



**International Partnership
for Hydrogen and Fuel Cells
in the Economy**

MEETING AGENDA

15th IPHE Steering Committee (SC) Meeting

**May 13-14, 2011
Vancouver, Canada**

Fairmont Waterfront Hotel

Meeting Room:
The Mackenzie Ballroom, Concourse Level

Draft

Friday, May 13, 2011 – Day 1 15th IPHE SC Meeting

Registration		
08.30	Registration	
<ul style="list-style-type: none"> ➤ <i>All IPHE delegates are invited to register before the beginning of the meeting. IPHE representatives are invited to attend <u>all</u> sessions of the 15th IPHE SC meeting.</i> ➤ <i>Fairmont Waterfront Hotel, room: The Mackenzie Ballroom</i> 		
1. SC Welcome		
09.00	<ul style="list-style-type: none"> 1.1 Welcome by the host and chair <ul style="list-style-type: none"> 1.1.1 Welcome and Introductions 1.1.2 New Delegates and Observers 1.2 Adoption of the Meeting Agenda and Objectives 1.3 Adoption of the Minutes from the 14th Joint Meeting in Essen 	
<ul style="list-style-type: none"> ➤ <i>Welcome by the host country</i> ➤ <i>Welcome and introduction by the chair – setting the frame for the meeting</i> ➤ <i><u>Objectives:</u> To set the frame for the meeting.</i> 		
2. SC Business Overview and Update		
09.20	2.1 Overview from 14th IPHE SC Meeting in Shanghai, China including Action Items and Decisions	<i>Minutes 14th IPHE Meeting</i>
<ul style="list-style-type: none"> ➤ <i>The status of Action Items and Decisions will be reviewed</i> ➤ <i><u>Objectives:</u> To examine the current status of IPHE activities.</i> 		
09.40	2.2 IPHE Secretariat Update	
<ul style="list-style-type: none"> ➤ <i>IPHE Secretariat to provide an update of recent activities</i> 		
3. Countries Updates		
09.45	3.1 Member Country Updates	

	3.1.1 Italy 3.1.2 Japan 3.1.3 China	<i>Presentations will be circulated and posted to the IPHE website after the meeting</i>
10.20	<i>Coffee/Tea Break</i>	
10.40	3.1.4 U.S. 3.1.5 Norway 3.1.6 Germany 3.1.7 France 3.1.8 Iceland 3.1.9. Republic of South Africa 3.1.10 Korea 3.1.11 India	
<ul style="list-style-type: none"> ➤ <i>Member countries will present an update on their Hydrogen and Fuel Cell technology related activities.(max. 10 min each)</i> ➤ <i>The following countries presented at the last meeting: Australia, Brazil, Canada, EC, New Zealand, Russian Federation, United Kingdom</i> 		
12.00	<i>Lunch Break</i>	
4. Exchange of Knowledge		
13.00	4.1 Interactive Roundtable Discussion on End Use - H2FCs from a Commercial Perspective	
<ul style="list-style-type: none"> ➤ <i>Presenters: Manuel Achadinha, President and Chief Executive Officer, BC Transit and Virginia Garbutt, Director Strategic Network Planning and Improvement, Walmart Canada Corp.</i> ➤ <i>Objective: Interactive discussion with leading organizations who have recently integrated fuel cell technology into their operations (e.g. Urban Transit Buses, Materials Handling, Telecom back up). The purpose of the discussions would be to gain insights into the motivations for adopting the technology, views on future rollout including key success factors, and additional detail on performance characteristics.</i> 		
14.30	<i>Coffee/Tea Break</i>	
14.50	4.2 Presentation of CHIC Project	http://chic-project.eu/
<ul style="list-style-type: none"> ➤ <i>Presentation by Gregg Singer, Director of Alternate Fuel Technology, BC Transit (15-20min presentation + time for discussion)</i> 		
5. IPHE Business and Actions		
15.20	5.1 Work Plans and Activities of Standing Working Groups	

	5.1.1 Education Working Group 5.1.2 RCS Working Group	
	<ul style="list-style-type: none"> ➤ <i>The Education WG and Regulation, Codes & Standards WG will present an update on activities and their project “Virtual University”; the topic “IPHE Student Competition” also needs to be discussed</i> ➤ <i>The Regulation, Codes & Standards WG will present an update on activities and provide a state of the art report of the RCS field</i> 	
16.00	5.2 Workshops – Review and Future Topics	<i>Reports from: (1) International Hydrogen Fuel Cell Technology and Vehicle Development Forum, Shanghai; (2) Workshop on Stationary Fuel Cells, Tokyo</i>
	5.2.1 Stationary Fuel Cells, Japan 5.2.2 Workshop on Hydrogen as a Storage Medium for Renewable Energies	
	<ul style="list-style-type: none"> ➤ <i>Presentation on IPHE Workshop “Stationary Fuel Cells”</i> ➤ <i>Short presentation (Paul Lucchese) followed by a discussion on the proposed workshop on Hydrogen as a Storage Medium for Renewable Energies</i> 	
16.45	5.3 IPHE Endorsement of the JRC-IE Workshop on degradation issues in FC	<i>The workshop agenda is included in the binder</i>
	<ul style="list-style-type: none"> ➤ <i>The JRC-IE is seeking IPHE endorsement of its workshop on degradation issues</i> 	
6. Preparation of IPHE Roundtable – Stakeholders & SC Meeting		
16.50	6.1 Update and Overview of Preparation of the IPHE Roundtable - Stakeholder & SC Meeting	<i>Proposal Paper: Roundtable “IPHE – Hydrogen and Fuel Cells Stakeholders”</i>
	<ul style="list-style-type: none"> ➤ <i>Presentation by France - Preparation Task Force will explain the proposal paper and report on the process and the current status of preparation process</i> ➤ <i>Outlining the Structure of the proposed meeting and getting IPHE’s first feedback</i> ➤ <i>Clarification of the proposal – posting questions to the Task Force</i> ➤ <i>General IPHE approval of the event, its host, place and date</i> ➤ <i><u>Objectives:</u> Informing members of the preparation status and giving an overall picture; preparing the next day’s discussion and confirming the event in general</i> 	
18.00	Adjourn Day 1	
18.30 – 19:30	Evening Reception	

Saturday, May 14, 2011 – Day 2 15th IPHE SC Meeting

09.00	Welcome by the Chair and Introduction	
7. External Presentations on Hydrogen and Fuel Cell Deployment		
09.05	7.1 IEA-HIA Task 30 Overview	
<ul style="list-style-type: none"> ➤ <i>Presentation of a general IEA-HIA Task 30 overview (Susan Schoenung)</i> <ul style="list-style-type: none"> - <i>Perform comprehensive technical and market analysis of H2FC technologies and resources, supply and demand related to the carbon world with sustainable and projected use of hydrogen in a low including intermittent energy source.</i> - <i>Prepare systems analysis about hydrogen sources and utilizations, and</i> - <i>Update H2 technology data, maturity and projections.</i> 		
09.20	7.2 DOE Resource Analysis Overview	
<ul style="list-style-type: none"> ➤ <i>DOE presentation on a Resource Analysis Project, which is also contributing to Sub-Task A of IEA-HIA Task 30 (Jay Keller)</i> <ul style="list-style-type: none"> - <i>Sub-Task A of IEA-HIA Task 30 is a hydrogen resource study that will involve a detailed analysis of the global supply and demand with emphasis on cost impacts and trade implications. The project will also develop new data and cost projections for primary energy and further raw materials, conversion technologies and their potentials.</i> 		
09.35	7.3 IEA-HIA Task 30 Sub-Task A Collaboration	
<ul style="list-style-type: none"> ➤ <i>Presentation by an HIA member (Paul Lucchese tbc.) to discuss the possibility of adding another Annex to the IPHE-HIA MOU to collaborate on Sub-Task A</i> <i>Note: HIA needs to approve this proposed Annex, so the anticipated outcome of this presentation and discussion is an IPHE SC agreement to this concept and approval to grant authority to the IPHE Secretariat to finalize the Annex language through discussions with the HIA Secretariat.</i> 		
09.50	7.4 Proposal on a Policy Incentives Paper to support IPHE's Strategic Priority 3	<i>Overview of a Proposed IPHE Policy Paper</i>
<ul style="list-style-type: none"> ➤ <i>Presentation (Mike Mills) and short discussion on having a paper that summarizes the existing H2 and FC policies to promote increased use of the technologies</i> 		
8. Preparation of the Roundtable “IPHE – Hydrogen and Fuel Cells Stakeholders”		
10.05	8.1 Clearing the Speakers/Representatives Set Up	
<ul style="list-style-type: none"> ➤ <i>Roundtable of statements to the proposal by each member country</i> ➤ <i>Reviewing member's comments and input to the proposal</i> ➤ <i>Discussing speakers and representatives according to the suggestions that were required up front and incorporating further nominations</i> 		

10.45	<i>Coffee/Tea Break</i>	
11.05	8.2 Further Organization and Content Preparation	
<ul style="list-style-type: none"> ➤ <i>Discussing the practical organization, content and intended outcomes</i> ➤ <i>Evaluation of members involvement and adjusting the tasks for IPHE members</i> ➤ <i>Short outlook regarding the next SC meeting as it will be held in conjunction with the Stakeholders Meeting</i> 		
9. Future of IPHE		
11.45	9.1 Discussing IPHE's future work and perspectives	
<ul style="list-style-type: none"> ➤ <i>Set the course for IPHE's future and work</i> <ul style="list-style-type: none"> - <i>Intended outcome of the roundtable</i> - <i>Preparation towards IPHE in 2012</i> - <i>Discussion on IPHE's second term and a future work plan</i> ➤ <i>Discussing options of interlinking IPHE with other organizations</i> 		
13.00	<i>Lunch</i>	
14.00	9.2 Summarizing the discussion on IPHE's future including the results of discussing the roundtable, fall 2011	
<ul style="list-style-type: none"> ➤ <i>Summarizing the results of the discussion</i> ➤ <i>Confirmation and all member states agreement about next steps and tasks</i> 		
10. IPHE Organization		
14.45	10.1 IPHE Vice Chairs	
<ul style="list-style-type: none"> ➤ <i>Discussion on IPHE Vice Chairs and how to fill this position as currently there are no acting Vice Chairs</i> 		
15.00	10.2 Next IPHE Chairmanship	
<ul style="list-style-type: none"> ➤ <i>Discussion on IPHE's next Chairmanship</i> ➤ <i>Germany offers to serve as a chair for another year</i> 		
15.10	<i>Coffee/Tea Break</i>	
15.30	10.3 Application for IPHE membership of the Islamic Republic of Iran	<i>Application of the Islamic Republic of Iran</i>
<ul style="list-style-type: none"> ➤ <i>Review of application and handed in Documents</i> ➤ <i>Discussion of the application</i> ➤ <i>Vote!</i> 		
11. Wrap up Action Items and Decisions		
16.00	Wrap up Action Items, decisions and next steps	
17.30	Adjourn	

*All meetings will take place at the Fairmont Waterfront Hotel:

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