



**International Partnership  
for the Hydrogen Economy**

## **MEETING AGENDA**

**8<sup>th</sup> Implementation–Liaison Committee Meeting**

11 – 14 June 2007

Seoul, the Republic of Korea

### **Meeting Theme**

**Fuel Cell Systems for Transportation: Current Costs  
and Near-Term Challenges**

**FINAL DRAFT**

The Renaissance Seoul Hotel  
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# International Partnership for the Hydrogen Economy

## The 8<sup>th</sup> Implementation – Liaison Committee Meeting

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### Final Draft Agenda

#### Monday, 11 June 2007

<b>Welcoming Reception</b>	
19.00 – 21.00	Welcoming Reception
<ul style="list-style-type: none"> <li>+ <i>The reception will be held at the Topaz Room (4<sup>th</sup> floor), Renaissance Seoul Hotel.</i></li> <li>+ <i>A senior official from Ministry of Commerce, Industry and Energy (MOCIE) will welcome the IPHE ILC delegates.</i></li> </ul>	

#### Tuesday, 12 June 2007

<b>1. Formal Topics</b>		<b>Document</b>
09.30	<ul style="list-style-type: none"> <li>1.1 Opening Address by Host Representative</li> <li>1.2 Welcome and Introductions; New Delegates and Observers</li> <li>1.3 Adoption of the Agenda</li> <li>1.4 Adoption of the Minutes from the Oxford ILC meeting in January 2007</li> </ul>	<ul style="list-style-type: none"> <li>List of Participants</li> <li>ILC-098-07</li> <li>ILC-096-07</li> </ul>
<ul style="list-style-type: none"> <li>+ <i>The ILC Co-Chairs will lead the members through the formal topics session. The proposed agenda will be reviewed and adopted with any pertinent changes. The meeting minutes from the 7<sup>th</sup> ILC meeting will be adopted with any pertinent changes; this document will be distributed to ILC members prior to meeting for their review.</i></li> </ul>		

09.45	1.5 Secretariat Update  1.5.1 Activities update and a report from the 7 <sup>th</sup> Steering Committee meeting	Room Document
+ <i>A representative from the IPHE Secretariat Office will offer an update of Secretariat activities and a report from the 6<sup>th</sup> Steering Committee meeting held in Reykjavik, Iceland in September 2006. Updated SC meeting minutes will be distributed to ILC members prior to meeting for their information.</i>		
10.00	1.6 ILC Co-Chairs Update  1.6.1 SC - ILC Work Plan Update	Room Document SC-008-04
+ <i>ILC Co-Chairs Hanns-Joachim Neef and Thorsteinn Sigfusson will offer an update to the participants on recent ILC activities and the next steps for the ILC. They will also provide an overview of expectations for the ILC meeting.</i>		
<b>2. ILC Business Items</b>		<b>Document</b>
10.20	2.1 Election of ILC Co-Chairs for 2008-2009 2.2 Discussion on Duties for ILC Vice-Chairs 2.3 Election of ILC Vice-Chairs	
+ <i>ILC members will address this issue of which members will serve as ILC Co-Chairs and Vice-Chairs for the next two-year term.</i>		
10.40	Coffee Break	

<b>3. ILC Member Presentations</b>		<b>Document</b>
11.00	3.1 ILC Member Presentations <ul style="list-style-type: none"> <li>❖ Brazil</li> <li>❖ Germany</li> <li>❖ New Zealand</li> <li>❖ UK</li> <li>❖ US</li> </ul>	Room Document
<p>+ <i>ILC members with new information since the last meeting in Oxford in January 2007 will report for 5-10 minutes in this session.</i></p> <p>+ <i>Symone Araujo, Coordinator, Ministry of Mines and Energy</i></p> <p>+ <i>Germany: Dr. Volkhard Riechmann, Head of Department "Energy, Mining, Climate Protection" in the Ministry of Economic Affairs and Energy of the state Nordrhein-Westfalen.</i></p> <p>+ <i>New Zealand: Alister Gardner, Manager - Hydrogen Distributed Energy Group, IRL Limited</i></p> <p>+ <i>UK: TBD</i></p> <p>+ <i>US: Sunita Satyapal, Team Lead for Storage at the Department of Energy's Hydrogen, Fuel Cell and Infrastructure Program.</i></p>		
12.00 - 13.30	Lunch	

<b>4. IPHE Strategic Process and Products</b>		<b>Document</b>
13.30	4.1 IPHE Strategic Priorities  4.1.1 Report on the Commonality Analysis and Country Profiles  4.1.2 Next Steps to the Strategic Process	ILC-099-07 and Individual Country Profile  Room Document
+ <i>The Secretariat will facilitate a discussion on the follow-on activities and use of the IPHE Priority Scorecard results. Please see the Draft Commonality Analysis and Country Profile for reference.</i>		
15.00	Coffee Break	
<b>5. Thematic Discussion: Fuel Cell Systems for Transportation: Current Costs and Near-Term Challenges</b>		<b>Document</b>
15.20	5.1 Thematic Presentations  ❖ Brazil  ❖ EU (Joint Research Centre)  ❖ Korea (Hyundai Motor Company)  ❖ UK  ❖ USA	Room Document
<i>Please notify the Secretariat if you can offer a presentation on the thematic topic.</i> + <i>Brazil: Paulo Emilo De Miranda, Profesor Titular, COPPE, and Mauricio Cantao, Manager of Research and Development of Hydrogen and Fuel Cells, LACTEC</i> + <i>EU Joint Research Centre: Dr. George Tsotridis will offer an overview on his Research Center's fuel cell activities.</i> + <i>Korea: TBD</i> + <i>UK: TBD</i> + <i>US: Sunita Satyapal, Team Lead for Storage at the Department of Energy's Hydrogen, Fuel Cell and Infrastructure Program.</i>		

<b>6. IPHE Work Groups Update</b>		<b>Document</b>
16.30	6.1 Education Work Group (EWG) Update	Room Document
	6.2 Regulations, Codes and Standards Work Group (RCSWG) Update	Room Document
	6.3 Demonstration and Infrastructure Work Group (DWG) Update	Room Document
<ul style="list-style-type: none"> <li>+ <i>Thorsteinn Sigfusson, EWG Co-Chair, will provide the ILC with an update on the Education Work Group activities.</i></li> <li>+ <i>Bill Chernicoff, RCSWG Co-Chair, will provide the ILC with an update on the RCSWG activities to date.</i></li> <li>+ <i>The Secretariat will provide an update on the DWG activities to date.</i></li> </ul>		
17.30	Adjourn	
19.00 - 21.00	Welcoming Dinner	
<ul style="list-style-type: none"> <li>+ <i>The dinner will be served at the Diamond Ballroom (3<sup>rd</sup> floor) by the host country.</i></li> <li>+ <i>Vice Minister for Energy at the Ministry of Commerce, Industry and Energy together with the President of the Korean Energy Management Corporation (KEMCO) will welcome the IPHE delegations.</i></li> </ul>		

## Wednesday, 13 June 2007

<b>6. IPHE Work Group Update, Continued</b>		<b>Document</b>
9:00	6.4 Evaluation Team: Project Monitoring 6.4.1 Summary of Monitoring Report on the 2005 IPHE Collaborative Projects 6.4.2 Lessons Learned from the 1st Round of Project Monitoring 6.5 Evaluation Team (ET) Recommendation for 2007 IPHE Endorsed Projects	ILC-090-07 Room Document Room Document
+ <i>A review of the monitoring report on the 2005 IPHE endorsed projects will be offered to the ILC by the Evaluation Team (ET) Co-Chairs and lessons learned from the 1<sup>st</sup> round of project monitoring will be discussed.</i> + <i>Results from the ET review of the project proposals for the 2007 IPHE endorsed projects will be presented for ILC consideration and approval. Based on ILC approval, final recommendations will be submitted to the SC for the out-of-session endorsement.</i>		
<b>7. Host Country Presentations</b>		
9.45	7.1 Overview <ul style="list-style-type: none"> <li>○ Hydrogen &amp; Fuel Cell Activities in Korea</li> <li>○ Overview of Hydrogen Production and Storage projects in Hydrogen Energy R&amp;D Center</li> </ul>	
+ <i>Presenter : Dr. Seong Ahn Hong from National RD&amp;D Organization for Hydrogen and Fuel Cell // Dr. Jong Won Kim from Hydrogen Energy R&amp;D Center</i>		
10.15	Coffee Break	

10.40	7.2 Transportation Application <ul style="list-style-type: none"> <li>○ Status of Fuel Cell &amp; Hydrogen for Transportation in Korea</li> </ul>
+ <i>Presenter : Dr. Tae Won Lim from Hyundai-Kia Motors</i>	
11.00	7.3 Residential Application <ul style="list-style-type: none"> <li>○ Residential Fuel Cell in Korea – development and dissemination</li> </ul>
+ <i>Presenter : Dr. Dal Ryung Park from Korea Gas Corporation</i>	
11.15	7.4 Portable Application <ul style="list-style-type: none"> <li>○ Fuel Cell R&amp;D Activities in LG Chem. Ltd</li> <li>○ Fuel Cell for Portable Devices in Samsung Electro-Mechanics Co.</li> </ul>
+ <i>Presenter : Dr. Won Ho Lee from LG Chemical Ltd. // Dr. Jae Hyuk Jang from Samsung Electro-Mechanics Co.</i>	
11.45	7.5 Generation <ul style="list-style-type: none"> <li>○ Status of National Project for MCFC Technology Development and Business Activities in Korea</li> </ul>
+ <i>Presenter : Dr. Tae Hyong Kim from POSCO Power</i>	
12.00 – 13.30	Lunch



<b>8. Coordination with Other International Organizations</b>		<b>Document</b>
13.30	8.1 IPHE / IEA Collaboration on the HIA Hydrogen Storage Task	Room Document
	8.2 IPHE / IEA Infrastructure Workshop Update	Room Document
	8.3 Collaboration with the UNIDO	
<ul style="list-style-type: none"> <li>+ <i>Line Amlund, Norway, will offer an update on the status of the formation of a Collaboration Group with the IEA HIA Storage Task.</i></li> <li>+ <i>The Secretariat will offer a summary of results from the 1<sup>st</sup> IEA/IPHE Workshop on Building the Hydrogen Economy that was held on April 2-4 in Detroit, USA.</i></li> <li>+ <i>ILC Co-chair will report on the result of the dialogue with the UNIDO-ICHET for possible future collaboration.</i></li> </ul>		
<b>9. IPHE Information Resources</b>		<b>Document</b>
14.30	9. 1 Inventory of Hydrogen and Fuel Cell Products	ILC-101-07
<ul style="list-style-type: none"> <li>+ <i>The Secretariat will provide an update on the development of the Inventory of Hydrogen and Fuel Cell Products.</i></li> </ul>		
15.00	Coffee Break	

<b>10. Closing</b>		<b>Document</b>
15.20	10.1 Action Items 10.2 Future Meeting Schedule of ILC and SC	Room Document
<p>+ <i>The Secretariat will review the action items agreed upon by the ILC members.</i></p> <p>+ <i>Germany will introduce the city of Essen and the state of Nordrhein-Westfalen as the venue of the next ILC meeting.</i></p>		
15.45	Adjourn	

## Thursday, 14 June 2007

<b>12. Site Visit</b>	
08.30	Departure for KOGAS (Korea Gas Corporation)
10.30	KOGAS - Tour of LNG Receiving Terminal and Hydrogen Station
12.00	Lunch
13.00	Departure for Korean Folk Village
14.00	Korean Folk Village in Yong-In
16.30	Departure for the Renaissance Seoul Hotel
17.30	Arrival at the Renaissance Seoul Hotel
<p>+ <i>For the site visit, transportation to and from the hotel and the lunch box will be provided.</i></p>	