



Hydrogen Europe: European Hydrogen & Fuel cell Project Database

Project AUTO-STACK

Automotive Fuel Cell Stack Cluster Initiative for Europe

While the supply base for materials and components in Europe is well advanced and competitive, stack integration is lagging behind due to massive investment requirements and risks associated with commercialization. The project aims to develop approaches to address the critical barriers for substantial improvement of collaboration between major stakeholders and establishing a solid business model for an independent European stack integrator for automotive applications. In the work proposed, key European players including automotive OEMs, component suppliers, and research organizations are involved to provide a structured approach to establish fuel cells as a mass product ready for market. While the target of this topic is PEM fuel cell stacks for car and light duty vehicle propulsion, synergies with other vehicle categories such as public transport buses and off-road vehicles as well as vehicular APUs and stationary applications will be considered and explored. The key objective of the work proposed is to “Make a proposal for a market start of an European automotive fuel cell stack industry”.

Project Information

Type of project : Others

Timing : 01/01/2010 > 30/09/2011

Project website: <http://autostack.zsw-bw.de/index.php?id=1&L=1>

Project Budget : 2.827.448 €

Funding

European Union through FCH JU: Grant agreement 245142 - [CORDIS link](#)

Project partners

Coordinator :

[ZSW - Zentrum für Sonnenenergie- und Wasserstoffforschung Baden-Württemberg](#)

Partners :

[CEA - Commissariat à l'énergie atomique et aux énergies alternatives](#)

[Daimler](#)

[PSI - Paul Scherrer Institut](#)

[Powercell AB Sweden](#)

REINZ-DICHTUNGSGMBH

CENTRO RICERCA FIAT SCPA

FREUDENBERG FCCT SE & CO. KG

JRC - JOINT RESEARCH CENTRE- EUROPEAN COMMISSION

SAFRAN AIRCRAFT ENGINES

SOLVAY SA

SOLVICORE GMBH & CO KG

UMICORE AG & CO KG

VOLKSWAGEN AG

Sub project(s)

Sub project 1

Country: Germany

Address:

Industriestrasse 6 70565 STUTTGART

Sub project categories

Others

Project Id: 916

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