



Hydrogen Europe: European Hydrogen & Fuel cell Project Database

Project TAHYA

TAnk HYdrogen Automotive

While automakers have demonstrated progress with prototypes and commercial vehicles traveling greater than 500 km on a single fill, this driving range must be achievable across different vehicle makes and models and without compromising customer expectations of space, performance, safety, or cost. The TAHYA project, mainly led by industrial partners -already involved in producing and manufacturing hydrogen solutions for the automotive and aviation industry-, will focus on the development of a complete, competitive and innovative European H2 storage system (a cylinder with a mounted On-Tank-Valve with all integrated functionalities) for automotive applications up-performing the actual Asian and US ones. The TAHYA consortium composed of Optimum CPV, Anleg, Raigi, Volkswagen, Chemnitz University of Technology, Bundesanstalt für Materialforschung und -prüfung, PolarixParner and Absiskey will ensure that the development phase of the storage system remain in line with the expectations (cost, performance and safety) required by the market, end users' and car manufacturers. The key objectives of the TAHYA project are: OBJ#1: Preparatory work to provide a compatible H2 storage system with high performances, safe and Health Safety Environment responsible. OBJ#2: Provide a compatible H2 storage system with mass production and cost competitive. OBJ#3: Regulation Codes and Standards (RCS) activities to propose updates on GRT13 and EC79 according to tests results obtained over the duration of the project.

Project Information

Type of project : Research

Timing : 01/01/2018 > 31/12/2020

Project Budget : 3.996.943 €

Funding

European Union through FCH JU: [Grant agreement 779644 - CORDIS link](#)

Project partners

Coordinator :

OPTIMUM CPV
ABSISKEY
ANLEG GMBH
BUNDESANSTALT FUER MATERIALFORSCHUNG UND -PRUEFUNG
POLARIXPARTNER GMBH
RAIGI SAS
TECHNISCHE UNIVERSITAET CHEMNITZ
VOLKSWAGEN AG
VOLKSWAGEN AG

Sub project(s)

Sub project 1

Country: Belgium

Address:

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Sub project categories

Research

Project Id: 1243

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