

 Press release

McPhy's first contract for a 700 bar hydrogen station in Germany

- H₂ Mobility Deutschland, a major hydrogen mobility player, chooses McPhy's 700 bar station
- McPhy now offers a full range of hydrogen stations: 350 bar, 700 bar and "dual pressure" (350 and 700 bar)
- This 14th McFilling station increases the daily potential of McPhy's stations to 50,500 km of zero emission mobility
- The roll-out of hydrogen mobility is gaining pace

La Motte-Fanjas, September 25, 2018 - 5:45 p.m. - McPhy (Euronext Paris Compartment C: MCPHY, FR0011742329), a specialist in hydrogen production, storage and distribution equipment, today announces its first contract for a 700 bar hydrogen station with H₂ Mobility Deutschland, which is due to enter service in Berlin during the last quarter of 2019.

Nikolas Iwan, Managing Director H₂ Mobility Deutschland GmbH & Co.KG: *"We have seen great progress in McPhy's hydrogen station design in the last two years and are now looking forward to seeing them in operation."*



"This first contract is very encouraging, demonstrating the potential of our technological and industrial advances. McPhy now offers a full range of hydrogen stations that cover all types of vehicle and all applications."

Pascal Mauberger, Chairman and Chief Executive Officer of McPhy, commented: *"At McPhy, we are leading the way forward with our hydrogen technologies for the energy transition and have put clean mobility at the forefront of our efforts over the past few years. We are delighted and proud to have received this order from H₂ Mobility Deutschland."*

Together with the launch of our very high-capacity stations, this first contract bodes very well for the future and demonstrates the potential of our technological and industrial advances. McPhy now offers a full range of hydrogen stations that covers all types of vehicle and all applications.

With this first 200 kg per day 700 bar station, cooled to -40°C and compliant with the SAE-J standard, we have demonstrated our successful shift to industrial scale, as well as the appeal of our cost-effective technical solutions and our status as a leading player in the market. Users will be able to fill up their passenger vehicle in less than 5 minutes, in the same way as for combustion engine vehicles, and their clean vehicles will have a range of several hundred kilometers without emitting any particles causing pollution or making any noise, thereby helping to address the environmental and climate-related challenges we face."

McFilling 200-700 technology selected by a major hydrogen mobility player

H₂ Mobility Deutschland, a consortium of six leading industry players (Air Liquide, Daimler, Linde, OMV, Shell and Total), is a major project aiming to establish a dense network of hydrogen filling stations.

The consortium chose McFilling technology after conducting a rigorous selection process. McPhy will install a station delivering 200 kg in hydrogen per day at a 700 bar pressure (McFilling 200-700), cooled to -40°C and compliant with the SAE-J standard.

This station, which is designed to refuel 40 or so vehicles every day, is due to enter service in Berlin in the final quarter of 2019.

This new addition, McPhy's very first in the 700 bar station segment, will increase the number of McPhy stations to 14 and the daily potential of its stations to 50,500 km of zero emission mobility¹.

Key figures for the McFilling 200-700 hydrogen station

- 200 kg per day at a 700 bar pressure
- Cooled to -40°C
- Compliant with the SAE-J2601-1 2016 standard
- Hydrogen refueling completed in a few minutes
- Supply capacity: 40 hydrogen vehicles with a range of 500 km to 800 km
- Zero emissions: no particles, CO₂ or noise

Commercial outlook: roll-out of hydrogen mobility gains pace

Hydrogen as an alternative clean fuel clearly represents a key success factor for the energy transition and the move to a lower-carbon society. Against this backdrop, mobility was identified as a key market in the Hydrogen Council report², which estimates there is a need for between 5,000 and 15,000 refilling stations by 2030.

The French government has also committed to supporting the nationwide development of carbon-free hydrogen. To this end, the French government plans to invest €100 million in 2019 to support the roll-out of hydrogen and make France the world leader in the field. The priorities under the plan include the development of zero emission solutions for road, rail, and river transport, with the prospect by 2023 of around 5,000 light commercial vehicles, 200 heavy vehicles (buses, trucks, regional express trains, boats) and 100 stations supplied with locally produced clean hydrogen.

By extending its range of hydrogen stations with 700 bar and dual pressure (350 and 700 bar) models, McPhy is establishing itself to cover all clean mobility needs.

Next press release:

2018 revenues – Tuesday, January 22, 2019 after market close.

Calendar:

Come and visit us on 26 and 27 September at the Cité des Congrès Pierre Baudis of Toulouse for the "Journées Hydrogène dans les Territoires"

¹ 14 stations installed or currently being installed

² <http://hydrogencouncil.com/hydrogen-scaling-up/>



ABOUT MCPHY

In the framework of the energy transition, and as a leading supplier of hydrogen production, storage and distribution equipment, McPhy contributes to the deployment of clean hydrogen throughout the world.

Thanks to its wide range of products and services dedicated to the hydrogen energy, zero emission mobility and industrial hydrogen markets, McPhy provides turnkey solutions to its clients. These solutions are tailored to our client applications: renewable energy surplus storage and valorization, fuel cell car refueling, raw material for industrial sites.

As a designer, manufacturer and integrator of hydrogen equipment since 2008, McPhy has three development, engineering and production units based in Europe (France, Italy, Germany).

The company's international subsidiaries ensure a global sales coverage of McPhy's innovative hydrogen solutions.

McPhy is listed on NYSE Euronext Paris (Segment C, ISIN code: FR0011742329; ticker: MCPHY).

CONTACTS

Media relations

NewCap

Nicolas Merigeau

T. +33 (0)1 44 71 94 98

mcphy@newcap.eu

Follow us at



@McPhyEnergy



Investors Relations

NewCap

Julie Coulot | Emmanuel Huynh

T. +33 (0)1 44 71 20 40

mcphy@newcap.eu

