

Southern Colorado Clean Cities Newsletter



[Check out the Clean Cities Colorado Event Calendar](#)

July 2009

Recovery Act - Systems Level Technology Development, Integration, and Demonstration for Efficient Class 8 Trucks (SuperTruck) and Advanced Technology Powertrains For Light-Duty Vehicles (ATP-LD)

The goal of Area of Interest 1 is to develop and demonstrate a 50% improvement in overall freight efficiency on a heavy-duty Class 8 tractor-trailer measured in ton-miles per gallon. This improvement will be achieved through the application of advanced vehicle system technologies and advanced engine technologies. At least 20% of the improvement will be through the development of an engine capable of achieving 50% Brake Thermal Efficiency (BTE). Over the 3 to 5 year period of this activity, the selected participants will develop, test, and ultimately demonstrate these advanced technologies on a full-scale vehicle. Responses due 9/9/2009. [Click Here for more details](#) : If you have difficulty accessing the full announcement electronically, please contact: National Energy Technology Laboratory Meghaan Hampton

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DOE Awards \$8 Billion in Loans for Advanced Vehicle Technologies

DOE announced \$8 billion in conditional loan agreements on Tuesday for Ford Motor Company; Nissan North America, Inc.; and Tesla Motors, Inc. to fund the development of advanced vehicle technologies. The loan commitments include a \$5.9 billion loan to Ford for upgrading factories in five states to produce 13 more fuel-efficient models, a \$1.6 billion loan to Nissan to build advanced electric vehicles and advanced batteries, and a \$465 million loan to Tesla Motors to

manufacture its new electric sedan. These are the first conditional loans released under DOE's Advanced Technology Vehicles Manufacturing (ATVM) Loan Program, which is using an open, competitive process to provide about \$25 billion in loans to companies that produce cars or vehicle components in the United States. To qualify, companies must propose projects that increase fuel economy to at least 25% above 2005 fuel economy levels.

Ford Motor Company will receive its loans through 2011, using the funds to upgrade its engine plants in Dearborn, Michigan; Cleveland, Ohio; and Lima, Ohio, and to upgrade its transmission plants in Livonia, Michigan; Sterling Heights, Michigan; and Sharonville, Ohio. Ford will also upgrade its assembly plants in Chicago, Illinois; Louisville, Kentucky; Dearborn, Michigan; Wayne, Michigan; and Kansas City, Missouri, converting two of the truck factories into assembly plants for cars. In addition, the Ford loans will finance advances in traditional combustion engines and electrified vehicles and help raise the fuel efficiency of more than two dozen popular models.

Nissan aims to manufacture a cost-competitive electric vehicle with a lithium-ion battery pack in Smyrna, Tennessee, and plans to eventually reach a production capacity of 150,000 vehicles per year. Tesla Motors will use its funding to finance a California-based manufacturing facility for the Tesla Model S sedan, an all-electric sedan that can be recharged at a conventional 120-volt or 220-volt outlet. Production will begin in 2011 and ramp up to 20,000 vehicles per year by the end of 2013.

Up Coming Events:

| DATE | Location | Details |
|--|--|--|
| <p>Natural Gas Expansion Forum</p> <p>July 22, 2009</p> <p>11am-noon- Registration and Lunch</p> <p>12-2:30 Panel and Presentation</p> | <p>Colorado Mountain College- West Garfield Campus</p> <p>3695 Airport Rd. Rifle, Colorado 81650</p> | <p>Learn about the environmental and cost benefits, tax incentives, area initiatives, conversions (fleets and heavy duty trucks.</p> <p>Panelists from: The Governors Energy Office, Clean Energy, Fuel Tek Conversion Corporation, Westport Innovations and Denver Metro Clean Cities</p> <p>RSVP to: mliinn@lungcolorado.org</p> |
| <p>Southern Colorado Sustainable Communities Technologies Conference and Expo</p> <p>July 31 – Aug 1 2009</p> | <p>Pueblo Convention Center</p> <p>Pueblo, Colorado</p> | <p>Informative speakers, leading "sustainable" product vendors, and cutting edge workshops invite your participation in leading sustainable change.</p> |
| <p>Fueling Your Alternative Fuel Vehicle Fleet</p> <p>August 5, 2009</p> <p>8:30 am- 3:00 pm</p> | <p>Colorado History Museum</p> <p>1300 Broadway</p> <p>Denver, Colorado 80203</p> | <p>Partnering EAct Mandated Fleets and Stakeholders to Deploy More Alternative Fuels</p> <p>RSVP to: mliinn@lungcolorado.org</p> |

Photo courtesy of Impact Images
Photography: www.impactimages.com

Photo courtesy of Deb Roberts, Weatherman Farm

Special guest!
Author of *Farewell, My Subaru*
Presenting: Petroleum Free in
One Year, an Evening with
Doug Fine

*Sustainability
Empowering the Future*

Video presentation from US Senator
Mark Udall. Live presentations from
State Senator Abel Tapia, US Dept. of
Agriculture, Governor's Energy Office,
Colorado Dept. of Local Affairs, and
many local government officials.

Sustainable Technologies Conference and Expo
Hosted by Action 22 Foundation

July 31 - August 1, 2009
Pueblo Convention Center
Pueblo, Colorado

Register now at
www.southerncoloradosustainability.net

Car Allowance Rebate System

President Obama signed into law a program the National Highway Traffic Safety Administration (NHTSA) is calling the Car Allowance Rebate System (CARS). This is a federal program that helps you purchase a new, more fuel efficient vehicle when you trade in a less fuel efficient vehicle.

While the CARS Act makes transactions on and after July 1 potentially eligible for credits under the CARS program, interested dealers and consumers may want to wait until all of the detailed issues that must be addressed in the implementing regulations are resolved and the final rule is issued. Issuance will occur around July 24. Visit www.CARS.gov for more details.

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