

**International Partnership for a Hydrogen Economy
Implementation and Liaison Committee Meeting
Rio Di Janeiro, Brazil**

Integrated IPHE Roadmap for Hydrogen and Fuel Cells

IPHE Executive Secretariat

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Basis for Action



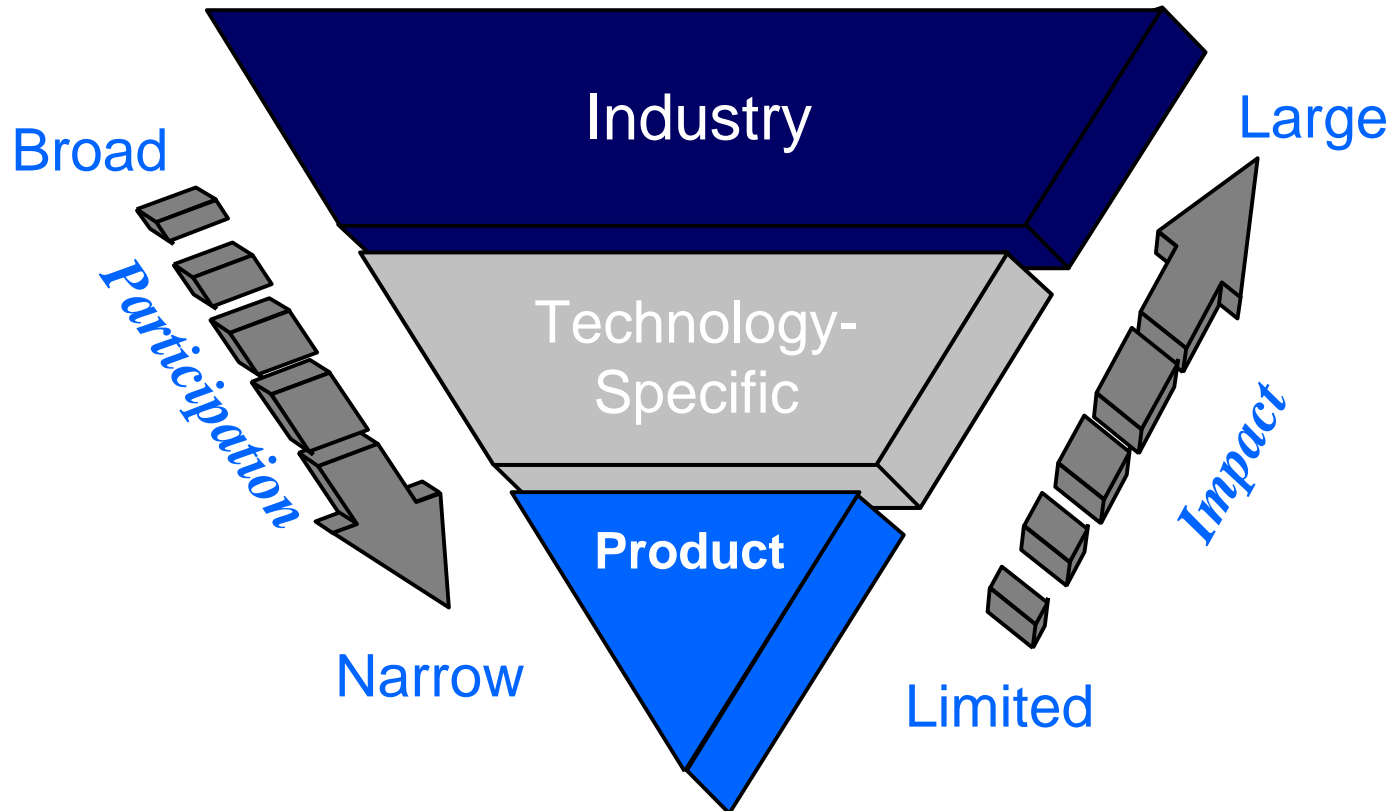
- **Terms of Reference**
 - **Beijing Action Plan**
 - **IPHE Vision for a Global Hydrogen Economy**
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Purposes of the Roadmap

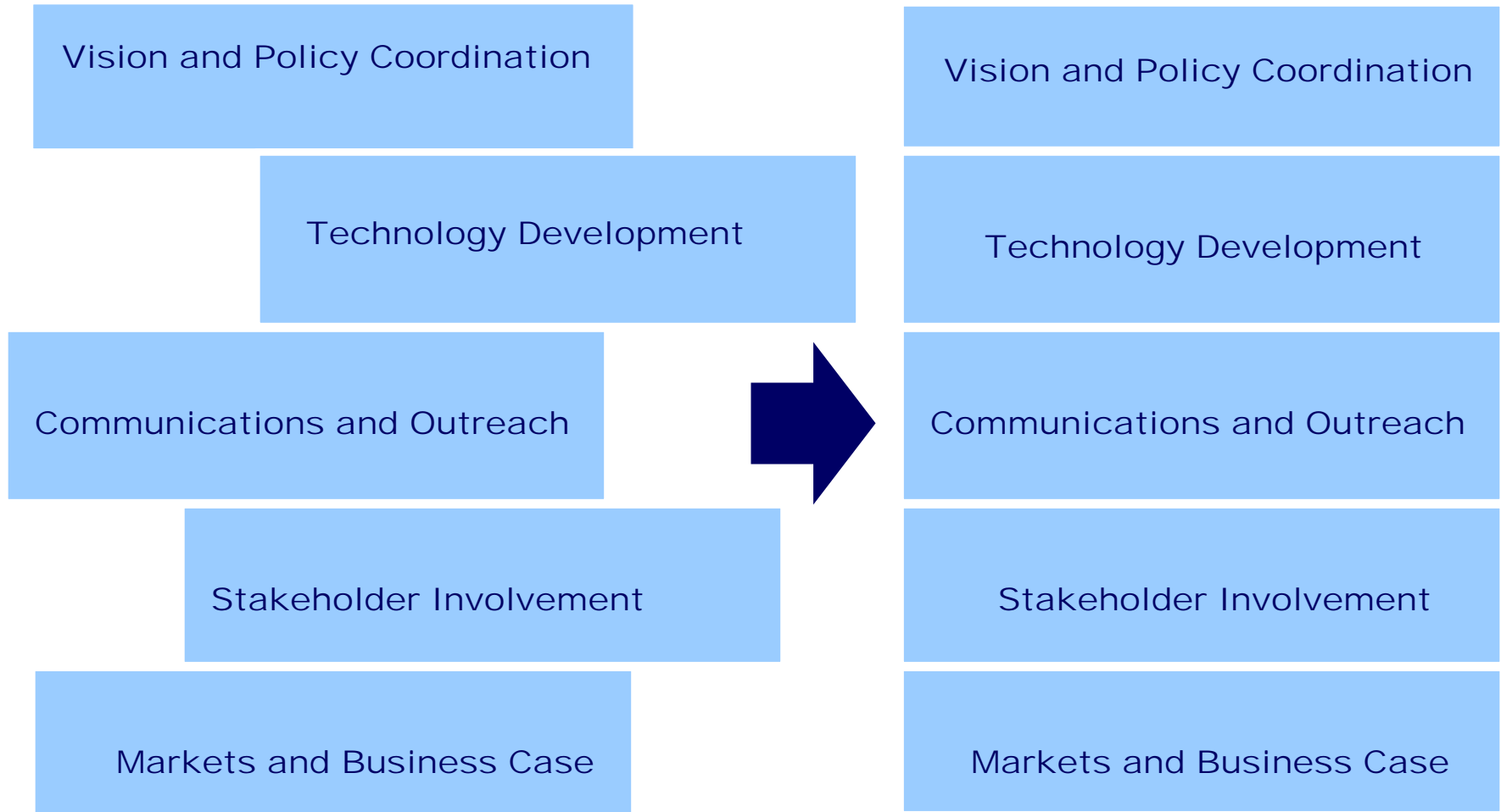


- **Organizing framework to identify linkages**
 - **Identifying gaps and priority areas**
 - **Identifying additional bridging activities**
 - **A document to:**
 - **Engage stakeholders**
 - **Inform policy makers**
 - **Stimulating interest/confidence in IPHE**
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Types of Technology Roadmaps



Integrated Roadmap – A Tool for Aligning Resources



Preliminary Concept

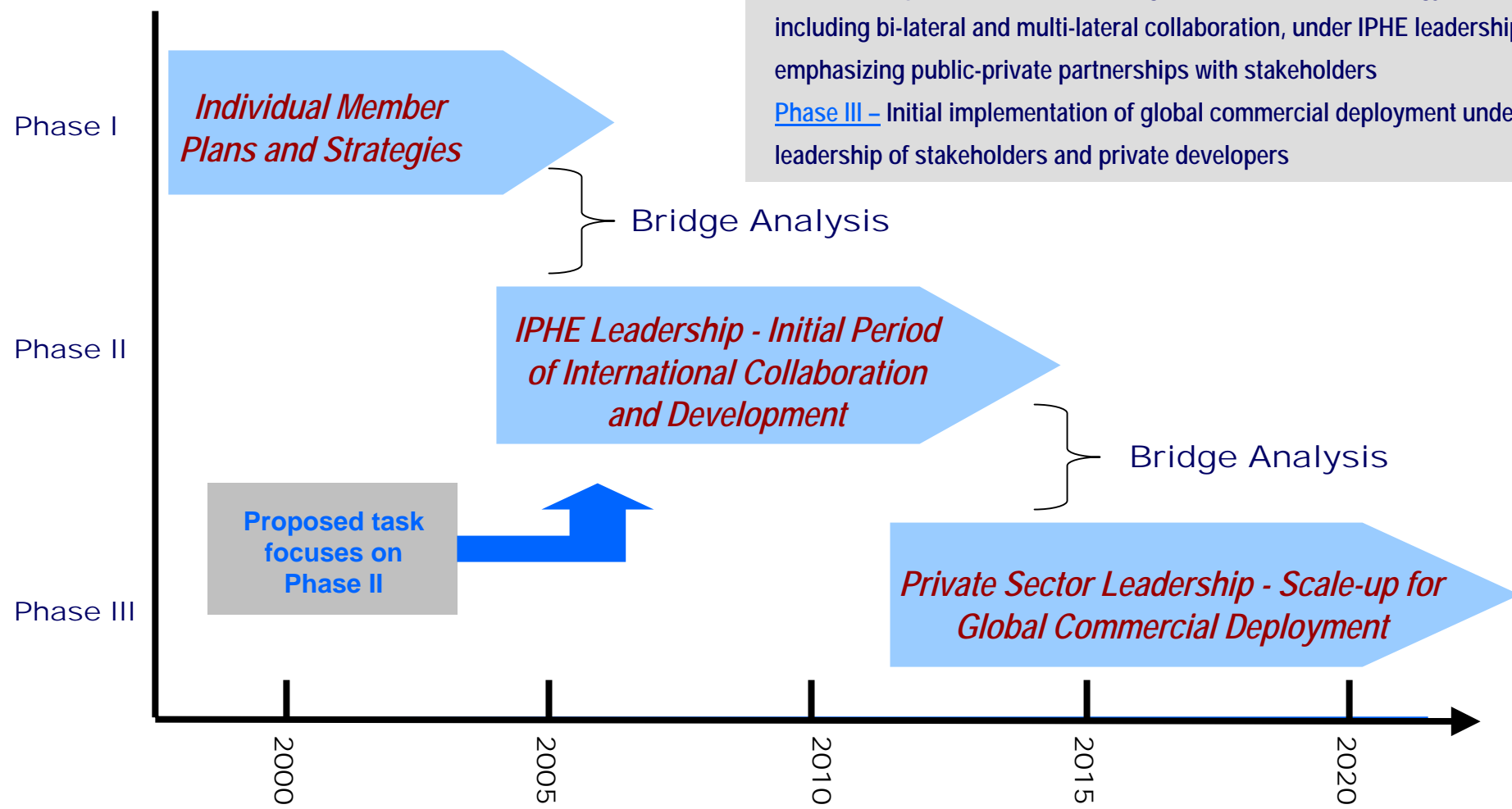


Integrated Roadmap for Achieving the IPHE Vision of a Global Hydrogen Economy

Phase I – Visioning, Roadmapping, Planning, and RD&D by individual countries and establishment of the IPHE.

Phase II – Implementation of an integrated, international strategy, including bi-lateral and multi-lateral collaboration, under IPHE leadership emphasizing public-private partnerships with stakeholders

Phase III – Initial implementation of global commercial deployment under leadership of stakeholders and private developers



The Roadmapping Process

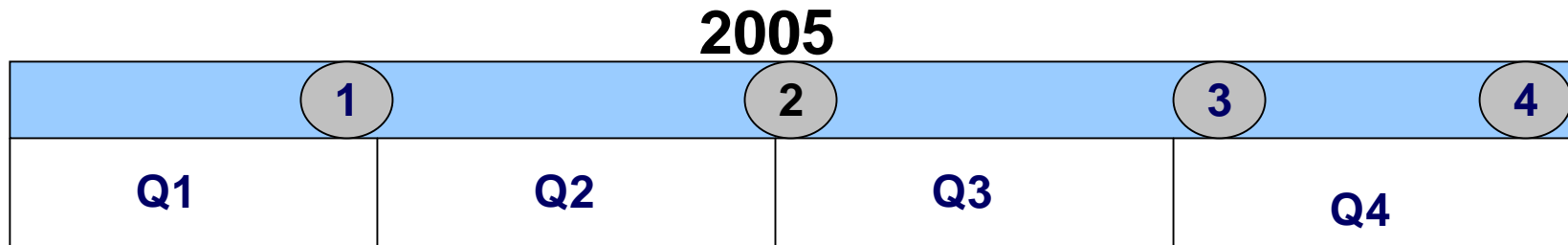


Information Sources



- **Visions, Roadmaps, other strategies of members**
 - **IPHE Atlas of Hydrogen and Fuel Cell Demonstration Projects**
 - **IPHE Scoping Papers – hydrogen and fuel cell technologies**
 - **IPHE Technology Conferences**
 - **Questionnaire responses from members**
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Schedule and Deliverables



- 1 Scoping Paper presented March 22, 2005**
 - 2 Bridge Analysis Document July 2005**
 - 3 Roadmap Workshop October 2005, Report 3 weeks later.**
 - 4 Draft Roadmap Document December 2005**
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