



EUROPEAN
COMMISSION

Hydrogen and Fuel Cell Review Days 2007

Brussels, 10-11 October
Hotel Marriot Courtyard

Workshop: Infrastructure build-up - socioeconomic RTD in support to policy

10th October, 14.00- 17.15

Workshop draft agenda

Chairpersons: Prof. Luigi Paganetto, ENEA (invited)

Rapporteur: Prof. Nigel Lucas, Imperial College

14:00- 14.10 Introduction and scene setting- Beatrice Coda, European Commission

14.10- 14.30 The Implementation Plan vision for Infrastructure build up and industry's perspectives: Philippe Mulard, Total, FCH JTI Industry Grouping

14.30- 14.55 Hywyas Project: Main achievements and future outlook (*speaker to be defined*)

14.55-15.15 US DoE modelling and tools/ H2A and Integrated model approach(Tim Armstrong, Argonne National Laboratories)

15.15- 15.25 Hyways IPHE: experiences so far (*speaker to be defined*)

15.30- 15.50 Roads2hycom Project: The " Community" dimension of infrastructure-build up (Soeren Truemper, PLANET)

15.50- 16.05 Dynamis: The "large-scale" dimension (Jens Hetland, SINTEF)

16.05-16.30 Risk Sharing Finance Facility: generalities, "lighthouse projects" in JTI, infrastructure build-up support (Anna Krzyzanowska, European Commission)

16:30-17:15 Discussion on the following lines:

- Lessons learned
- Scope of actions, pathways and infrastructure build up analysis appropriate to JTI
- Procedural approaches for consensus building, strategy development
- Establishing a common modelling approaches / analysis "language" at EU level for modelling and scenario analysis
- (Developing the "base case")
- Infrastructure build up analysis in support of RSFF
- International co-operation

Background

The Implementation Plan prepared by the HFP Implementation Panel indicates the necessity of developing and applying “socioeconomic tools in support of policy ” in order to continuously evaluate the impact of hydrogen and fuel cell technologies on the European economy, the global environment, and energy diversity and security. The Joint technology Initiative (JTI) - as a public private partnership at EU level - will provide a unique platform for both the public and the private side to explore options for developing hydrogen and fuel cell systems in directions that are at once sustainable from an economic and environmental point of view and also commercially viable. In this context, the need is to maximise the benefits for the public side without comprising the commercial interests. Scenario analysis and modelling tools can help explore options for commercially viable infra-structure build-up.

The EC has contributed over the last years with funding of several initiatives which have also helped to shape and validate the vision of the Technology Platform.

Anticipating the JTI, and taking stock from past and current initiatives, raises some key questions:

What public-private structures are needed under the Joint Technology Initiative to develop a consensus strategy on infrastructure build-up that is both sustainable and commercially viable?

What lessons can be learned from finished and ongoing projects and socio-economic analysis?

Are the modelling tools we have sufficient - or do they need further development and refinement? If so in what areas ?

How and which infrastructure build up tools could be useful for the JTI?

How best can analysis at EU level be aligned with similar analyses at member state level - is it feasible to develop a common set of tools to support national and even regional level analysis of infrastructure build-up options?

Is there an international cooperation dimension which is interesting?

Objectives - Expected outcome

The aim of the workshop is provide a forum for discussion between different stakeholders and capitalising on the main projects and findings in FP6. It is hoped to develop as deliverables, recommendations for procedural approaches, structuring consultation, consensus building, which can be proposed to the Interim Structure/JTI and for alignment of EU/MS actions in these areas. The EC will publish the proceedings of the workshop/ conference.