

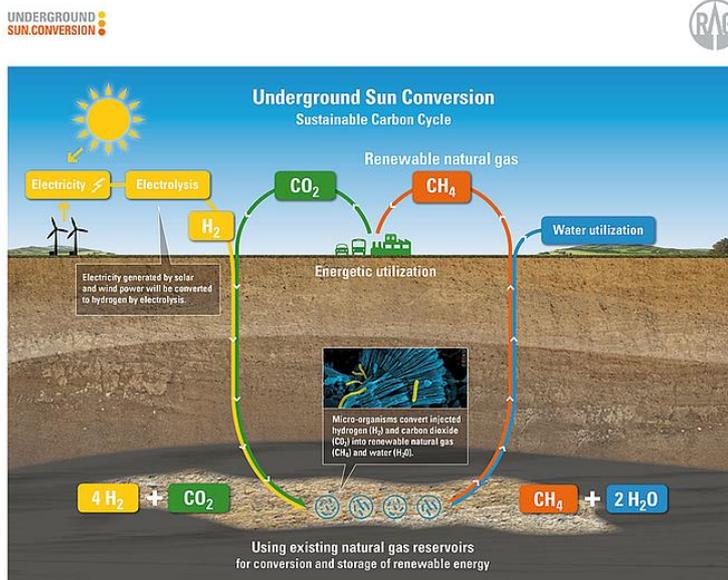
 Press release

Power-to-Gas continues to gain market traction: McPhy wins a €1.3M equipment contract in Austria for an innovative methanation plant operated by RAG

McPhy's generator, powered with renewable energy, will provide green hydrogen for a revolutionary underground methanation process.

Thanks to its high dynamic response capabilities, perfectly aligned with the variability of renewable energies, McPhy's electrolyzer is an ideal tool to provide electricity grid with the flexibility they need.

La Motte-Fanjas (Drôme, France), 7 September 2017 - McPhy, the designer, manufacturer and integrator of hydrogen equipment for the energy, transport and industrial sectors, has been selected by RAG, the Austrian underground gas storage specialist, to supply the hydrogen generation system for its highly innovative Underground Sun Conversion project.



RAG has developed an innovative approach to produce and store green methane from hydrogen generated by renewable energies and micro-bacteria. The synthetic natural gas will be produced and stored directly in a natural gas reservoir more than 1,000 m underground, then fed into the pipeline network to be delivered on demand to consumers.

The project is now entering an industrialization phase, enabling RAG to gain reliable knowledge for future business applications.

At the heart of this project, the hydrogen will be generated by a McLyzer 100-30 electrolyzer.

McPhy technology's decisive benefits for Power-to-Gas applications and grid services

McPhy won this international call for tenders following a thorough selection process with particularly stringent requirements, including: very fast dynamic response to balancing power, delivery of hydrogen directly at 30 bar, technological maturity and system robustness. The McLyzer 100-30 hydrogen generator offered a perfect response to these high expectations.

Its dynamic response to follow the fast variations of current coming from renewable energies has been long demonstrated thanks to the data collected since 2014 on the "H₂BER" Power-to-Gas project in Berlin.

McPhy's electrolyzer is positioned as an ideal tool for managing grid stability faced with the growing levels of energy from renewable sources and taking part in primary and secondary reserve.

Designed by McPhy to limit their environmental impacts, its hydrogen generators combine a zero loss purification unit with a closed-loop system to minimize water consumption during its transformation into hydrogen. Their renowned durability will make it possible to support the Underground Sun Conversion industrial project over the long term.

Power-to-Gas Key benefits of McPhy's hydrogen generation equipment

- Dynamic response for fluctuations in electrical power
- High-pressure production
- Outstanding energy efficiency
- Economic competitiveness
- Reliability and robustness of a mature technology
- Simple use and maintenance

13 MW of Power-to-Gas equipment

"I am delighted that RAG has selected McPhy's electrolyzer as a core component for its Underground Sun Conversion project. This equipment, which will be commissioned mid-2018, is designed for an automatic operation, with low maintenance requirements. This will enable our client to focus on its core process: the methanation.

With this latest contract, McPhy will soon have installed over 13 MW of Power-to-Gas capacity, representing an overall production capacity close to 6 tons of clean hydrogen per day.

This key reference once again confirms McPhy's position as a major player for Power-to-Gas thanks to the relevance and modular capabilities of our McLyzer range."

Pascal Mauberger | Chairman and Chief Executive Officer

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).



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