



Challenges and Opportunities: Policy and Legislative Strategies for Deployment and Adoption of CVTA Priorities

First Summit on the State of the Connected Vehicle

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Agenda

- I. Obama Administration Focus
- II. 2009 Funding Opportunities
- III. Opportunities and Challenges
 - A. Executive Branch
 - B. Legislative Cycle
- IV. Other Opportunities

Obama Administration Focus

- Key focus on use of innovative technology in the areas of transportation and energy efficiency
- Incoming political team with policy and technical experience
 - U.S. Department of Transportation Secretary LaHood
 - U.S. Department of Energy Secretary Chu
 - White House Domestic Policy Council etc.

Obama Administration Focus (cont.)

- U.S. Department of Transportation
 - Reform surface transportation programs to put the system on a sustainable financing path
 - Make investments enhancing transit options, reducing congestion, and improving safety.
- U.S. Department of Energy
 - Modernize the electric grid
 - Support research, development, demonstration, deployment, and commercialization of clean energy technologies, including biofuels, renewable energy, and energy efficiency projects.
- National Science Foundation
 - Greater investments in science and technology in high tech areas

2009 Funding Opportunities

February 2009
American Recovery and Reinvestment Act (“Stimulus”)

March 2009
FY 2009 Omnibus Appropriation Bill

Fall 2009
FY 2010 Appropriations Opportunities Bill

Fall 2009-Spring 2010
SAFETEA-LU Reauthorization etc.

Opportunities and Challenges: Executive Branch U.S. Department of Transportation (DOT)

American Reinvestment and Recovery Act of 2009 ("Stimulus") Funding

- Federal Highway Administration - Highway Infrastructure Investments for States and MPOs
 - \$27.5 Billion, 50 percent apportioned to states under STP formula
 - Funding to restore, repair, construct under the Surface Transportation Program, rail and ports.
- New \$1.5 Billion Grant Program

Opportunities and Challenges: Executive Branch DOT (cont.)

Omnibus Appropriations Act, 2009

- Research and Innovative Technology Administration
 - \$12.9 in funding available
- Federal Highway Administration
 - \$430 million for transportation research programs
- Federal Motor Carrier Safety Administration
 - \$234 million of which \$8.5 million is set aside for research and technology programs
- National Highway Traffic Safety Administration
 - \$127 million in funding available for operations and research
 - \$105.5 million for operations and research

Opportunities and Challenges: Executive Branch U.S. Department of Energy (DOE)

American Reinvestment and Recovery Act of 2009 (“Stimulus”) Funding

- Significant funding for “smart grid” incentives
- \$2 billion for manufacturing advanced vehicle batteries & components
- \$3.4 billion for the Office of Energy Efficiency and Renewable Energy to further production of efficient batteries and hybrid vehicle components
- Discretionary spending
 - \$2 billion for advanced battery manufacturing
 - \$300 million for alternative fueled vehicles

Opportunities and Challenges: Executive Branch DOE (cont.)

Omnibus Appropriations Act, 2009

- \$1.9 billion for Energy Efficiency and Renewable Energy (EERE) programs
 - \$273,238,000 for vehicle technologies
- Science Expenditures
 - \$4.8 billion in Funding Available Science Activities under the U.S. Department of Energy Organization Act

Opportunities and Challenges: Executive Branch Broadband Funding

American Reinvestment and Recovery Act of 2009 (“Stimulus”) Funding

- The Stimulus Bill provides \$7.2 billion for broadband infrastructure projects to be distributed by NTIA and RUS
- Preference for broadband infrastructure projects that can rapidly commence to stimulate the economy
- Across ALL infrastructure funding in all substantive areas, there is a goal of using at least 50% of the funds for infrastructure activities that can begin in 120 days.
- Improve access to and use of broadband service by public safety agencies

Opportunities and Challenges: Legislative Cycle SAFETEA-LU Reauthorization

SAFETEA-LU Existing Programs

- Real-Time System Management Information
- Surface Transportation Research, Development, and Deployment (STRRD) Program
- Future Strategic Highway Research- National Academy of Sciences
- ITS Research
- Transportation Technology, Innovation & Demo Program

Opportunities and Challenges: Legislative Cycle SAFETEA-LU Reauthorization

- Political Realities of Funding Levels
- Timing of Bill
- House vs. Senate
- Old vs. New Programs
- Public Perception, Awareness of Benefits and Need for Broader Understanding
- Create Broader Coalitions to Support Objectives

Potential Legislative Options: SAFETEA-LU Reauthorization

- Mobilization of “Smart” Technology Stakeholders
- Educate Decision-Makers on Broader Benefits
- “Deconstruct” Benefits of Use of Technology
 - Safety
 - Security
 - Environmental Benefits/Green Technology
 - Job Creation
- Draft Language That Provide “Incentives” to States for Use of Funds That Use Technology
- Draft Language for Creation of New Pilots and Demo Projects

Potential Legislative Options: Global Climate Change

- Mobilization of “Smart” Technology Stakeholders
- Focus on use of Technology to Address Emissions Tracking Identified by the Waxman Bill
- Possible Tax Credits/Incentives for Use of Technology
- Draft Language for Creation of New Pilots and Demo Projects

Other Opportunities for Interconnected Vehicle Technologies

- U.S. Department of Homeland Security
- U.S. Department of Defense
- U.S. Department of Energy
- U.S. Department of Commerce
- National Science Foundation
- Interest Groups: Broader Public Safety
Community

Thank You.

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