



IPHE INFRASTRUCTURE WORKSHOP

Hilton Sacramento Arden West
2200 Harvard Street
Sacramento, California 95815-3306
February 25 - 26, 2010

AGENDA

THURSDAY, FEBRUARY 25

- | | |
|------------------|--|
| 7:00 – 8:00 am | Registration and Continental Breakfast |
| 8:00 – 9:00 am | <p>Pathways to 2020: Presentations from Selected IPHE Member Countries</p> <p><i>Number of vehicles and stations in each country in 2020; partners and funding; and progress, challenges, and showstoppers.</i></p> <ul style="list-style-type: none">■ <i>United States:</i> John Garbak and Fred Joseck, U.S. Department of Energy and Catherine Dunwoody, Executive Director, California Fuel Cell Partnership■ <i>Germany/EU (FCH Joint Undertaking and the German H₂ Mobility Initiative):</i> Philippe Mulard, Hydrogen Programme Manager, TOTAL Refining & Marketing■ <i>Japan:</i> Jinichi Tomoru, Engineering Advancement Association of Japan (ENAA)■ <i>South Korea:</i> B. K. Ahn, Principal Research Engineer, Fuel Cell Vehicle Team, Hyundai Motor Company |
| 9:00 – 9:30 am | Group Discussion |
| 9:30 – 11:00 am | <p>Hydrogen Fueling Station Business Cases</p> <p><i>Presentation and discussion of business cases for five different hydrogen station configurations (prepared by NREL) and results from a recent on-line focus group of leading retail fuel providers about the business cases.</i></p> <ul style="list-style-type: none">■ Marc Melaina, National Renewable Energy Laboratory: Overview of Hydrogen Fueling Station Business Case Scenarios■ Chris White, California Fuel Cell Partnership: Review of Fuel Dealer Focus Group Results |
| 11:00 – 11:30 am | Group Discussion |
| 11:30 – 11:45 am | Remarks from Anthony Eggert, Commissioner, California Energy Commission |
| 11:45 – 1:00 pm | Lunch (<i>provided</i>) |



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AGENDA (continued)

1:00 – 4:30 pm

Facilitated Breakout Group Discussion Sessions

Groups will consider key obstacles to market implementation of hydrogen fueling stations, and develop ideas and action plans for overcoming the obstacles, particularly in the California market. Practical, solution-oriented thinking will be encouraged, as will creative thinking to generate challenging, innovative ideas that government and/or industry could pursue in the following topic areas:

- Entry-Level Station Configurations and Strategies
- Government Incentives and Policies
- Reducing Risk to Station Owners
- Information and Education for Retailers and their Customers

4:30 – 5:30 pm

Plenary Session: Breakout Group Reports

Each breakout session leader will report on their results for further consideration on Day 2.

FRIDAY, FEBRUARY 26

7:30 – 8:30 am

Continental Breakfast

8:30 – 10:30 am

Breakout Groups: Exploring the Ideas

Groups will complete and give final reports on the action plans for their top-priority ideas, For very challenging or innovative ideas, groups will consider what could be done to make these ideas attainable.

10:30 – 10:50 am

Break

10:50 – 11:45 am

Closing Session: Recap -- Visions of 2020

How do the ideas from the breakout sessions and industry focus group impact the 2020 visions described for the U.S., Germany, Japan, and South Korea? Are there action items that could adapted for use in other countries or leveraged by international cooperation or collaboration?

11:45 – 12:00 pm

Closing Remarks and Next Steps

Optional

1:00 – 3:00 pm

Public Tour of California Fuel Cell Partnership (CaFCP) Headquarters

CaFCP -- 3300 Industrial Blvd. Suite 1000, West Sacramento, CA 95691

- Visit CaFCP's headquarters
- Tour the world's busiest hydrogen station
- Take a ride in the Sacramento-based fuel cell vehicles
- Hear what people say and ask about FCVs and hydrogen