



## **IPHE Steering Committee**

### **Collaborative Projects and Events Under the IPHE**

#### **Working Principles**

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# **International Partnership for the Hydrogen Economy (IPHE)**

## **Collaborative Projects and Events Under the IPHE**

### **Working Principles**

The International Partnership for the Hydrogen Economy (IPHE) Terms of Reference signed on November 20<sup>th</sup>, 2003 proposed that collaborative research & development and demonstration (R,D&D) and related activities could occur under the IPHE. One of the key goals of such activities is to foster strong public-private partnerships.

The IPHE topical scoping papers will identify high priority hydrogen and fuel cell technology research areas. Implementation-Liaison Committee members will be able to draw on the scoping papers to identify areas of common interest that are in accord with their own roadmaps<sup>1</sup> for a hydrogen economy.

This document describes the principles that allow collaborative hydrogen and fuel cell R,D&D projects and international events, such as conferences and workshops, to be labeled as official IPHE activities.

### **I. Working Principles**

#### **A. Collaborative Projects Under the IPHE**

The IPHE Members have joined together voluntarily with the aim of furthering the hydrogen economy. Affirming the spirit embodied in the IPHE Terms of Reference, collaborative projects under the IPHE will meet the following principles:

1. The proposed project is supported by public and/or private entities (project partners) working within more than one IPHE Member country;
2. The IPHE is not a funding organization so any project funding options are available to the partners. Some examples include:
  - a. each IPHE member funds its own project partner(s) for their participation in the project, at the level estimated as appropriate by all the partners;
  - b. some IPHE members fund partner(s) from other members; and/or
  - c. development of a common fund, managed by one partner and supplied by all interested partners, that will contribute toward analysis and other project support activities;
3. The project is consistent with the IPHE Terms of Reference;
4. National environmental, safety, and health concerns are adequately addressed;
5. Project partners are willing to share non-proprietary project information with other IPHE Members;
6. Visits to the project site are allowed for representatives of IPHE Members;

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<sup>1</sup> Individual roadmaps may differ in their focus depending upon the member country's circumstances.

7. The expected information from the project will be sufficient to allow others to make improved estimates of the technology's potential technical performance, costs, and benefits for any future applications;
8. The project must be started and major milestones reported prior to expiration of the IPHE Terms of Reference (currently November 20, 2013);
9. Upon endorsement of the project by the Steering Committee, a written agreement will be created and signed on behalf of the participants in the project; and
10. English summaries will be made available to the IPHE Secretariat for placement on the IPHE web site.

## B. Events Under the IPHE

Affirming the spirit embodied in the IPHE Terms of Reference, international events under the IPHE will meet the following principles:

1. The proposed event is organized by public and/or private entities (event partners) from more than one IPHE Member country;
2. The event is consistent with goals and purposes of the IPHE as stated in the IPHE Terms of Reference;
3. The event is designed to address an international audience;
4. The event sponsors must provide event products, results, and/or summaries in English to the IPHE Secretariat for placement on the IPHE website;
5. The event must occur and major products and results reported prior to expiration of IPHE Terms of Reference (currently November 20, 2013); and
6. Upon endorsement of the event by the Implementation-Liaison Committee, a written agreement will be created and signed on behalf of the event sponsors.

## II. Procedures

### A. IPHE Collaborative Projects

1. On behalf of the project partners, the coordinator of a collaborative R,D&D initiative ("project") submits a proposal to the IPHE Secretariat that meets the above working principles;
2. The Secretariat will verify each proposed project and pass it to the Implementation-Liaison Committee for review and assessment;
3. The Implementation-Liaison Committee examines the project and validates its relevance with respect to the IPHE framework and its compliance with the above working principles, taking into consideration, if applicable, its conformity with recommended priority topics. The presence of the project coordinator can be requested to provide further information;
4. If agreement on the relevance of the project is reached by the Implementation-Liaison Committee, the project will be submitted to the Steering Committee for endorsement;
5. Once the project is endorsed by the Steering Committee, the project sponsors will sign the "IPHE Project Recognition Agreement". [See Attachment]

6. The project will be monitored by the Implementation-Liaison Committee, which will regularly report to the Steering Committee on the progress of the project.

#### B. IPHE Events

1. On behalf of the event sponsors, the event coordinator(s) of an international hydrogen-related event ("event") submits an event proposal to the IPHE Secretariat that meets the above working principles;
2. The Secretariat will verify each proposed event and pass it to the Implementation-Liaison Committee for review and assessment;
3. The Implementation-Liaison Committee examines the event and validates its relevance with respect to the IPHE framework and its compliance with the above working principles, taking into consideration, if applicable, its conformity with recommended priority topics. The presence of the event coordinator can be requested to provide further information;
4. If agreement on the relevance of the event is reached by the Implementation-Liaison Committee, the event will be submitted to the Steering Committee for endorsement;
5. Once the event is endorsed by the Implementation-Liaison Committee, the event sponsors will sign the "IPHE Event Recognition Agreement". [See Attachment]
  - i. If necessary, the Steering Committee may decide to approve events without prior review by the Implementation – Liaison Committee.
6. The event will be monitored by the Implementation-Liaison Committee, which regularly reports to the Steering Committee on the progress of the event.

### III. Conclusions

The advantages of the above working principles are numerous:

- they set IPHE apart from other international initiatives, for example at the European level, by providing supplementary financial muscles to pursue its goals;
- they adopt a flexible approach that encourages international collaboration on topics of mutual interest;
- they provide a mechanism for more efficiently using public and private resources in the achievement of the IPHE goals;
- by creating "IHE branded" activities may help to attract additional private and public sector funding for those activities;
- they implement a bottom-up approach that does not require members to agree on a common, global IPHE "work program" (only a general framework), and which is therefore readily applicable to a range of topics;
- the results of the collaborative R&D will automatically entail some degree of standardization since they will be readily applicable in a number of IPHE members.

- such a procedure is very similar to the “IEA Framework for International Energy Technology Co-operation (Implementing Agreements)”. The IEA has offered to use this Framework if IPHE shows interest to work within a common framework, inspired from the fully elaborated present procedures of the IEA Implementing Agreements.

## IPHE PROJECT RECOGNITION AGREEMENT

The International Partnership for the Hydrogen Economy hereby endorses the INSERT NAME OF PROJECT as an international cooperative effort that is in accord with the objectives of the IPHE.

The INSERT NAME OF PROJECT is located in INSERT LOCATION OF PROJECT and will INSERT OBJECTIVE OF PROJECT.

In compliance with the working principles for an IPHE Project, INSERT NAME OF LEAD PROJECT PARTNER AND OTHER PROJECT PARTNERS are the IPHE nominators and agree, subject to operational considerations on behalf of project coordinator, to permit site visits by IPHE members, share non-proprietary project information with IPHE members, and make project summaries available for the IPHE website.

The following signatures attest to this certification:

\_\_\_\_\_  
Lead Project Coordinator

\_\_\_\_\_  
Other Partner(s)

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

The International Partnership for the Hydrogen Economy serves as a mechanism to organize and implement effective, efficient, and focused international research, development, demonstration and commercial utilization activities related to hydrogen and fuel cell technologies. It also provides a forum for advancing policies, and common codes and standards that can accelerate the cost-effective transition to a global hydrogen economy to enhance energy security and environmental protection.

## IPHE EVENT RECOGNITION AGREEMENT

The International Partnership for the Hydrogen Economy hereby endorses the INSERT NAME OF EVENT as an international effort to facilitate the transfer of knowledge and information that is in accord with the objectives of the IPHE.

The INSERT NAME OF EVENT is located in INSERT LOCATION OF EVENT and will INSERT OBJECTIVE OF EVENT.

In compliance with the working principles for an IPHE Event, INSERT NAME OF LEAD EVENT SPONSOR AND OTHER EVENT PARTNERS are the IPHE event nominators and agree, subject to operational considerations, to submit event products, results, and summaries to the IPHE Secretariat for posting on the IPHE website.

The following signatures attest to this certification:

\_\_\_\_\_  
Lead Event Coordinator

\_\_\_\_\_  
Other Partner(s)

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

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