



Implementation – Liaison Committee

1 – 3 March 2004, Germany

Country Statements Summary

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- 1st IPHE ILC Meeting, Washington, DC:
 - Perspectives on the committee purpose and scope, meeting objectives, and high priority issues and actions
- Papers contained a wide range of information and varied greatly in level of detail.

Responses fit into three main categories:

- 1) National program activities
- 2) National program activities and IPHE priorities/scope
- 3) IPHE priorities/scope

This summary will cover information provided on IPHE priorities and scope.



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Scope:

- Coordination of basic and pre-competitive R&D to make national programs more effective and efficient
- Facilitate public-private and international partnerships to accelerate the development, diffusion, and commercialization of hydrogen technologies
- Include all areas of hydrogen use: transportation, stationary and portable
- Coordinate with and avoid duplication of other international efforts. i.e. CSLF, IEA, EU Technology Platform, ISO.



Scope, continued:

- Public education/awareness on general technology and safety issues
- Facilitation of information sharing and technology transfers
 - Roadmaps, experiences, studies and demonstration projects



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IPHE Priorities – Production:

- Efficient electrolysis
- Renewables
- High Temperature Nuclear
- Bio-production
- Photoelectrochemical / Photobiological
- Small scale devices/reformers



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IPHE Priorities – Storage:

- Carbon nanotubes
- High pressure gas
- Liquid hydrogen
- Metal hydrides



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- IPHE Priorities – Fuel Cells:
- Stationary, mobile and portable applications
- PEMFC, SOFC, DMFC, MCFC
- Membrane and catalyst materials



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IPHE Priorities – Safety Codes and Standards:

- Help coordinate work of, and make recommendations to, existing standards organizations



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IPHE Priorities – Socio-economic Issues:

- Studies on the acceptability and impacts of the future hydrogen economy on society and the ecology



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Recommendation:

Revisit statements and include:

- National activities/goals
- IPHE priorities and scope

Questions/Comments?