



## Hydrogen generation: McPhy Energy and ThyssenKrupp Uhde Chlorine Engineers seal a strategic commercial alliance

McPhy Energy to become ThyssenKrupp Uhde Chlorine Engineers' exclusive supplier for high-capacity, high-pressure hydrogen generation equipment for the carbon-free mobility and renewable energy sectors.

*La Motte-Fanjas, June 15th, 2015* - McPhy Energy, a leading developer of hydrogen-based solutions for industry and energy markets, and ThyssenKrupp Uhde Chlorine Engineers, a world leader for chlor-alkali and hydrochloric acid electrolysis plants, have signed a strategic commercial agreement in the area of hydrogen generation. McPhy Energy will become ThyssenKrupp Uhde Chlorine Engineers' exclusive supplier for its high-capacity and high-pressure water electrolysis-based hydrogen generation equipment for the renewable energy storage market, particularly power-to-gas and carbon-free mobility applications. The Japanese market and atmospheric pressure water electrolysis are not part of the exclusivity in this agreement.

Dr. Sami Pelkonen, CEO of ThyssenKrupp Uhde Chlorine Engineers: *" This strategic alliance will enable us to bring our knowledge from more than 400 electrolysis projects into the growing and important industry sector of renewable energy storage. The customers in this market will benefit from a strong global team of experts. This alliance will enlarge and speed-up our offerings in the electrochemical plant and technology business, especially with regards to large-scale high-pressure alkaline electrolyzers "*.

Pascal Mauberger, CEO of McPhy Energy: *"By attacking the renewable energies market with our new-generation equipment, delivering improved technical and economic performance capabilities, ThyssenKrupp Uhde Chlorine Engineers will help drive our commercial deployment forward"*.

The alliance will make it possible to accelerate the commercial deployment of the new-generation alkaline high-pressure water-electrolysers developed by McPhy Energy using De Nora's activated electrodes, thanks to ThyssenKrupp Uhde Chlorine Engineers' strong commercial capabilities and engineering expertise.

Created in April 2015, ThyssenKrupp Uhde Chlorine Engineers is a joint-venture in which the plant engineering and construction company ThyssenKrupp Industrial Solutions has a majority stake, alongside the Italian electrochemical technologies specialist De Nora. In addition to developing chlorine electrolysis equipment and processes, ThyssenKrupp Uhde Chlorine Engineers has set itself a goal to build its position on water electrolysis equipment for renewable energy specialists.

### About McPhy Energy

McPhy Energy is a leading developer of hydrogen-based solutions for energy storage and industry applications. The company draws on its exclusive technique for storing hydrogen in solid form and its years of experience in producing hydrogen through water electrolysis to design and manufacture flexible storage and production equipment.

McPhy Energy markets easy-to-use, environmental-friendly solutions combining unique safety features and energy independence in the renewable energy, mobility and industry sectors.

The Group has three production sites in France, Germany and Italy, a R&D laboratory in France and three sales subsidiaries in North America, the Asia-Pacific and the Russia-Eastern Europe-Central Asia regions.

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

More information on: [www.mcphy.com](http://www.mcphy.com)

### About ThyssenKrupp Uhde Chlorine Engineers

ThyssenKrupp Uhde Chlorine Engineers is a joint venture between ThyssenKrupp Industrial Solutions and Industrie De Nora. It has been established in April 2015 by integrating the electrolysis plant businesses of the formerly separated entities ThyssenKrupp Electrolysis, UHDENORA and Chlorine Engineers. The majority shareholder is ThyssenKrupp Industrial Solutions. ThyssenKrupp Uhde Chlorine Engineers offers leading technologies and comprehensive solutions for high-efficiency electrolysis plants. Headquartered in Dortmund, Germany, the company is represented worldwide with further locations in Okayama, Tokyo, Shanghai, Milan and Houston. With its global presence the company is close to its customers and provides fast and comprehensive technology services.

More information on: [www.thyssenkrupp-uhde-chlorine-engineers.com](http://www.thyssenkrupp-uhde-chlorine-engineers.com)

A full range of specialist engineering and construction services and a shipbuilding history stretching back centuries are the strengths of the ThyssenKrupp Industrial Solutions business area. High-quality engineering is at the center of our success. Global project management skills, first-class system integration expertise, reliable procurement and supplier management, and a service offering meeting the highest standards form the basis for lasting customer satisfaction. Around 19,000 employees at over 70 locations form a global network with a technology portfolio that guarantees maximum productivity and cost-efficiency.

More information on: [www.thyssenkrupp-industrial-solutions.com](http://www.thyssenkrupp-industrial-solutions.com)

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