

IEA/IPHE Workshop Agenda, July 10-12 2007

Tuesday, July 10, 2007

Discussion Group Planning Meeting (*IEA, Room 250*)

Group Discussion Leaders and Rapporteurs only

Welcome Reception

Wednesday, July 11, 2007

Plenary Session (IEA Conference Room 1)

Welcome

Mr. Claude Mandil, Executive Director, International Energy Agency

Building the Hydrogen Economy: Enabling Infrastructure Development

Dr. Robert K. Dixon, Head, Energy Technology Policy Division, International Energy Agency

Session I: Sharing the European Vision

The Hydrogen Strategy of the EU Technology Platform

Dr. Bernard Frois, ANR – National Research Agency, France

HyWays - The European Hydrogen Energy Roadmap - Final Results

Mr. Reinhold Wurster, Senior Project Manager - Hydrogen,
Ludwig-Bolkow Systemtechnik (HyWays coordination office)

**EU-funded Initiatives for Hydrogen Infrastructure Development:
Current Status and Future Prospects**

Ms. Beatrice Coda, Scientific Officer, European Commission

Renewables & Hydrogen Activities

Mr. Gijs van Breda Vriesman, GM Hydrogen Europe, Shell

Urban hydrogen projects; finding your way in European Townhalls

Ms. Marieke Reijalt, Executive Director, European Hydrogen Association, Belgium

Session II: Building Blocks for the Hydrogen Economy

IEA Hydrogen Implementing Agreement (HIA)

Building the Hydrogen Economy Through R,D&D Cooperation

Mr. Ray Eaton, UK Department for Business, Enterprise & Regulatory Reform

Analysis of the U.S. Market Transition to a Hydrogen Economy

Mr. Fred Joseck, U.S. Department of Energy

The Road to a Full-Scale Hydrogen Economy

Mr. Dan Cicero, Hydrogen Technology Manager, U.S. Department of Energy

Building the Hydrogen Economy

Dr. Tapan K. Bose, President & CEO, Hydrogen Engine Centre, Canada

Transition Scenario for Hydrogen Infrastructure for Fuel Cell Vehicles in Japan

Mr. Yuichiro Shimura, Mitsubishi Research Institute, Japan

Hydrogen and Fuel Cell Infrastructure Development in Shanghai

Mr. Jianxin Ma, Tonghi University, China

Hydrogen in the Spanish Energy Framework

Ms. Esther Chacón, National Institute for Aerospace Technology, Spain

Supporting Technologies for the Hydrogen Economy

Dr. Eitan Yudilevich, Executive Director, BIRD Foundation, Israel

Session Instructions

Mr. Richard Scheer, Energetics, Incorporated

Lunch

Facilitated Discussion Sessions

All participants proceed to respective session rooms. Participant session assignments will be provided at registration, and will be posted outside each session meeting room.

Sessions 1-4 will involve group discussions to consider infrastructure development and transition issues for mobile and stationary hydrogen energy applications. The discussions will identify technical, institutional, and financial opportunities and challenges for hydrogen production facilities, delivery systems, fuel cell systems, and fueling stations; and potential public policy and market strategy opportunities for addressing these questions and challenges.

Session 1: Mobile Applications

Discussion Leader: Dr. Robert K. Dixon, IEA

Rapporteur: Mr. Michael Mills, U.S. Department of Energy

Session 2: Mobile Applications

Discussion Leader: Mr. Thomas Gross, IF, LLC

Rapporteur: Ms. Jill Gagnon, U.S. Energy Association

Session 3: Stationary Applications

Discussion Leader: Mr. Khalid Benhamou, Sahara Wind, Inc.

Mr. Robert Donovan, U.S. Energy Association

Rapporteur: Ms. Simone Luft, IEA

Session 4: Stationary Applications

Discussion Leader: Dr. Nicolas Lymberopoulos, UN Industrial Development Organization

Rapporteur: Ms. Emily Glenn, IEA

Session 5 will focus on modeling, analysis, and scenario development issues. The discussion will begin with a series of short presentations to offer various perspectives about modeling hydrogen infrastructure implementation. The following discussion will consider fuel diversity, international cooperation, policy tools, case studies, and industry transitions.

Session 5: Modeling & Analysis

Discussion Leaders: Dr. Dolf Gielen, IEA
Dr. Paul Leiby, ORNL, U.S. Department of Energy

Reception

Thursday, July 12, 2007

Discussions (*Same rooms as previous day*)

*The facilitated group discussions will continue until 10:15 on Thursday morning for participants to review and finalize the previous day's discussions, and to prepare an oral report of the group's key findings and results. Participants will reconvene in the final plenary session at 10:30 to present oral reports from each group, and to participate in a facilitated discussion of cross-cutting themes, information gaps, and remaining issues. **Goal:** Summarize Wednesday and Thursday discussions and identify major themes and other issues for analysis.*

Finalize Group Oral Reports

Final Plenary Session

Reports from the Groups & Discussion

Chair: Mr. Richard Scheer, Energetics Incorporated

Panelists: Group Discussion Leaders

Closing Remarks

Ms. Sara Filbee, Industry Canada

Adjourn