

Benchmarking of European and U.S. Hydrogen Roadmapping Efforts :
The HyWays-IPHE Project

Hydrogen Roadmap Workshop

Under the auspices of the HyWays-IPHE consortium

Project Scope & Objectives

- Compare roadmapping & system analysis activities in Europe & USA (+ other IPHE partners)
- Improve understanding of the ongoing activities (common language, mutual understanding, alignment of international approaches)
- By Comparing
 - Modeling approaches
 - Hydrogen pathway analysis in both regions
 - Basic technical & economic assumptions
 - Infrastructure & transition analysis

Flyer



- Workshops for IPHE partner countries
 - Results and experiences from the EU-US comparison of systems analysis and roadmapping activities
 - Initial contacts in Essen & Moscow
- Series of workshops (Brisbane & Changsha)
 - Engage additional IPHE partner countries in systems analysis & roadmapping approaches so far adopted by the EU & US
 - collect their feedback & suggestions.
- Present the state of exchange between all IPHE partner countries
- Concept to implement further institutional and personal exchanges the under the patronage of IPHE.

Agenda I

Agenda		
Session	Time	Topic
Session I The HyWays IPHE project	10 mins	1. Introduction : Objectives of the workshop - <i>Rei Fernandes</i>
	10 mins	2. Overview of HyWays IPHE Project – <i>Christoph Stiller</i>
	40 mins	3. Results of Comparison of EU and US Roadmapping Activities. – <i>Christoph Stiller and Mark Ruth</i>
Session II Road-mapping activities in IPHE countries	20 mins	1.The Australian Roadmap – <i>Rohan Tepper</i>
	20 mins	2.The New Zealand Roadmap – <i>Anthony Clemens</i>
	20 mins	3.Overview of Roadmapping Activities of some IPHE countries.- <i>Rei Fernandes</i>

Agenda continued		
Session	Time	Topic
Session III Structured Discussion	60 mins	<ol style="list-style-type: none">1. Factors influencing approach to modelling in different IPHE countries.2. Discussion:<ol style="list-style-type: none">a. Different Drivers – main motivation for the roadmapping exerciseb. Different Objectives - main objectives of the roadmapping exercisec. Different Approaches – Highlights of the different methodologies used in the roadmapping exercise<ul style="list-style-type: none">- discuss pros and cons- compare and contrast approaches3. General discussion on:<ol style="list-style-type: none">a. Appropriate Models -b. Recommendations for roadmaps in additional countries, from lessons learned.

Objectives

- **Different Drivers** – main motivation for the roadmapping exercise
- **Different Objectives** - main objectives of the roadmapping exercise
- **Different Approaches** – Highlights of the different methodologies used in the roadmapping exercise
 - discuss pros and cons
 - compare and contrast approaches
- **Appropriate Models**
- **Recommendations for roadmaps in additional countries, from lessons learned**
- **Ideas for further Institutional & personal exchanges under patronage of IPHE**

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<http://www.hyways-iphe.org/>