

Alternative Fuels Lessons Learned Workshop

Prepared for:
2010-2025 H2 Scenario Analysis Meeting
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Objectives

- Bring together knowledgeable, influential players from alternative fuels industry
- Assess lessons learned from their experience relevant to hydrogen implementation

Meeting Venue

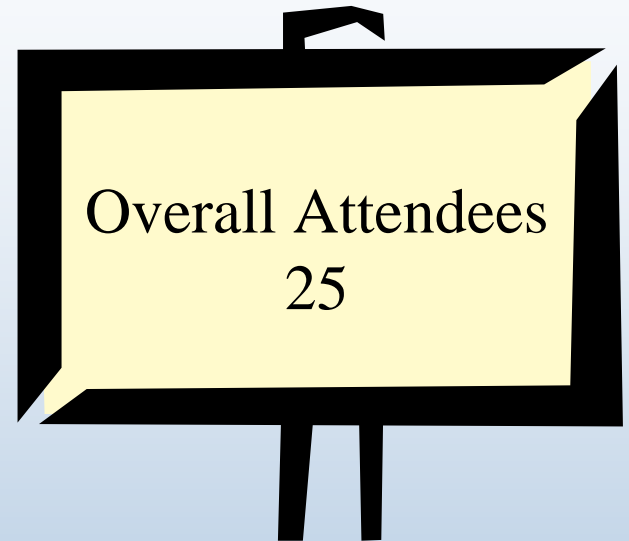
- July 20-21, 2006, Golden, Colorado

Goals of Meeting

- Assess role of government policy and its stability as it affects industry & consumer behavior
- Identify key activities leading to success
- Understand priorities regarding deployment activities
- Identify options for transition from fleets to consumers
- Identify data/information needs

Participants

- Vehicle Manufacturers
- Fuel Providers
- Policy Makers
- Fleet Operators
- Clean Cities Coordinators
- Research & Development participants
- Trade associations
- DOE participants



Meeting Format

For each topic area:

- Background Presentations
 - 2-3 presenters
 - 10 minutes each
- Facilitated Discussions
 - 45-60 minutes

Topic Areas

Fuel

Vehicles

Infrastructure

Strategies and
Policies



Presentations

- Vehicles

- Steve Ellis, American Honda
- Jill Banaszynski, General Motors
- Analisa Bevan, CARB

- Fuels

- Bob McCormick, NREL
- Bob Myers, PERC

- Infrastructure

- Cliff Gladstein, Gladstein, Neandross & Associates
- Todd Campbell, Clean Energy
- Tim Gerlach, American Lung Association of MN

- Fleets and Policies

- Matt Miyasato, South Coast AQMD
- John Lapetz, Ford



Initial Observations

- Numerous alt fuels successes exist
- Correlations between hydrogen and other alt fuels
- Coordination is vital
 - Infrastructure and vehicle deployment
- Communication
 - H2 community
 - Public
- Need for sustained government policies and messages
- Information/data gathering essential
- Incentives and mandates are both important
 - right ones
 - right time

Initial Observations

- Who will bear the costs?
 - Social Costs
 - Health, Environment
 - Consumers “think with their wallet”
- Demonstration projects are important
 - support
 - education
- Fleets sustain fuel market; consumers sustain vehicle markets
- Backing from agencies necessary
 - fire, safety, permitting, insurance
- Local level efforts are necessary
 - Public education
 - Codes and standards/safety

Next Steps

- Compile meeting minutes
- Identify data gaps
- Conduct follow-up interviews
- Analyze results
- Produce report

