout the value chain: large industrial groups developing large-scale projects, SMEs and innovative start-ups supported by laboratories and research centers of excellence, associations, competitiveness clusters and local authorities mobilized for the deployment of hydrogen solutions.

- **HYVIA is an active member of the French automotive industry, at the national level and in its territory of establishment: PFA, NextMove, H2 events and conferences**

The Automotive Platform (PFA) brings together the automotive sector in France. It defines and implements, on behalf of all partners (manufacturers, equipment manufacturers, subcontractors and mobility players), the sector's strategy in terms of innovation, competitiveness, employment and skills. It carries the voice and expression of the common positions of the sector. It is also the contracting authority for the Paris Motor Show.

NextMove brings together and supports mobility players in the Île-de-France and Normandy regions daily, in France, Europe and internationally.

Since its creation, **HYVIA has also actively participated in major exhibitions dedicated to hydrogen or H2 conferences**, across Europe, in order to raise awareness among industry players about the challenges of H2 mobility: three participations in Hyvolution, an unmissable event for hydrogen players in Europe, two participations in the Rotterdam Motor Show (Netherlands), participation in the Hydrogen Europe Exhibition in Brussels (Belgium), or participation in numerous conferences, such as recently Connecting Green Hydrogen in Portugal and Spain or New Mobility in Poland.

Constantly exchanging with players in the emerging hydrogen sector is a major challenge for HYVIA.



- Exceptional partnerships with the most daring players in the H2 sector such as BWT Alpine F1 Team™

A partnership with BWT Alpine F1 Team™: a shared commitment to hydrogen and high technology.

"At Alpine, racing, and Formula 1 in particular, are veritable laboratories for the development of tomorrow's technologies. Alpenglow allows us to explore different possibilities around the hydrogen internal combustion engine, which is well suited to sporting applications. Hydrogen will probably be an essential energy carrier for tomorrow's mobility. Alpine needs to be at the forefront of this research, as hydrogen could well be an essential step in the decarbonisation of the next generation of Formula 1 and endurance racing cars."

Bruno Famin, VP Motorsports Alpine

Building on their shared commitment to hydrogen and high technology and the partnership between Plug and Alpine, HYVIA organized Hydrogen conferences during the Formula 1™ France Grand Prix in 2022 and the Dutch Grand Prix in 2023.

A Renault Master Van H2-TECH was delivered to the teams at the Viry-Châtillon site for their logistical needs.



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 est aux avant-postes d’une mobilité qui se réinvente. Fort de son alliance avec Nissan 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 106,000 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.

For more information, please go to www.renaultgroup.com

About Plug

Plug is building an end-to-end green hydrogen ecosystem, from production, storage and delivery to energy generation, to help its customers meet their business goals and decarbonize the economy. In creating the first commercially viable market for hydrogen fuel cell technology, the company has deployed more than 60,000 fuel cell systems and over 180 fueling stations, more than anyone else in the world, and is the largest buyer of liquid hydrogen. With plans to build and operate a green hydrogen highway across North America and Europe, Plug is building a state-of-the-art Gigafactory to produce electrolyzers and fuel cells and multiple green hydrogen production plants that will yield 500 tons of liquid green hydrogen daily by 2025. Plug will deliver its green hydrogen solutions directly to its customers and through joint venture partners into multiple environments, including material handling, e-mobility, power generation, and industrial applications.

For more information, visit www.plugpower.com

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