



Hydrogen Europe: European Hydrogen & Fuel cell Project Database

Project Fit-4-AMandA

Future European Fuel Cell Technology: Fit for Automatic Manufacturing and Assembly

The main target of our work is to industrialise the stack production, to deliver affordable fuel cell systems in larger quantities to saturate the emerging market/demand. Heart of our call is to build a worldwide new and unique machine which allows serially* produce the centrepiece of fuel cell system: the stack. This will revolutionize the way how stacks are produced in future. The members of the consortium are: a developer and producer of fuel cell systems (Proton Motor Fuel Cell GmbH), a supplier of MEAs and BiPolar Plates (BPP) (EWII), a supplier of industrial machinery for assembly, handling and testing equipment (USK Karl UTZ Sondermaschinen GmbH), two renowned research institutions (Technische Universität Chemnitz / ALF, Fraunhofer IWU) and a EU project management expert (Uniresearch B.V.) and last but not least, UPS an international transport OEM with its own vehicle production of Light Commercial Vehicles. The result of our project work can be used for several purposes: Branding, Prototyping and Business development. The stacks can be used outside of automotive industry, because they can be adapted to other applications (such as uninterruptible power sources) by the design of a fuel cell system.

Project Information

Type of project : Research

Timing : 01/03/2017 > 29/02/2020

Project Budget : 2.999.185 €

Funding

European Union through FCH JU: **Grant agreement 735606 - CORDIS link**

Project partners

Coordinator :

UNIRESEARCH BV

Partners :

[Proton Motor](#)

[EWII Fuel Cells A/S \(previously IRD\)](#)

[Fraunhofer ICT-IMM Fraunhofer Institute for Chemical Technology ICT, Branch IMM](#)

USK KARL UTZ SONDERMASCHINEN GMBH

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Sub project(s)

Sub project 1

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Sub project categories

Research

Project Id: 968

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