International Low-Carbon Energy Technology Platform

From Roadmaps to Implementation

Experts' Group on R&D Priority Setting
2 & 3 November 2009

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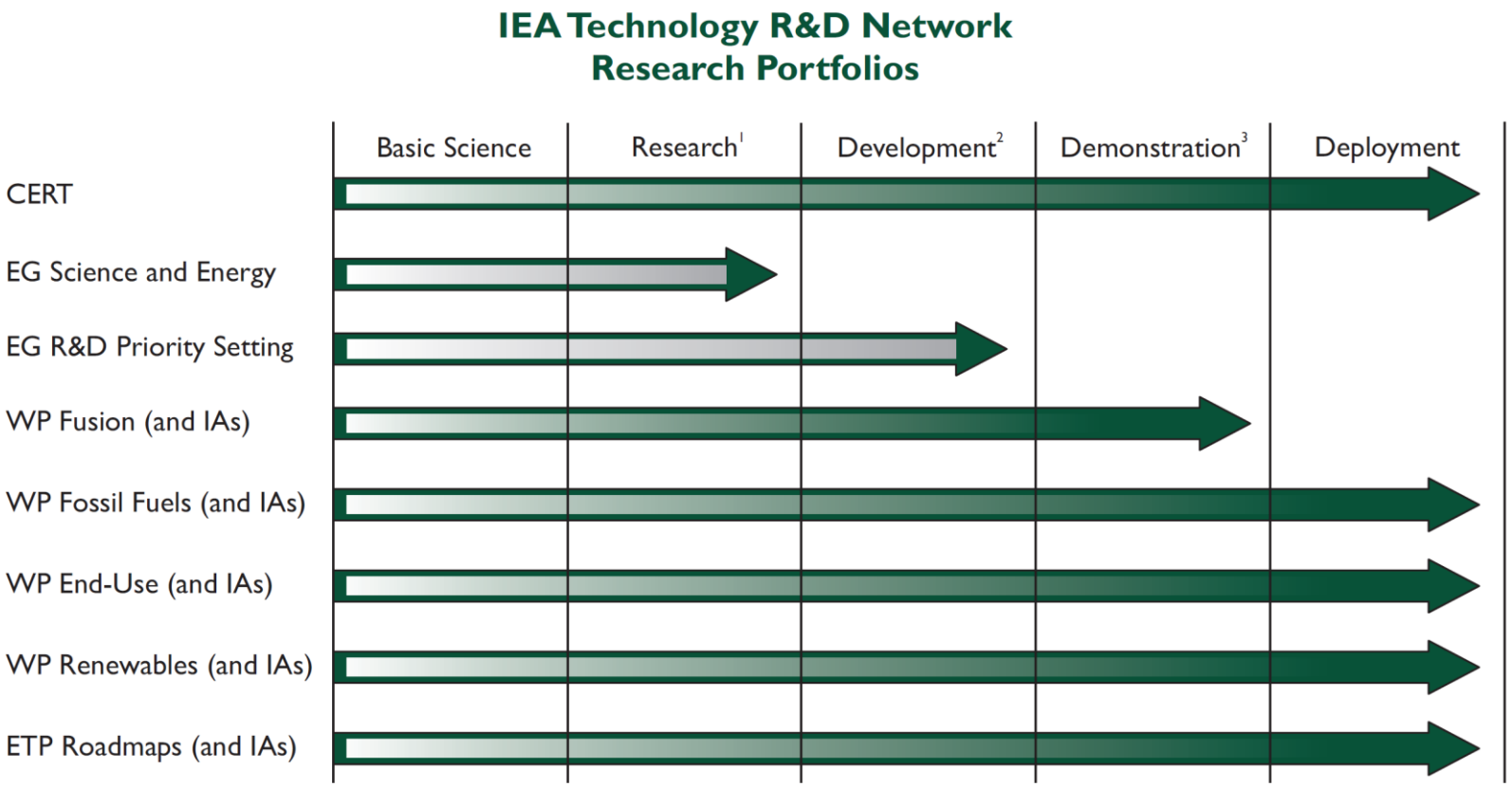
Deputy Executive Director

Background

- Pressing need to develop and deploy innovative low carbon technologies
- IEA paper "*Toward an International Strategy for Accelerating the Spread of Clean Energy Technology*" presented to G8 Energy Ministers
- Ideas welcomed and G8 Leaders invite the IEA to further define its proposals
- IEA Ministerial Meeting requests the Secretariat to take forward the platform proposals

Relevant Existing IEA Activities



1. Includes modeling and technology assessment.

2. Includes research, advice and support of demonstration of the particular technology.

3. Includes market introduction and technology transfer.

Overall Aims

- Provide a forum (or fora) where experts, policymakers and business can discuss how best to design policies to encourage the transition of their countries' energy systems to the most appropriate combination of emerging technologies.

- Help countries design and implement strategic energy technology development and deployment plans appropriate for them, drawing on the experiences and support of others.

Proposed Approach

- Create synergies between existing activities (e.g. IEA, MEF, APP work); avoid the creation of bureaucracies
- First year: gauge interest; define goals and work programme for Platform
  - Expert meeting in Q2
  - DG-level meeting in Q3
- IEA to work with other international organisations in these preparations

Timeline

Copenhagen, December 2009

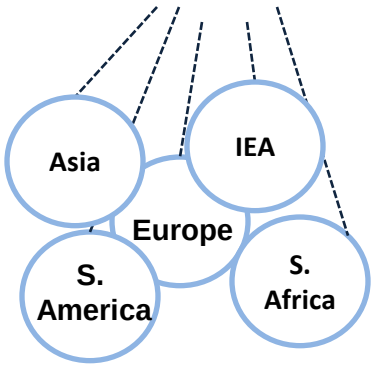
Experts Group Meeting

(Planning & Presentation Work)

Senior Officials Meeting

(Decision Meeting)

Regional Workshops



Q2 2010 → **Q3 2010**

Proposed Participation

- IEA Member countries, EC and IEA technology network;
- Brazil, China, India, Indonesia, Mexico, Russia and South Africa, perhaps others;
- international organisations with an interest in low-carbon energy technologies
- representatives from business

Key Technologies

- energy efficiency in buildings and industry
- wind
- solar
- biofuels
- advanced vehicles
- high-efficiency coal-plant
- carbon capture and storage
- electrical grids
- nuclear power

Possible Outcomes

- country-level analyses of technologies
- sharing best policy practice to accelerate RD&D
- national roadmaps and technology strategies
- capacity building in developing countries
- addressing barriers to technology development, transfer and deployment
- matching technology with finance
- setting up advisory groups

International Energy Agency

Thank You

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