D4.1 Project launch - website operable, Press release & Letters

REPORT

13.11.2013

Dissemination level: PU

(Public)

Acknowledgement

This project is co-financed by European funds from the

Fuel Cells and Hydrogen Joint Undertaking

FCH-JU-2012-1 Grant Agreement Number 325364

The project partners would like to thank the EU for establishing the Fuel cells and hydrogen framework and for supporting this activity.

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Introduction & scope of tasks

This document serves as a reporting on the initial dissemination efforts within the HyAC project.

Following the project start October the following dissemination efforts have been conducted:

- Creation & operation of a project website at www.hy-ac.eu
- Formulation & sending out of a press release on project launch
- Formulation & sending out of a stakeholder letter inviting for dialogue & contributions

The website is live and in operation and the press release and stakeholder letter is scheduled for publication on November 20, 2013.

On the following pages is provided a copy of the press release, stakeholder letter and a screen-dump of the website front page – as documentation for meeting the deliverable 4.1.

1. Copy of press release

Press release | November 20, 2013

New European project on hydrogen metering accuracy

HyAC is a new European project supported by the Fuel Cells & Hydrogen Joint Undertaking Program. HyAC is to address verification of metering accuracy at hydrogen refueling stations and provide recommendations for legal requirements & procedures.

An increasing number of fuel cell electric vehicles and hydrogen refueling stations are being demonstrated in a number of European countries as a preparation of a gradual market introduction beyond 2015.

The gradual change from demonstration to commercial sale of hydrogen fuel will require methods and procedures for hydrogen accuracy and metering. This is to ensure that vehicle users receive the quantity of hydrogen that is paid for at refueling station.

At present existing European or national legal metrology requirements for fuels, does not include hydrogen, which HyAC is to address through conducting three overall tasks:

- *Validate and demonstrate that state-of-the-art hydrogen mass flow metering equipment can meet expected legal requirements by conducting accuracy testing*
- *Analyze existing legislation & standards on gas fuel metering accuracy and past experiences & activities on hydrogen metering accuracy approval & verification*
- *Provide technical recommendations for a potential future inclusion of hydrogen in e.g. the MID Directive and OIML Standard and formulation of guidelines for national authorities in country approval of hydrogen accuracy*

The outcome of the HyAC project will be a public report in late 2014 with results of the project and *"Recommendations for legal requirements & procedures for verification & approval of hydrogen metering accuracy"*. This can act as basis for a potential inclusion of hydrogen in a legal metrology frame e.g. on European level through the MID directive or OIML standard and on national country level.

HyAC is consortium of nine partners covering metrology expert organizations from Sweden, United Kingdom and Denmark and several technology, energy and car companies.

Learn more at: www.hy-ac.eu

HyAC project partners:

SP Technical Research Institute of Sweden
Doms Metrology ApS
National Measurement Office
H2 Logic A/S
Heinrichs Messtechnik GmbH
Siemens Flow Instruments A/S
Shell Downstream Services International BV
GE Sensing & Inspection GmbH
Daimler AG

2. Copy of stakeholder letter

November 20, 2013

Att: *Stakeholders in relation to EU MID directive & OIML & Welmec.*
National authorities & organizations on legal fuel metering.
European hydrogen infrastructure initiatives & projects.

Invitation to follow & contribute to the HyAC project:

"Recommendations for legal requirements & procedures for verification & approval of hydrogen metering accuracy"

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To ensure input on past experiences and a strong dissemination platform the HyAC project would very much like to establish a dialogue with relevant stakeholders in Europe, e.g. national authorities, MID/OIML stakeholders and European hydrogen initiatives.

November 20, 2013

Those stakeholders are therefore invited to follow and contribute with input during the HyAC project. This can be done by signing up to the HyAC network list via the project coordinator below. Each relevant stakeholder will be contacted by the coordinator to further discuss the opportunities for input and project involvement.

HyAC Project coordinator: info@hy-ac.eu
HyAC Project website: www.hy-ac.eu

HyAC project partners:

Metrology expert organizations

- *SP Technical Research Institute of Sweden (SE)*
- *Doms Metrology ApS (DK)*
- *National Measurement Office (UK)*

Technology & equipment suppliers

- *GE Sensing & Inspection GmbH (DE)*
- *Heinrichs Messtechnik GmbH (DE)*
- *Siemens Flow Instruments A/S (DK)*
- *H2 Logic A/S (DK)*

Energy company & car manufacturer

- *Shell Downstream Services International BV (NL)*
- *Daimler AG (DE)*

The HyAC project is co-financed by the Fuel Cells and Hydrogen Joint Undertaking Program: www.fch-ju.eu

3. Screen-dump of website front page

The website is located at www.hy-ac.eu and contains four sections:

1. Home – front page
2. Partners – listing of all project partners
3. Content – introduction to project scope and tasks
4. Publications – where all deliverables and publications will be placed during the project