

TEMPLATE FOR CHARACTERISING ENERGY TECHNOLOGY ROADMAPS

**ENERGY TECHNOLOGY ROADMAPS:
TEMPLATE FOR CHARACTERISATION**

REFERENCE	EU Hydrogen
Title:	Towards a European Hydrogen Energy Roadmap
Date:	June 2004
Author:	HyNet partners
Funded by:	European Commission's Framework Programme 6
Hard copy reference:	
URL:	http://www.hynet.info/publications/doc/HYNET-roadmap_Executive_Report_JUN2004.pdf (unavailable)
Date accessed:	18 th May 2006
Web Format:	pdf
IEA topics covered	V.1.2 Hydrogen storage
Geographical focus:	European Union
Brief Abstract:	The objective is first to develop member state roadmaps. Then these individual roadmaps will be validated by experts from the member states and later synthesised into a common European roadmap. Themes are (i) Hydrogen Production and Infrastructures (ii) Hydrogen End-Use and Storage (iii) Hydrogen Codes, Standards and Regulations (iv) Hydrogen Socio-Economic and Policy Issues (v) Dissemination and Public Outreach.

OUTPUTS	
Short Report?	N
Major report?	Y
Visualisations?	Y
Information held on dedicated software?	N
- which package?	

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ARCHITECTURE	
Timescales used:	Short-term 2010 Medium-term 2015 Long-term 2025
Trends and drivers?	Yes
- list	<ul style="list-style-type: none"> • Developing member-state roadmaps • Future scarcity of hydrocarbon fuels • Reducing greenhouse gas emissions by using a cleaner fuel • Shift of public opinion towards cleaner fuel sources
Enablers?	Yes
- list	European Union through HyNet
Performance measures/targets?	N
- list areas	
Mapping of RD&D activities?	N
Critical assessment of capabilities?	N

PROCESS	
Methods used:	
- Desk study?	N
- Consultation	Y
- Interviews?	Y
- Facilitated workshop(s)	Y
- Working groups/task force	Y
- Integrated Process	
Stakeholders engaged:	
- University based researchers	Y
- Other public sector researchers	Y
- Business – technology	Y
- Business – other	Y
- Government - energy	
- Government – SET	
- Government - other	
- NGOs	N
No of people engaged:	37 participants at the 1 st workshop
Budget (if known):	Not known
Commitment to re-visit?	Y

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ACTIONS IDENTIFIED	
List of actions?	Y
Actions listed according to timescale?	Y
Actions prioritised?	Not specified
Sequencing/dependencies identified?	
Responsibility for actions identified?	
Types of actions identified:	
- Basic research?	N
- list areas	
- Applied research?	N
- list areas	
- Development & demonstration	N
- list areas?	
- Other types of action?	Y
- list other types	Develop member state roadmaps: evaluation of the technical, economic, social and ecological constraints and consequences of hydrogen energy.