



**International Partnership
for the Hydrogen Economy**

Annual Awards Program

**IPHE Excellence in Leadership Award
IPHE Technical Achievement Award**

Submissions Due: December 2009

**IPHE Secretariat
International Partnership for the Hydrogen Economy
Email: Secretariat@iphe.net**



INTERNATIONAL PARTNERSHIP FOR THE HYDROGEN ECONOMY

I. Overview

The International Partnership for the Hydrogen Economy (IPHE) Annual Awards Program was successfully launched in 2006 to recognize and honor noteworthy contributions and achievements that fulfill the objectives of the IPHE. The awards program provides a global platform to promote the potential benefits and environmentally friendly uses of hydrogen to policymakers and the general public.

Previous recipients included individuals and organizations from government, the private sector and non-government organizations that have played a major role in advancing new hydrogen technologies. The awards were presented during the World Energy Congress which was held November 11-15, 2007 in Rome France.

Previous award recipients are listed below. Detailed information on each of the recipients can be found in the 2007 IPHE Awards Brochure posted on the IPHE website at www.iphe.net/ipheawards2007.pdf.

IPHE Lifetime Achievement Award

- His Excellency Geir H. Haarde, Prime Minister of Iceland

Excellence in Leadership Award:

- Mr. Jing Xu: Deputy Director General, Department of High and New Technology Development and Industrialization, Ministry of Science and Technology of China

Technical Achievement Awards:

- Dr. Masahiro Watanabe, Director of the Clean Energy Research Center (CERC), University of Yamanashi
- British Columbia Hydrogen Highwaytm

II. Excellence in Leadership and Technical Achievement Awards

The IPHE will again present the following two awards in 2008: The **IPHE Excellence in Leadership Award** and the **IPHE Technical Achievement Award**.

The **IPHE Excellence in Leadership Award** recognizes an individual or organization from government, the private sector or non-government organization that has demonstrated outstanding achievement in the promotion of the global hydrogen economy.



INTERNATIONAL PARTNERSHIP FOR THE HYDROGEN ECONOMY

Examples of achievements leading to nominations for this award include, but are not limited to:

- The production of a special documentary designed for the general public promoting the potential benefits and environmentally friendly uses of hydrogen;
- The creation of a foundation to foster hydrogen research;
- The authoring of key legislation enabling the transition to the hydrogen economy; and
- The creation of an institute or university department dedicated to hydrogen.

The IPHE Technical Achievement Award recognizes technical achievement by an individual, organization, or international project that has significantly promoted the international hydrogen economy to policymakers and the general public. Technical achievements must be in one or more of the following areas:

- Hydrogen Production
- Hydrogen Storage
- Fuel Cells
- Hydrogen Regulations, Codes and Standards
- Socioeconomics of Hydrogen
- Hydrogen Education

Examples of technical achievements leading to nominations for this award include, but are not limited to:

- Development of a hydrogen fueled automobile with high mileage, high reliability, low cost, low maintenance, easy to drive and easy to refuel;
- Development of a new photo-bio or photochemical process that enables hydrogen to be produced from water at ambient temperatures from solar energy;
- A demonstration project of a university, village or shopping center powered entirely from hydrogen;
- A demonstration project enabling large scale production of hydrogen from wind power;
- A “FutureGen” type program already in operation or under construction;
- A new hydrogen storage system with a high potential for future development;
- A new turbine designed for pure hydrogen;
- Development of a conversion process to convert hydrogen from coal; and
- An existing educational program on hydrogen at a university or college.

III. Award Selection:

Award recipients will be judged by members of the IPHE Awards Sub-Committee. Finalists will be presented to the IPHE Steering Committee early 2010, with the selection of nominees and the awards ceremony expected to take place in at the World Hydrogen Energy Conference in Essen, Germany in 2010.



INTERNATIONAL PARTNERSHIP FOR THE HYDROGEN ECONOMY

Nominations will be evaluated based upon the following criteria:

1. IPHE Excellence in Leadership Award

- The degree to which the awardee has accelerated public awareness of the potential benefits of the hydrogen economy
- The extent of international collaboration (at least 2 countries required)
- The extent to which the awardee has fostered public/private cooperation in the hydrogen economy
- The degree to which the awardee highlights the environmentally friendly aspects of hydrogen
- The extent to which the awardee has leveraged resources in the promotion of the hydrogen economy
- The extent to which the awardee has addressed the 4 IPHE Strategic Priorities

2. IPHE Technical Achievement Award

- The degree to which the awardee has developed technologies that have accelerated the transition to the hydrogen economy
- The extent of international collaboration (at least 2 countries required)
- The degree to which the awardee has developed technologies that highlight the environmentally friendly aspects of hydrogen
- The degree to which the awardee has developed technologies that advance the public awareness of the potential safe uses of hydrogen
- The extent to which the awardee has leveraged resources in the promotion of the hydrogen economy
- The extent to which the awardee has addressed the 4 IPHE Strategic Priorities

*ALL NOMINATIONS MUST BE SUBMITTED VIA AN IPHE ILC MEMBER.



IPHE Excellence in Leadership Award Nomination Form

Instructions:

Please complete this form and submit via Email to the IPHE Secretariat at Secretariat@iphe.net no later than **December 31st, 2009**. Please feel free to utilize additional pages, if necessary, and to attach any other supporting documentation.

1. Contact information of person submitting the nomination:

Name: _____

Title: _____

Country: _____

Address: _____

Telephone: _____ Fax: _____

Email: _____

Website (if any): _____

2. Contact information of award nominee:

Name: _____

Title: _____

Country: _____

Address: _____

Telephone: _____ Fax: _____

Email: _____

Website (if any): _____

3. Overview of individual, organization, or research project

8. How has the nominee highlighted the environmentally friendly aspects of hydrogen?

9. How has the nominee leveraged resources in the promotion of the hydrogen economy?

10. Other comments?



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**IPHE Secretariat Office
c/o Office of Energy Research and Development (OERD)
Natural Resources Canada
580 Booth Street, 14th Floor
Ottawa, Ontario K1A 0E4**

Email: secretariat@iphe.net



IPHE Technical Achievement Award Nomination Form

Instructions:

Please complete this form and submit via Email to the IPHE Secretariat at Secretariat@iphe.net no later than December 31st, 2009. Please feel free to utilize additional pages, if necessary, and to attach any other supporting documentation.

1. Contact information of person submitting the nomination:

Name: _____

Title: _____

Country: _____

Address: _____

Telephone: _____ Fax: _____

Email: _____

Website (if any): _____

2. Contact information of award nominee:

Name: _____

Title: _____

Country: _____

Address: _____

Telephone: _____ Fax: _____

Email: _____

Website (if any): _____

3. Overview of individual, organization, or research project

4. Summary of the contribution to the advancement of the hydrogen economy.

5. Description and listing of International Collaboration / Partners / Research Associates

6. Has the nominee developed technologies that have accelerated the transition to the hydrogen economy? If yes, please describe:

7. Has the nominee developed technologies that have highlighted the environmentally friendly aspects of hydrogen? If yes, please describe:

8. Has the nominee developed technologies that have advanced the public awareness of the potential safe uses of hydrogen? If yes, please describe:

9. How has the nominee leveraged resources in the promotion of the hydrogen economy?

10. Other comments?



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