U.S. DEPARTMENT OF ENERGY

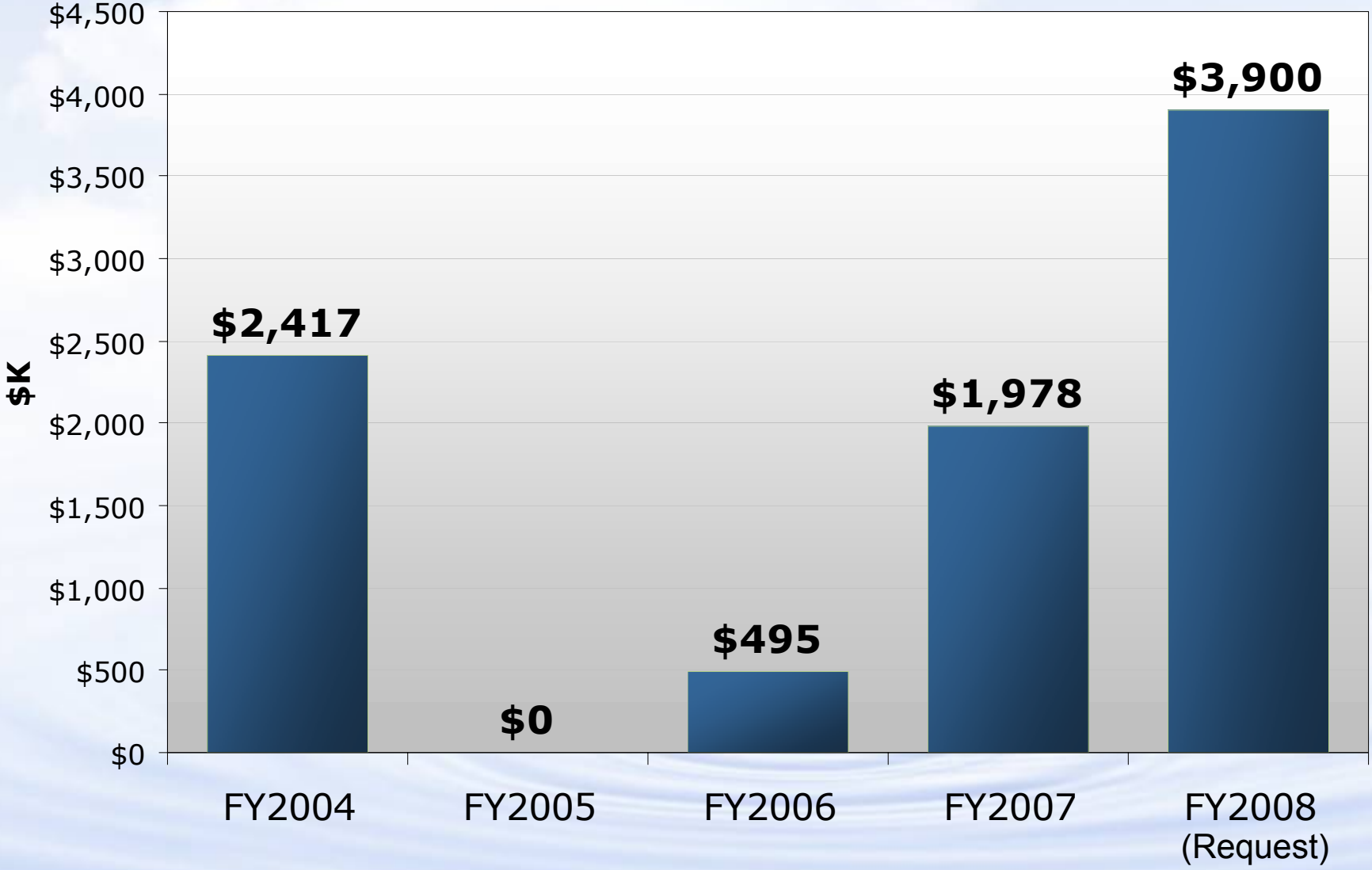
Education Session
DOE Overview

Christy Cooper

2007 DOE Hydrogen Program
Merit Review and Peer Evaluation Meeting

May 18, 2007

Budget History



Status and Priorities

- ***Focus remains on target audiences with a direct role in advancing the use of hydrogen today***
  - End-user target audience has new priority with overall EERE and Hydrogen Program focus on market transformation
- ***Activities must contribute to Education targets***
  - Targets based on results of 2004 knowledge and opinion survey
  - Targets are increases in a population's average score to survey's knowledge questions, compared to the 2004 baseline

	Safety and code officials	*Public*	*State and local governments*	*Potential end users*	*Teachers and students*
Target Increase					
By 2009:	*	15%	10%	15%	10%

** Safety and code officials were grouped in the state and local government and end user surveys in 2004; they will be surveyed as a separate target audience in 2009*

Safety/Code Officials

2006 Accomplishments

- Launched Introduction to Hydrogen Safety for First Responders

Ongoing Projects and Future Plans

- Ramp up outreach for Introduction to Hydrogen Safety for First Responders
- Develop "prop course" for hands-on vehicle safety training
- Develop Introduction to Hydrogen for Code Officials

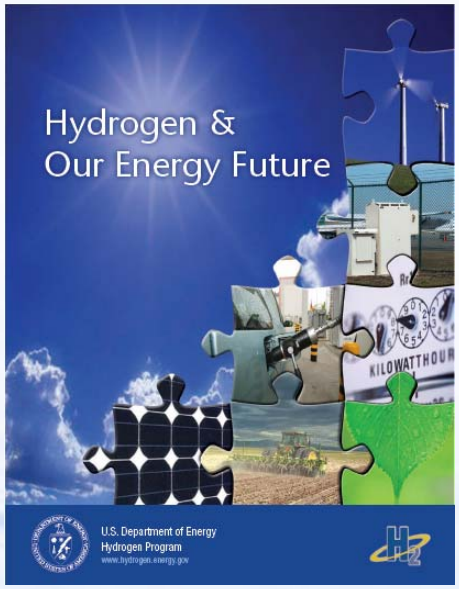
Local Communities Public

2006 Accomplishments

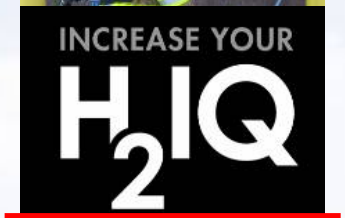
- Launched public education program, “Increase your H2IQ”
  - Radio spots
  - Podcasts
  - Hydrogen overview book

Ongoing Projects and Future Plans

- Ramp up public outreach through H2IQ program and partnership with NHA’s “H2 and You” campaign



State and Local Governments



2006 Accomplishments

- State and regional initiatives: bimonthly informational conference calls and in-person networking meetings (example topic: “Forklifts as an early market application”)

Ongoing Projects and Future Plans

- Continue bimonthly state and regional initiatives conference calls
- Planned FY2008 Solicitation: State and Local Government Outreach

End Users/Early Markets

2006 Accomplishments

- Developed information resources on early market applications
  - "Available Products and Early Market" podcast
  - Early Market fact sheets – forklifts and emergency backup power

Ongoing Projects and Future Plans

- Develop informational vidcast: "Forklifts as early market application"
- Planned FY2008 Solicitation: Early market deployments and coordinated outreach

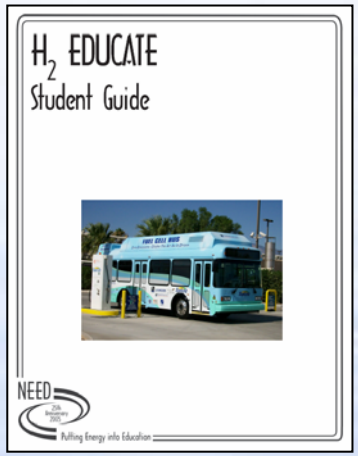
Schools/Universities

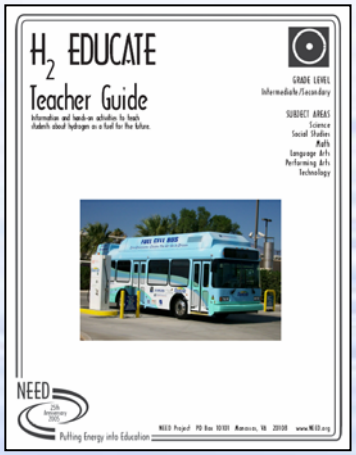
2006 Accomplishments

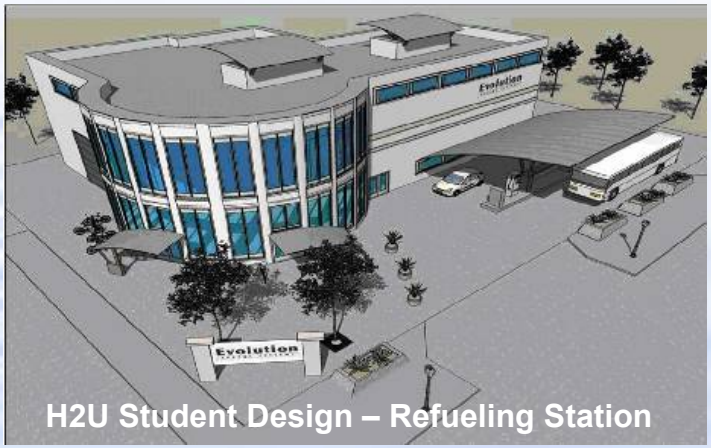
- Restarted MS-HS projects

Ongoing Projects and Future Plans

- Updating college/university program database, textbook database
- Participate as partner in NHA's H2U Student Design Contest
- Support MS-HS hands-on activity development and teacher training
- Planned FY2008 Solicitation: Universities







H2U Student Design – Refueling Station

Solicitations

INCREASE YOUR
H_2IQ

New solicitation planned for FY2008

- State and local government outreach
- Early market deployments and coordinated outreach
- Universities

For More Information

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Follow the link to education resources

www.hydrogen.energy.gov