



Issy-les-Moulineaux • Monday 3 April 2023

Issy-les-Moulineaux's first hydrogen refuelling station, developed by Hype and InThy, opens its doors to the public

Officially opened on April 1st, this station is the first concrete step in Issy-les-Moulineaux's commitment to developing hydrogen applications for the mobility and residential sectors, to fight air pollution and reduce carbon dioxide emissions.

Located in the Arches district, this first station will be able to distribute up to 200kg of green hydrogen per day, which is equivalent to 40 light passenger vehicle tanks per day. This station, with two delivery pressures available, 350 and 700 bar, will be suitable for all types of vehicles: taxis, commercial vehicles, buses, trucks, waste collection vehicles, etc.

A strong commitment by Issy-les-Moulineaux to hydrogen mobility, supported by the Ile-de-France region, the French Agency for Ecological Transition (ADEME), and the European Union.

For several years now, the City of Issy-les-Moulineaux ("the City") has been promoting the use of alternatives to fossil fuels (e.g. renewable electricity, geothermal energy and others). Within this framework, Issy-les-Moulineaux has focused in particular on the development of hydrogen. As a clean energy source, hydrogen is at the apex of the priorities identified by the City. It is a low environmental impact alternative, is complementary to other solutions and is well suited to accelerate the development of renewable energies.

At the forefront of depolluted and decarbonized urban mobility, the City of Issy-les-Moulineaux has enlisted the help of two hydrogen mobility pioneers to carry out this project.

Hype, an independent pure-player in hydrogen mobility, launched by Mathieu Gardies in 2015, is developing the first integrated hydrogen mobility platform simultaneously offering supply, production, distribution and uses. Operating the largest fleet of hydrogen taxis in the world for eight years, and organising the integration of new uses into its platform as they arrive on the market, Hype has contributed its proven expertise in the field of hydrogen mobility to the success of this project.

This new station is part of the "Last Mile by Hype" ecosystem taken over by Hype at the beginning of 2022, which is supported by the French Agency for Ecological Transition (ADEME), the Ile-de-France Region and the European Union. This project includes the deployment of green hydrogen production and refuelling stations in the Ile-de-France region, as well as the development of the Last Mile logistics market. Besides, the construction of the station is also supported by the Clean Hydrogen Partnership, as part of the European project H2ME2.

IntHy, an innovative player in the energy transition sector, develops and operates green hydrogen production and distribution infrastructure projects, coupled with renewable energy production to provide zero-emission mobility solutions. Drawing on its recognised business expertise, the group develops regional energy ecosystems, delivering low environmental impact solutions. IntHy offers its clients and partners an integrated approach to the entire life cycle of an energy infrastructure project, from its development to its operation, with a long-term investment strategy. In 2019, IntHy partnered with Dijon Métropole to develop the first fully integrated, local, zero-carbon mobility ecosystem on a city-wide scale (production, storage and supply). The Issy-Les-Moulineaux station is based on this unique expertise in Europe.

In partnership with the Swiss energy company Alpiq, IntHy is offering private transporters and logistics businesses an integrated turnkey, heavy mobility solution called "HyWay" (from the electron to the truck) throughout France.

Hydrogen uses

The city of Issy-les-Moulineaux, known for its economic dynamism, is home to a number of large companies. Many of them, at various stages of development, are in the process of integrating hydrogen into their vehicle fleets. A frontrunner in this field, the Orange Group based in Issy-les-Moulineaux, has commissioned its first light commercial hydrogen vehicle, the Peugeot e-Expert Hydrogen. This vehicle is part of the "Last Mile by Hype" ecosystem.

André SANTINI, Mayor of Issy-les-Moulineaux and Vice-President of the Greater Paris Metropolis, commented: *"As with the geothermal energy at the Fort or in the eco-neighbourhood of Issy Cœur de Ville, the City of Issy-les-Moulineaux is continually seeking to diversify the sources of renewable energy that it uses, in order to tackle climate change. The reduction of greenhouse gas emissions is indeed a priority for the municipality, and hydrogen is a new opportunity to reduce the share of fossil fuels responsible for these emissions. Particularly well suited to the need for high engine power or long distance, hydrogen propulsion will enable the supply of hydrogen powered heavy goods vehicles, buses, and light and commercial vehicles, such as Hype taxis, as well as our three-wheelers. This is why, in partnership with Hype and IntHy, the city of Issy-les-Moulineaux is installing a station in the heart of its territory that will allow various vehicles to refuel with hydrogen."*

Mathieu GARDIES, CEO, Chairman and Founder of Hype: *"We are very pleased to have successfully completed this project, which was made possible by the strong commitment of the City of Issy-les-Moulineaux - which very early-on opted for the use of hydrogen - the Hype and IntHy teams, as well as the support of the French Agency for Ecological Transition, the Île-de-France region and the European Union. The rapid and parallel development of hydrogen refuelling infrastructure and the relevant uses associated with them is essential to enable the growth and scaling up of hydrogen mobility. As such, Hype will deploy a network of 26 green hydrogen refuelling stations in the Greater Paris area by the end of 2025, of which this new station is the first, with the associated local production. Hype will simultaneously continue to support the development of uses including taxis, light commercial vehicles, buses, waste collection and heavy goods vehicles as they come onto the market. For this opening, we are excited to have refuelled the first hydrogen-powered light commercial vehicle acquired by the Orange Group, which is part of the Last Mile by Hype ecosystem, and to have presented the first hydrogen minivan taxi adapted to the Transport of People with Reduced Mobility (TPMR), produced by Stellantis in Hordain, France, and transformed in collaboration with Hype."*

Dominique Darne and Nicolas Bach, Founders of IntHy: *"This project is the product of a partnership between a forward-thinking and committed local elected official, his municipal team and entrepreneurs who are determined to develop emission-free urban mobility. This station, and those to come, will pave the way for the decarbonisation of mobility in the city and for the people of Issy-les-Moulineaux by accommodating both light and commercial vehicles as well as buses and waste collection vehicles. It will contribute to improving the quality of life in Issy-les-Moulineaux, while setting an example for the Paris region. Through this project, IntHy and its partner Hype are proving that solutions exist to develop mobility without air pollution, noise pollution and CO2 emissions. We believe that electric mobility based on green hydrogen will contribute to meeting the dual challenge of the climate and energy crisis."*

Valérie Péresse, President of the Île-de-France region: *"I am extremely pleased with the opening of this first hydrogen station of the Last Mile project, which will eventually deploy 17 stations¹ in the Île-de-France region. With an investment of €2.2m, the region is financing almost 10% of this excellent initiative! Hydrogen, without a doubt, is a strategic sector for France. In Ile-de-France, we import nearly 87% of our energy. The development of renewable energies, and therefore hydrogen, is a matter of sovereignty. In 2018, through our Regional Energy and Climate Strategy, we set ourselves the goal of doubling our renewable energy production by 2030 and increasing it fourfold by 2050."*

Richard Ferrer, Head of Innovation and Alternative Fuels at the European Climate, Infrastructure and Environment Executive Agency (CINEA): *"It is a great satisfaction to welcome today the very first hydrogen refuelling station of Issy-Les-Moulineaux completed in the framework of the project « LAST MILE » funded by the Connecting Europe Facility (CEF). Developing sustainable mobility in Europe is imperative. By supporting this project the European Union acts concretely for local citizens, but contributes as well to the emergence of a European hydrogen supply network for transport. This is possible thanks for the commitment of public and private actors at local, regional and national level. In doing so, this equipment is fully contributing to the achievement of the European Green Deal objectives."*



**Co-funded by
the European Union**

Press contacts

City of Issy-les-Moulineaux

Damien TRES CARTES
Press Relations
01 41 23 82 58 | 06 62 13 59 44
damien.trescartes@ville-issy.fr
<https://www.issy.com/espace-presse>

HYPE

Laetitia Quignon | 06 83 17 89 13
Kim Weichel | 07 85 94 87 17
hype@brunswickgroup.com

REI Groupe - IntHy

Cécile Hesse | 07 67 71 85 82
contact@inthy.com

¹ 16 refuelling stations, and 1 large-capacity production site

ABOUT THE CITY OF ISSY-LES-MOULINEAUX

Issy-les-Moulineaux is a city in constant motion and development and is showing determination and boldness in all its projects. Under the leadership of its mayor, André Santini, Issy-les-Moulineaux (Hauts-de-Seine), with a population of 70,000, has become one of the most innovative smart cities in France. For example, it was the first city in France to adopt a climate budget in 2021. The city's forward-thinking approach is in line with the objectives set by the Paris Climate Agreement, with the ambition of achieving carbon neutrality by 2050, thanks in particular to the tools of the Smart City. Smart grids, geothermal energy, heating & cooling networks and hydrogen are all part of the arsenal deployed to achieve this goal. Its goal: to put new technologies at the service of residents in order to improve the quality of life and the efficiency of public services.

ABOUT HYPE

Launched in Paris in 2015 at COP 21 in response to the public health emergency of air and noise pollution in urban areas, Hype is developing the first hydrogen mobility platform integrating sourcing and production, distribution and uses, with taxis as the first relevant market. Hype, which has been operating the world's largest fleet of hydrogen-powered taxis for the past eight years, now seeks to drive a rapid and mass transition to zero-emission, on-demand transportation and professional mobility uses. Leveraging its speed of execution and agility with its scalable and integrated model designed to facilitate the use of zero emission mobility solutions for as many drivers and customers as possible in the short term, Hype plans to deploy its platform in 15 other regions in France and around the world by the end of 2025.

www.hype.earth

ABOUT INTHY

IntHy supports local authorities and private players in achieving their decarbonization objectives. A pioneering player in France since 2017 for the development, construction and operation of hydrogen mobility ecosystems, the group is the first player in Europe to develop a fully integrated local zero-carbon mobility ecosystem (production, storage and distribution) on the scale of a metropolitan area in Dijon. As an independent leader in hydrogen technologies, it is also behind the emblematic ISTHY project currently being developed in Belfort, which is intended to become the world's largest industrial center for the testing and certification of on-board hydrogen storage systems. The group is also developing zero-carbon renewable electricity production projects (solar, wind) in synergy with its hydrogen activities.

www.inthy.com

www.inthy-dev.com