

HyFacts

**Identification, Preparation and Dissemination of
Hydrogen Safety Facts to Regulators and Public
Safety Officials**

*Presented by Frederic Barth
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Project goals



- Develop modular material for training of regulators and safety officials
 - Focus on hydrogen safety approaches and standards
 - Main target : safety auditors and permitting officials
- Develop a vision and road-map for permanent training activities
- Impact will be to shorten approval process for *hydrogen installations*

“The HyFacts project aims to develop and disseminate fully up-to-date contemporary material in the form of customized training packages for regulators and public safety experts providing accurate information on the safe and environmentally friendly use of hydrogen as an energy carrier for stationary and transport applications under real conditions. The training material will focus on the fundamental aspects of hydrogen safety and on the safety approaches and criteria developed in standards and according to which hydrogen systems are engineered for the safe use of hydrogen under all circumstances.”

Project description



- 2,5 Years – started Feb 2011
- 1 M€ budget
- Partners:
 - TÜV SÜD Akademie GmbH (leader) (D)
 - Air Liquide (F)
 - CCS Global Group (GB)
 - FAST/EHA (IT)
 - HSL (GB)
 - University of Ulster (GB)

Key milestones & deliverables



- M1: Kick off meeting (done)
 - M2: Steering Group meeting 1 (done)
 - D2.1: Outline of content for teaching material (done)
 - M3: SG meeting 2 (done)
 - D3.1: Database of contacts and training facilities (done)
 - D3.2: Online questionnaire (done)
 - D5.1: Project website online (done)
 - D5.1: Map of existing training activities (M12)
 - D4.1: Draft teaching material outline (M12)
 - D3.4: Report on existing training material (M15)
 - M7: First short course (M18)
 - M9: Second short course (M24)
 - M10: Third short course (M29)
 - D4.3: Final training package (M30)
- „Test phase“

Relation with MAIP targets and Achievements



- Cross cutting issues – Education and awareness
- Supporting deployment in the 4 AA's
- Achievements to date
 - Survey of the target-group (Regulators and public safety officials)
 - Table of content defined
 - Responsibilities assigned, integration process in place
 - Elaboration of material in progress

- Collaborations
 - Cooperation with TrainHy, HyProfessional

- Future Perspectives
 - The HyFacts training material is designed to be used by commercial training entities to develop and deploy customized training offerings

- Need/opportunities for international collaboration
 - Comparison with similar content developed once completed if available
 - Continuous improvement envisaged
 - European wide and international dissemination

THANK YOU

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