



Hydrogen Europe: European Hydrogen & Fuel cell Project Database

Project LiquidPower

Fuel cell systems and Hydrogen supply for Early markets

The LiquidPower project addresses the topic "SP1-JTI-FCH.2011.4.3 aiming on developing a new generation fuel cell systems for the early markets of back-up-power/telecom (BT) and material handling vehicles (MH) as well as a new innovative hydrogen supply method based on onsite methanol reforming. The LiquidPower project objectives are: R&D of a fuel cell system for Back-up-power and Telecom applications (BT), reaching full commercial market targets by 2015. R&D of a fuel cell system for material handling vehicles (MH), reaching full commercial market targets by 2015. R&D of a methanol reformer for onsite Hydrogen supply, enabling supply of low cost hydrogen for the early markets of BT and MH. Focus on reduced system cost and improved efficiency and outlet pressure. For each of the developed technologies, laboratory tests are to be conducted in order to validate reaching of the technical and market targets Continued R&D efforts are to be planned and secured initiated as well as securing patents on the developed technologies. The participating companies are to plan and secure initiation of following commercialisation & product maturation in order to ensure a commercial exploitation of the developed technologies. Project results and experiences are to be disseminated throughout Europe to the hydrogen and fuel cell industry as well as the BT and MH industries, in order to identify further collaboration partners up- and downstream the value chain.

Project Information

Type of project : Research

Timing : 01/10/2012 > 31/05/2016

Project website: <http://not provided PRD 2016>

Project Budget : 3.822.390 €

Funding

European Union through FCH JU: [Grant agreement 303461 - CORDIS link](#)

Project partners

Coordinator :

[Ballard Power System Europe A/S \(Previously Dantherm\)](#)

Partners :

[Nel Hydrogen](#)

[ZBT - The Hydrogen and Fuel Cell Center](#)

CATATOR AB

Sub project(s)

Sub project 1

Country: Denmark

Address:

MAJSMARKEN 1 9500 HOBRO

Sub project categories

Research

Project Id: 1036

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