



## Hydrogen energy: McPhy Energy and CNR join forces to develop carbon-free mobility and power-to-gas projects

In conjunction with today's visit of the French President to the Lyon port terminal for an event on green hydrogen, McPhy Energy and CNR Energie have announced a partnership to jointly develop this new industrial sector and support energy transition.

As the development of hydrogen applications linked to the storage and monetization of renewable energies, these two companies based in the Rhône-Alpes region have pooled their expertise to develop a green hydrogen value chain. McPhy Energy will contribute its technology and its hydrogen production, storage and distribution equipment, and CNR its experience in both 100% renewable energy and regional development to establish hydrogen energy as a new sector capable of addressing the challenges of energy transition.

*Lyon, July 1, 2015* - McPhy Energy, specializing in hydrogen-based solutions for industrial and energy storage, and CNR (*Compagnie Nationale du Rhône*), France's leading 100% renewable energy producer, have entered into a memorandum of understanding for the joint development of hydrogen energy projects, in particular in the zero emission mobility and power-to-gas segments.

Under the terms of this agreement, McPhy Energy will contribute its unique technological expertise and also its energy production and storage equipment, and CNR its intermittent energies production and management know-how to propose new mobility and storage solutions for renewable electricity capable of contributing to sustainable regional development.

The first area for joint development concerns the **hydrogen filling stations to be built in Southeast France** in 2015 within the framework of the "Mobility Hydrogen France" plan. McPhy Energy will provide its integrated HRS hydrogen production, storage and distribution solutions and CNR its green electricity as well as its solutions for monetizing the flexibility of electricity consumption.

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### Press Contact

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McPhy Energy, CNR and their common partner, Symbio FCell, a manufacturer of hydrogen cells, already participate in the Hyway project in the Rhône-Alpes region to deploy a fleet of electrical vehicles equipped with a hydrogen fuel-cell range extender.

CNR and McPhy Energy are part of a consortium for the **development of a Power-to-Gas demonstration project** to test large-scale renewable electricity storage within the gas supply network.

To promote the renewable hydrogen model in France and in international markets, McPhy Energy and CNR will jointly participate in renewable energies and carbon-free mobility events. On this basis, as at the Renewable and Exhibition held in Lyon in March, **McPhy Energy, CNR and Symbio FCell will share a stand at the International Meeting on Ecological Vehicles (Rive 2015) on July 7-8, 2015** to be held at the Alès multi-circuit motorsports complex (Gard, France).

*"We are very delighted to have formed this partnership with CNR, a top-tier industry participant that like us, is an active contributor to sustainable development and its region. Together we will build local and sustainable energy models",* explained Pascal Mauberger, McPhy Energy's Chairman and Chief Executive Officer.

*"Green hydrogen offers a way forward for renewable energies by exploiting its possibilities for large-scale storage and new zero emission solutions for land or inland waterways-based mobility. As a company focused on developing the energies of tomorrow, by partnering with companies like McPhy Energy, our goal is to address energy transition challenges at regional levels through innovation"* emphasized Thierry Saegeman, Chief Executive Officer of CNR.

## About McPhy Energy

McPhy Energy, a leading developer of hydrogen-based solutions, was founded at La Motte Fanjas (Drôme) in France in 2008. 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 and a R&D laboratory in France. McPhy Energy is listed on NYSE Euronext Paris (Segment C, ISIN code: FR0011742329; ticker: MCPHY)

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## About CNR

Compagnie Nationale du Rhône is France's leading producer of exclusively renewable energy (hydraulic, wind, solar) and the operator of the Rhône River concession from the Swiss border to the Mediterranean since 1934 with multiple missions: hydropower production, improving navigation harbor facilities, providing water for irrigation and other agricultural uses.

As an integrated industry player, at the cutting edge of energy fields, CNR proposes services for managing and monetizing intermittent energies. In addition, its engineering expertise is made available to third parties in France and 30 countries. To promote energy transition, it contributes to the development of intelligent energy networks, energy storage and sustainable electrical mobility.

As a public interest French corporation (*Société Anonyme d'Intérêt Général*), CNR occupies a unique position based on an industrial model focusing on regional development and its system for sharing value created locally with its stakeholders. CNR's capital is majority-held by public shareholders (regional authorities, Caisse des Dépôts). The Engie Group is its lead industrial shareholder.

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