



**International Partnership  
for the Hydrogen Economy**

## **MEETING AGENDA**

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

19-22 February 2008

Essen, Germany

**Meeting Theme: Accelerating Market Penetration of  
Hydrogen and Fuel Cell Technologies**

**Final Draft**

E.ON Ruhrgas AG Headquarters  
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**International Partnership for the Hydrogen Economy**  
 The 9<sup>th</sup> Implementation – Liaison Committee Meeting  
 19-22 February 2008  
 Essen, Germany  
**3rd Draft Agenda**

**Tuesday, February 19, 2008**

08.30	Bus Shuttle: Hotel Bredeney to E.ON Ruhrgas	
09.00	Demonstration Work Group Meeting ( <i>confirmed</i> )	ILC-110-08
11.00	Secretariat and ILC Co-Chairs Meeting	
<i>Meetings will take place at E.ON Ruhrgas, AG Headquarters Huttropstrasse 60, 45138 Essen</i>		
12.00	Bus Shuttle: Hotel Bredeney to E.ON Ruhrgas	
12.15	Registration / Snack	
<i>A shuttle bus will pick up ILC members from hotel Bredeney and take them to the meeting venue (10 minute trip) - E.ON Ruhrgas.</i>		
<b>1. Formal Topics</b>		
13.30	1.1 Opening Address by Host Representative 1.2 Welcome and Introductions; New Delegates and Observers 1.3 Adoption of the Agenda 1.4 Adoption of the Minutes from the 8th ILC meeting, 11 – 14 June 2007 - Seoul, the Republic of Korea	List of ILC 9 <sup>th</sup> Participants ILC-107-08 ILC-105-07
<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 8<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>		

<b>2. Theme - Accelerating Market Penetration of Hydrogen and Fuel Cell Technologies</b>		
14.00	Secretariat to introduce additional project proposals	Room document
14.05	2.1 World Hydrogen Project	ILC-109-08
<p>+ <i>Pierpaolo Garibaldi of Italy will present a concept paper on creating a “world hydrogen project”. A concept paper will be available for members prior to the meeting. The ILC is requested to make a recommendation on the World Hydrogen Project proposal to the Steering Committee.</i></p>		
14.35	2.2 HyWays-IPHE Presentation	Room document
<p><i>Christoph Stiller of the HyWays-IPHE Coordination Office will make a presentation of a dissemination strategy to IPHE countries.</i></p>		
15.05	2.3 Fuel Cell Systems for Transportation: Current Costs and Near-Term Challenges	Room document
<p><i>A summary of thematic presentations from the Seoul meeting will be provided (US lead). Sunita Satyapal/US DOE to provide a debrief of the recent work done on fuel cell cost analysis as per the last ILC meeting in Korea.</i></p>		
15.20	Open Discussion	
15.35	Break	
<b>3. Updates</b>		
15.50	3.1 Secretariat Update 3.1.1 Update from the 8 <sup>th</sup> Steering Committee meeting 3.1.2 Secretariat Activities	SC-044-07 Room document
<p><i>Summary of the 8<sup>th</sup> Steering Committee meeting held in Roma, Italy in November 2007. Updated SC meeting minutes will be distributed to ILC members prior to meeting for their information.</i></p> <p><i>The IPHE Secretariat will offer an update of Secretariat activities including results from stakeholder survey, IPHE-CSLF cooperation, global list of commercial products, the informal co-chair group, and website upgrade.</i></p>		

16.15	<p>3.2 ILC Work Group Updates</p> <p>3.2.1 Evaluation Team Update</p> <p>3.2.2 Demonstration and Infrastructure Work Group (DWG) Update</p> <p>3.2.3 Awards Committee Update</p> <p>3.2.4 Education Work Group (EWG) Update</p> <p>3.2.5 Regulations, Codes and Standards Work Group (RCSWG) Update</p>	Room documents
<p>+ <i>Bernd Hoehlein, ET Co-Chair: Evaluation Team update</i></p> <p>+ <i>John Garbak, DWG Co-Chair will provide an update on the DWG activities to date.</i></p> <p>+ <i>Albert Doub, USEA and Pierpaolo Garibaldi, Italy to provide an update of the IPHE Awards</i></p> <p>+ <i>Ingolfur Thorbjornsson, for the EWG Co-Chair, will provide the ILC with an update on the Education Work Group activities.</i></p> <p>+ <i>Marc Steen, RCSWG Co-Chair, will provide the ILC with an update on the RCSWG activities to date.</i></p>		
17.30	Adjourn	
17.30	Bus Shuttle: E.ON Ruhrgas to Hotel Bredeney	
18.30	Bus Shuttle: Hotel Bredeney to Brewery	
19.00	Welcome Dinner – <i>Brewery, Essen</i>	
21.30	Bus Shuttle: Brewery to Hotel Bredeney	
<p><i>Addresses:</i></p> <p><i>E.ON Ruhrgas AG Headquarters</i>  <i>Huttropstrasse 60</i>  <i>45138 Essen</i>  <a href="http://www.eon-ruhrgas.com">www.eon-ruhrgas.com</a></p> <p><i>Brewery</i>  <i>Dampf-Bierbrauerei - Gasthof Borbeck</i>  <i>Heinrich-Brauns-Strasse. 9-15</i>  <i>45355 Essen</i>  <a href="http://www.dampfe.de">www.dampfe.de</a></p>		

## Wednesday, February 20, 2008

08.30	Bus Shuttle: Hotel Bredeneu to E.ON Ruhrgas	
<b>4. ILC Business – Review status and discussion of ILC organization and activities to deliver on Steering Committee priorities</b>		
09.00	4.1 Feedback from last SC meeting in Rome	Room document
	4.2 How ILC can address 4 new IPHE priorities: - status of ILC activities - new objectives  (continued after lunch)	Room document
<i>ILC Co-Chair Paul Lucchese will lead a discussion ILC priorities and activities.</i>		
10.45	Break	
<b>5. Host Country Presentations</b>		
11.15	<b>Fuel Cell and Hydrogen Activities of Federal Government</b> Nilgün Parker (Federal Ministry of Transport, Building and Urban Affairs) / Klaus Bonhoff (Project Management Organisation NOW)	Room documents
11.45	<b>Fuel Cell and Hydrogen Activities of German Federal States</b> Heinz Baues (Representative of the States in the NOW Advisory Council, Ministry of Economic Affairs and Energy of the State of North Rhine-Westphalia)	
12.10	<b>Activities of the Fuel Cell and Hydrogen Network North Rhine-Westphalia</b> Andreas Ziolek (Head of Fuel Cell and Hydrogen Network NRW)	
12.20	<b>Stationary Applications – Status and Activities</b> Stephan Ramesohl (E.ON Ruhrgas)	
12.30	<b>Transport Applications – Status and Activities</b> Klaus Scheuerer (BMW, NOW Advisory Council)	
	<b>Special Market Applications – Status and Activities</b> Werner Tillmetz (ZSW - Zentrum für Sonnenenergie- und Wasserstoff-Forschung, NOW Advisory Council)	

12.40	<b>R&amp;D Activities of Institutes and Universities</b> Ulrich Wagner (Technische Universität München, NOW Advisory Council)	
12.50	Discussion	
13.00	Lunch (with Group Photo)	
14.00	4.3 Organization of ILC for next two years <ul style="list-style-type: none"> <li>- Work Groups: How many? Topics?</li> <li>- Coherence between Work Groups, ILC priorities and SC priorities</li> <li>- Vice Chairs: roles, numbers, approval, nominations</li> <li>- Tools to develop for ILC activities support</li> <li>- IPHE Projects: Call 2008</li> </ul> 4.4 Opening the ILC <ul style="list-style-type: none"> <li>- To other “worlds” – e.g. Batteries, other energy technologies, CSLF</li> <li>- To other stakeholders: policy experts, financial, NGOs</li> </ul>	ILC-104-07
<i>ILC Co-Chairs Paul Lucchese and John Loughhead will lead a discussion ILC priorities and activities.</i>		
16.10	“Les 24 heures du Mans “ - World Event in Le Mans, France, July 2009	
<i>Representatives from Les 24 heures du Mans will present a concept called Move Planet 2009 – including a launch of a World Festival of Sustainable Mobility. The opportunity for integrating H2 into the event will be discussed.</i>		
16.30	Break	
<b>6. Review</b>		
16.45	6.1 Action and Decision Items	Room Document
<i>The Secretariat will review the action and decision items agreed to by ILC members.</i>		
16.05	Next ILC meeting in Brisbane, Australia	

<i>Australian delegates will speak to the next ILC meeting in June 2008.</i>	
17.15	Adjourn
17.30	Bus Shuttle: E.ON Ruhrgas to Dinner venue – Coal Mine
18.00	Guided Tour “Zeche Zollverein”
19.30	Dinner Event - <i>Coal Mine “Zeche Zollverein” - World Heritage Site</i>
21.30	Bus Shuttle: Coal Mine to Hotel Bredeney
<i>Addresses: Coal Mine “Zeche Zollverein” - World Heritage Site Zeche Zollverein Gelsenkirchener Straße 181 D-45309 Essen <a href="http://www.zollverein.de">www.zollverein.de</a></i>	



## Thursday, February 21, 2008

<b>7. German Hydrogen Congress - European and International Activities – Parallel Session</b>	
08.30	Bus Shuttle: Hotel Bredeneey to Fair Essen / East
09:00	<p><b>Welcome by Session Chairs</b></p> <p><b>International Partnership for the Hydrogen Economy (IPHE) - Priorities for International Collaboration</b></p> <p>John Loughhead (United Kingdom Energy Research Centre, UK),            Paul Lucchese (Commissariat à l'Énergie Atomique, France)            (IPHE Implementation-Liaison Committee Co-Chairs)</p>
09.05	<p><b>Policy, Programme and Activities in H2/FC Sector in China</b></p> <p>Kun Yuan (Institute of Nuclear and New Energy Technology,            Tsinghua University, Beijing)</p>
09.25	<p><b>Overview of Hydrogen and Fuel Cell Monitoring Projects for Transportation and Residential Power Generation in Korea</b></p> <p>Su Ha Jun (Ministry Commerce, Industry &amp; Energy), Seung Young Chung (Korea Energy Management Corporation),            Kee Suk Nahm (Chonbuk National University), Korea</p>
09.45	<p><b>Fuel Cell and Hydrogen Activities in Canada</b></p> <p>Vesna Scepanovic, (Hydrogen &amp; Fuel Cells R&amp;D, CANMET Energy Technology Centre, Natural Resources Canada)</p>
10.05	<p><b>Brazilian Hydrogen Economy Development</b></p> <p>Symone Araujo, (Ministry of Mines and Energy, Brazil)</p>
10.25	Break
10.55	<p><b>Building the Hydrogen Economy – Enabling Infrastructure Development</b></p> <p>Robert Dixon (Secretariat of the International Energy Agency, Paris, France)</p>
11.15	<p><b>Hydrogen Education at a Crossroads of the Technology</b></p> <p>Thorsteinn I. Sigfusson (University of Iceland and Innovation Center Iceland)</p>
11.35	<p><b>Regulations, Codes &amp; Standards – what can IPHE contribute?</b></p> <p>Marc Steen (European Commission, Joint Research Centre, Petten, Netherlands)</p>

12.00	Lunch
13.15	<b>Overview on IPHE Labelled Projects</b> Bernd Höhle (Fuel Cell and Hydrogen Network NRW)
13.35	<b>German – Brazilian Collaboration on SOFC</b> R. Steinberger-Wilckens (Forschungszentrum Jülich GmbH, Germany), Paulo Emílio V. De Miranda (Universidade Federal do Rio de Janeiro, Brazil)
13.55	<b>HyWays – IPHE: Roadmapping International</b> Christoph Stiller (Ludwig-Bölkow-Systemtechnik, Germany), Rei Fernandes (Technical University of Lisbon, Portugal)
14.15	Break
14.40	<b>German Activities within IEA Implementing Agreements “Hydrogen” and        “Advanced Fuel Cell”</b> Jürgen-Friedrich Hake, Detlef Stolten, Jochen Linssen (Forschungszentrum Jülich GmbH)
15.20	<b>European Joint Technology Initiative for Hydrogen and Fuel Cell        Technologies</b> André Martin (JTI Interim Structure, FCHInStruct, Brussels)
16:00	Adjourn
16.15	Bus Shuttle: Fair Essen / East to Hotel Bredeney
<i>Dinner on your own</i>	
<i>Addresses:</i> <i>Fair Essen</i> <i>MESSE ESSEN GmbH</i> <i>Norbertstrasse</i> <i>45131 Essen</i> <a href="http://www.messe-essen.de">www.messe-essen.de</a>	

## Friday, February 22, 2008

<b>8. Site Visit</b>	
08.30	Bus Shuttle: Hotel Bredeney to Fair Essen / East
09.00	Departure from Fair / Messe Essen (East / Ost)
09.30 – 11.00	Destination 1: Zentrum für BrennstoffzellenTechnik gGmbH (ZBT), Duisburg
12.00 – 13.30	Destination 2: Coatema Coating Machinery GmbH, Dormagen
Ca. 14.30	Return to Fair / Messe Essen