


# H2L3: Hydrogen Learning for Local Leaders



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May 21, 2009

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# Overview

## Timeline

- Start - October 2008
- Complete - August 2011
- Completion - 15%

## Budget

- Total project funding
  - DOE share - \$198,400
  - Contractor share - \$30,908
- Funding received in FY08
  - \$0
- Funding for FY09
  - \$89,566

## Barriers

### Barriers addressed

- A. Lack of readily available, objective and technically accurate information
- B. Mixed messages
- C. Disconnect between H2 information and dissemination networks
- D. Lack of educated trainers and training opportunities

## Partners

- Public Technology Institute (PTI)
- Schatz Energy Research Center, Humboldt State University
- TTC, *Project lead*

# Objectives - Relevance

Period Addressed: October 2008 - May 2009

## **Objective: Curriculum Development**

- Create presentation materials tailored to effectively communicate with state and local government leaders...Relate hydrogen to their interests and spheres of responsibility.

## **Relevance**

- Narrows gap in hydrogen understanding -- makes it available and meaningful for officials making real decisions that affect hydrogen technology deployment
  - Addresses Barrier A *Lack of information resources*
- Provides a perspective for local leaders to understand how hydrogen is part of an energy portfolio
  - Addresses Barrier B *Mixed messages*

# Objectives - Relevance

Period Addressed - October 2008 - May 2009

## **Objective: Dissemination Path**

- Establish pathways for working with national associations of state and local officials as route for disseminating information about hydrogen....Set pattern for on-going information flow.

## **Relevance**

- Connects hydrogen information with existing dissemination networks through PTI and NASEO
  - Addresses Barrier C *Disconnect with dissemination networks*
- Establishes venues for in-person training opportunities for state and local officials, including train-the-trainer programs.
  - Addresses Barrier D *Lack of trainers and opportunities*

# Objectives - Relevance

Period Addressed - October 2008 - May 2009

## **Objective: National Venue**

- Launch learning sessions by conducting initial workshops for local and state officials at national gatherings....Achieve nationwide reach

## **Relevance**

- Efficient framework for spreading information to nationwide audience
- Information tailored to be useful for state and local decision makers
- Forges links with on-going dissemination networks
- Lays ground work for on-going training opportunities
  - Addresses Barriers A,B,C,D

# H2L3's Guiding Approach...

Communicate with state & local officials by working with them, not talking “at” them

“Working With” Approach	Status
Advisory Council of State and Local Officials to provide input to curriculum	✓ done
Arrange workshops at national meetings of state and local officials	✓ done
Peer presenters of case study at workshops	✓ done

# Accomplishments

Core Curriculum	<ul style="list-style-type: none"><li>• Comprehensive, basic presentation developed to communicate with audiences of state and local officials</li><li>• Curriculum trimmed or modified to tailor further for specific audiences as needed</li></ul>
Advisory Committee of Local & State Officials	<ul style="list-style-type: none"><li>• Local: Public Technology Institute members</li><li>• State: National Association of State Energy Officials members</li><li>• Review and input for curriculum</li></ul>
Peer Presenter	<ul style="list-style-type: none"><li>• Local case study of hydrogen projects presented by audience peer as part of curriculum</li></ul>
Hydrogen 101 Workshops	<ul style="list-style-type: none"><li>• Workshops (2) launched at annual national meeting of Public Technology Institute in May</li></ul>

# Collaborations

- Partners
  - Schatz Energy Research Center - primary developer and presenter of workshop curriculum
  - Public Technology Institute - liaison with national organizations representing local and state officials, arranging workshop opportunities
  - Technology Transition Corporation - project coordinator, liaison with hydrogen industry, through its clients: National Hydrogen Association (NHA), Hydrogen Education Foundation (HEF) and Partnership for Advancing the Transition to Hydrogen (PATH)
- Other Collaborators
  - National Association of State Energy Officials (NASEO) - participation on curriculum advisory committee and liaison with state government officials
  - More will be added once outreach begins



# Future Work

## FY 09

- One additional Hydrogen 101 workshop (NASEO annual meeting)
- Begin development of Train-the-Trainer curriculum drawing on experience from first 3 workshops
- Develop format for webinar version of workshops
- Develop database for survey follow-up with workshop participants and for leads-development

## FY 10

- Two Hydrogen 101 workshops at annual meetings of organizations representing state and/or local officials
- Two Train-the-Trainer workshops
- Webinar workshops (two in 18 months)
- Survey participants for feedback and leads development

# Project Summary

## Relevance

Supplies local and state decision makers with information about hydrogen that relates to their interests and responsibilities

## Approach

Works with national organizations representing state and local officials -- builds credibility and communicates through their existing dissemination networks

## Accomplishments and Progress

Relationships built with national organizations, workshops launched

# Thank you

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