

AAQIUS presents its game-changing mobility innovation:

STOR-H, the new hydrogen standard

AAQIUS has chosen to present its latest ground-breaking innovation in the field of mobility and low-carbon energy: STOR-H, the new hydrogen standard.

From 4 to 10 December, at Paris' Grand Palais, those visiting Solutions COP21 will have the chance to discover the first STOR-H scooter and a new hybrid sports car that operates on the same technology.

STOR-H: revolutionising energy consumption

While global vehicle production is set to rise from 60 to 120 million by 2020, the energy supplies grow increasingly scarce. As such, AAQIUS has reinvented its business model by creating STOR-H—a mixture of ground-breaking hydrogen storage technology and a new form of energy consumption adapted for current needs and environmental issues.



The primary aim was to create a green energy: hydrogen - the only clean mobility solution that can rival the self-sufficiency of traditional combustion vehicles.

It also represents a breakaway from normal energy consumption methods: the cartridge - it frees the consumer from the limitations of the distribution networks inherited by the oil era.

STOR-H, a new user-oriented energy standard

STOR-H offers a new form of energy that's readily available, secure and easy to use.

Thanks to the packaging of the cartridges, which are as easy to manipulate as a bottle of mineral water, the hydrogen becomes inert and is therefore easy to get to and transport securely.

You can refill the tank in just a click! Just insert the cartridge directly into your vehicle. As soon as it starts operating, the hydrogen in the cartridge is transformed into electricity and water.

A new standard:

- **Accessible everywhere and risk-free**: the cartridges are available in vending machines everywhere: local shops, dealerships, supermarkets, petrol stations, and can even be delivered to your door.
- **Adaptable for all types of vehicles**: motorbikes, cars, boats... Consumers can use the same cartridge in all their personal modes of transport in complete safety.
- **Rechargeable**: once a cartridge is empty, it can be exchanged for a fully charged one according to the original order. All cartridges are sustainably rechargeable.
- **Connected**: consumers can monitor their consumption and order new cartridges directly via the app on their mobile phone, through which they can access the user community and distribution network.
- **Environmentally ambitious**: STOR-H can help make the city more peaceful, quiet and clean.

"The STOR-H standard and its network are creating revolutionary opportunities in terms of green energy; the benefits of STOR-H are two-fold, it's ecologically viable and attractively priced." Jean-Baptiste Dementhon, Vice-President, Technology & Platforms AAQIUS.

AAQIUS is also being innovative in providing the co-funding for STOR-H technology alongside its industrial partners thanks to investment funds specially aimed at large-scale industrial projects.

A pilot fleet of 100 STOR-H scooters was deployed in Asia over 2 years ago. AAQIUS now planning to expand globally as of 2017.

About AAQIUS

AAQIUS is a Swiss company specialising in the development of ground-breaking 'green' and 'low-carbon' technology in the fields of transport and energy.

With its outstanding track record, AAQIUS' growth has been built on a unique 'R&B' (Research and Business) business model, which combines technical expertise, innovative projects and the ability to carry out such projects while still ensuring the business' funding and profitability in order to access the market and guarantee its success. www.aaqius.com

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