Press Release
14 December 2015

SWARM partners welcome significant progress achieved during the project's General Assembly in Coventry

The participants of the SWARM project met last month (09th-10th November 2015) in Coventry at the transport museum and welcomed the significant progress achieved in the last period of the project. This follows a short break in the demonstration activities during which a full review of the project was conducted allowing a rebalancing of the activities to ensure they are aligned with the partners' commercial plans and that they benefit the regional H2 deployment plans in the respective project's regions. Key progress in the last 6 months includes:

- Development and beginning of operation for two MicroCab Hydrogen Electric Vehicles (H2EVs) in Coventry (UK) alongside a recommissioned Hydrogen Refuelling Station (HRS) at Coventry University. Over the coming months the fleet will be completed by an additional 8 vehicles, including the newly developed HyLITE vehicles. The existing HRS at Birmingham University will be recommissioned in early 2016, consolidating further the hydrogen refuelling network in the Midlands (UK).
- Successful build of the Riversimple Mark 2 Alpha pre-production prototype, with innovative powertrain. The car is running and will be launched publicly in January 2016. The host city for the 2016 trial of 20 cars in the UK is under wraps for the time being but will be announced shortly. Site planning for the refuelling is the next phase of development, along with the go-ahead to build the trial cars.
- First stone of the Air Liquide HRS has been laid in Belgium on the Toyota premises in Zaventem. This station will be the first public HRS in Belgium and will connect the country to the European hydrogen network. The station can refill between 30 and 40 cars a day with each refill taking less than 5 minutes and will be operational by mid-2016.

Additional information can be found on the news section of the SWARM website: http://swarm-project.eu/news.html

A fruitful meeting - the SWARM partners welcome significant progress achieved during the project's General Assembly in Coventry in November 2015

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For more information, visit www.swarm-project.eu or contact info@swarm-project.eu

The research leading to these results has received funding from the European Union's Seventh Framework Programme (FP7/2007-2013) for the Fuel Cells and Hydrogen Joint Technology Initiative under grant agreement n° 303485.

About SWARM: SWARM ("Demonstration of Small 4-Wheel fuel cell passenger vehicle Applications in Regional and Municipal transport") is a European FCH JU funded project. The project will lead to a large-scale roll-out of small hydrogen passenger vehicles in three regions of Europe: the British Midlands, the Belgian Brussels and Wallonian regions, and the region Weser-Ems in North West Germany. Each of these regions will receive a new state-of-the-art hydrogen filling station which will contribute to the build-up of an uninterrupted 'hydrogen highway'.

Companies participating in SWARM:

Vehicle Providers:

riversimple

H2O e-mobile

Coventry University Enterprises Limited

MICRO:CAB life without oil™

Hydrogen Production & Infrastructure:

AIR LIQUIDE

Safety and Type Approval:

TÜV SÜD

Analysis:

elementenergy

PLANET GbR

Research Institutions:

UNIVERSITY OF BIRMINGHAM

ULB

Universität Bremen

Université de Liège

JADE UNIVERSITY OF APPLIED SCIENCES Wilhelmshaven Oldenburg Elsfleth

Deutsches Forschungszentrum für Künstliche Intelligenz GmbH

NEXT ENERGY EWE-Forschungszentrum für Energietechnologie e.V.

Users:

Wallonie

SPW Service public de Wallonie

The Universities involved in the project will also be end-users

About the FCH JU: The Fuel Cells and Hydrogen Joint Undertaking (FCH JU) is a unique public private partnership supporting research, technological development and demonstration (RTD) activities in fuel cell and hydrogen energy technologies in Europe. Its aim is to accelerate the market introduction of these technologies, realising their potential as an instrument in achieving a carbon-lean energy system. Fuel cells, as an efficient conversion technology, and hydrogen, as a clean energy carrier, have a great potential to help fight carbon dioxide emissions, to reduce dependence on hydrocarbons and to contribute to economic growth. The objective of the FCH JU is to bring these benefits to Europeans through a concentrated effort from all sectors. The three members of the FCH JU are the European Commission, fuel cell and hydrogen industries represented by the NEW Industry Grouping and the research community represented by Research Grouping N.ERGHY.

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