



**WEST COAST COLLABORATIVE**  
A public-private partnership to reduce diesel emissions

# West Coast Collaborative Communicator

Spring/Summer 2012

The **West Coast Collaborative (Collaborative)**, staffed by the U.S. Environmental Protection Agency's (EPA) Pacific Southwest Region 9 and Pacific Northwest Region 10 Offices, protects public health by reducing diesel emissions and promoting clean air technologies and practices through public-private partnerships in Western North America. The Collaborative is an ambitious partnership between leaders from federal, state, and local government, the private sector, and environmental groups committed to reducing diesel emissions along the West Coast. Our partners come from all over Western North America, including California, Oregon, Washington, Alaska, Arizona, Idaho, Nevada, Hawaii, Canada, Mexico, and the Pacific Islands that include the Territory of Guam, the Commonwealth of the Northern Mariana Islands (CNMI), and the Territory of American Samoa. The Collaborative is focused on creating, supporting and implementing diesel emissions reductions projects by providing technical assistance and funding opportunities. [More information about the West Coast Collaborative.](#)

## This West Coast Collaborative Communicator Includes:

1. [Upcoming Events](#)
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Please send relevant new announcements, corrections, or other ideas and suggestions to the West Coast Collaborative at [dieselgrants@epa.gov](mailto:dieselgrants@epa.gov)



## [West Coast Collaborative Partners Meeting](#)

[May 30-31, 2012 in Seattle, WA](#)

[Register](#) for our 2012 WCC Partners Meeting today! This meeting will cover a broad range of financing, technology, and policy topics while also discussing successes and challenges in addressing air quality in our communities and pursuing sustainable supply chain strategies. Registration and attendance is **free** to all participants. The meeting will include panels on goods movement and sustainable supply chain strategies, zero- and near-zero-emission technologies, clean vehicle leasing and financing options, and other issues, and tours of the Port of Seattle and Burlington, Northern and Santa Fe Gateways. The WCC Partners meeting will be held at the [Crowne Plaza Hotel](#) in downtown Seattle.

## [Diesel Emission Reduction Act \(DERA\) Funding](#)

National request for proposal is now open. The U.S. Environmental Protection Agency (USEPA) is soliciting proposals nationwide for projects that achieve significant reductions in diesel emissions in terms of tons of pollution produced and diesel emissions exposure, particularly from fleets operating in areas designated by the Administrator as poor air quality areas.

For more information on the DERA RFP, including applicant and project eligibility and other details, please click [HERE](#).

To link directly with the DERA RFP, go [HERE](#)

**Responses are due June 4, 2012 (see RFP for specific time zones)**



## [Upcoming Transportation & Goods Movement Events](#)

### [Plug-in Electric Vehicle Infrastructure USA 2012 Conference and Exhibition](#)

**April 18-19 in San Diego, CA**

The conference will focus on strategies for creating a self-sustainable plug-in electric vehicle infrastructure market. Topics include the government's role and impacts within the electric vehicle industry, understanding the smart grid business model, and strategies to address range anxiety.

### [International Electric Vehicle Symposium and Exposition](#)

**May 6-9, 2012 in Los Angeles, CA**

More than 100 exhibitors, 200 presenters, and approximately 3,000 electric drive industry leaders, government representatives and energy officials are expected at the 26th International Electric Vehicle Symposium at the Los Angeles Convention Center. The event will present the latest developments in the industry and provide consumers opportunities to view and experience electric vehicles.

### [Alternative and Clean Transportation \(ACT\) Expo](#)

**May 15-17, 2012 in Long Beach, CA**

Sponsored by the nation's leading OEMs, fuel suppliers and vehicle technology providers, the ACT Expo is North America's largest alternative fuel and clean vehicle technology event dedicated to all alternative fuel types.

The annual event includes three days of conference sessions, training opportunities, technology and vehicle displays, and a ride-and-drive.

### [Government Fleet Expo & Conference \(GFX\)](#)

**June 18-20, 2012 in Denver, CO**

This is the largest government fleet management event in the nation that targets all levels of public sector fleets. Gain training you can immediately utilize through top-notch educational sessions. Network and learn from those in your industry who share the same challenges as you. See the latest technology, software, vehicles, products, and services first-hand right in the exhibit hall.

### [Hybrid, Electric, and Advanced Truck Users Forum \(HTUF\) National Conference & Expo](#)

**September 18-20, 2012 in Charlotte, NC**

The HTUF is a national, user-driven program to speed the commercialization of hybrid, electric and advanced technologies for the medium- and heavy-duty industries. The HTUF National Conference and expo is the nation's largest forum for advanced technology vehicle manufacturers, vendors, fleets, and other stakeholders to discuss and evaluate the state of the technology.

### [Green Fleets Conference 2012](#)

**October 2-3, 2012 in Schaumburg, IL**

The 2012 Green Fleet Conference provides two days of keynote presentations, workshops, seminars, and panel discussions for fleet professionals that integrate an environmentally-friendly component into their operations. Concurrent sessions are broken up into two tracks, corporate and government to address the specific challenges facing each sector.

### [Directions in Energy Efficiency and Emissions Research \(DEER\) Conference](#)

**October 16-19, 2012 in Dearborn, MI**

The DEER Conference is DOE's primary mechanism for the public exchange of state-of-the-art advanced combustion engine research and development. DEER fosters the exchange of information and best practices through

presentations and posters from new and on-going engine R&D and networking with industry colleagues. At DEER 2012, DOE will showcase its cooperatively funded research and development with its partners, national laboratories, the nation's automotive transportation industry, universities, and other national and international organizations.

**California Air Resource Board (CARB)**  
[upcoming events.](#)

**California Energy Commission (CEC)**  
[upcoming events.](#)

**South Coast Air Quality Management District**  
[upcoming events.](#)

**Calstart** [upcoming events.](#)



## [Professional Development](#)

### [Climate Change and Energy Planning for MPOs: Linking Climate Change Solutions to Other Planning Goals](#)

**May 2012**

This webinar tackles issues such as how to link climate change strategies to other broader planning goals like improved access, mobility, and public health. The webinar is presented by the Association of Metropolitan Planning Organizations.

### [Municipal Equipment Managers Association \(MEMA\) Training](#)

**Ongoing**

MEMA offers training courses in the Los Angeles area for fleet management and maintenance professionals, including Aerial/Truck Hydraulic Systems (April 18-19, 2012), CNG Cylinder safety (May 10, 2012), Hybrid Safety and Maintenance (June 19-20, 2012), and First Responder – Hybrid and Electric Vehicles (June 26, 2012).

### [Green Transportation Workforce Development Training](#)

**Ongoing**

Green Transportation Workforce Development offers extensive programs and classes in the San Jose, CA area covering maintenance, repair, and operation of alternative fuel and advanced technology vehicles. Programs target fleet operators, technicians, educators and the general public.

### [Western States Air Resources Council \(WESTAR\) Training](#)

**Ongoing**

Westar provides training courses throughout the western United States to help air quality professionals develop, implement, and enforce air pollution control strategies. Courses include Air Dispersion Modeling, Advanced New Source Review/Prevention of Significant

Deterioration, Combustion Source Evaluation, and many others.

### [EPA's Air Pollution Training Institute](#)

#### *Ongoing*

EPA's Air Pollution Training Institute conducts about 20 different courses annually in collaboration with participating host agencies/institutions throughout the United States. Courses include Quality Assurance for Air Pollution Measurement Systems, Fugitive VOC Inspections, Air Dispersion Modeling for Permit Engineers and many others.

### [Ozone Advance Webinar](#)

*April 24, 2012*

EPA will host a webinar on Ozone Advance, a new voluntary program that encourages ozone attainment areas nationwide to take near-term, proactive steps to improve air quality and ensure continued health protection over the long term. Actions undertaken as part of the program could result in air quality improvements that provide a buffer against future violations of the ozone standard. Ozone Advance will encourage use of local strategies to reduce ground-level ozone, emphasize coordination with stakeholders, and provide recommendations for state and local air regulators and regional planning organizations. Register for the webinar [here](#).

### [Clean Local Energy Accessible Now \(CLEAN\) Webinar: Helping Utilities Meet Renewable Energy Goals](#)

*April 26, 2012*

This Solar Electric Power Association (SERA) webinar provides information on evaluate, design and implement cost-effective feed-in tariffs and other policies that help utilities meet renewable energy goals and help communities capture clean energy jobs and investment opportunities. The target audiences for the webinar include utility renewable energy program managers; strategic planning; policy and regulatory staff; solar project developers; local and regional state energy policy makers and stakeholders.

### [Electric Utility Consultants, Inc \(EUCI\) Training](#)

#### *Ongoing*

EUCI conducts ongoing on-line training courses for energy sector professionals. Courses include: Stationary Engines Emissions Compliance; Combustion, Emissions, and Efficient Boiler Operations; Solar Power Purchase Agreements and others. EUCI also offers continuing education training as an authorized provider by the International Association for Continuing Education and Training.

### [CARB Compliance Training](#)

#### *Ongoing*

CARB offers the following courses throughout California to facilitate safe and environmentally friendly equipment operation and compliance with air quality regulations:

- Above Ground Storage Tanks
- Advanced Portable Equipment Regulation
- Asbestos: Demolition and Renovation
- Biomass Fired Boilers
- Cal/EPA Basic Inspector Academy
- Coatings: Auto, Metal Parts, and Products
- Comprehensive Continuous Emissions Monitoring
- Fugitive Dust
- Fundamentals of Enforcement
- Gasoline Facilities Phase I and II Seminar
- Industrial Boilers
- In-Station Diagnostics
- Portable Equipment ATCM
- Visible Emission Evaluation Certification

### **East Bay Clean Cities Coalition (EBCCC) Hybrid Vehicle Training**

*May 8-9, 2012*

The EBCCC is offering a two-day class on safety, repair, and maintenance of hybrid vehicles in Fairfield, California. The class will disassemble and reassemble a Toyota Prius. While the class focuses on light-duty hybrids, medium- and heavy-duty vehicles will also be addressed. The class is free to the first ten EBCCC members who enroll and \$400 for all

others. For more information, contact Gary Kramer at [gak55@sonic.net](mailto:gak55@sonic.net).

### [Grant Programs Offer Southern California Technicians Free Training](#)

The Advanced Transportation Technology and Energy program (ATTE) at Cerritos College in California is offering free, grant-funded training for Southern California fleet technicians. Grant funding pays for the full cost of these classes unless otherwise indicated.



### [Government Fleet Launches 'Technician of the Month' Program](#)

*Government Fleet* magazine has launched a new awards program called "Technician of the Month." Each month the magazine will feature a technician on its website and e-newsletter from the submissions it receives from within [Fleet Toolbox](#) (which is free to join for public-sector fleet professionals).

## [Upcoming Funding & Request for Proposal Opportunities](#)

### [National Funding](#)

#### **Zero-Emission Transportation Cargo Demonstration**

***Responses due May 15, 2012***

The U.S. Department of Energy (DOE), National Energy Technology Laboratory is seeking applications for up to \$10 million to accelerate introduction and penetration of electric transportation technology in the cargo transport sector. A maximum of two awards will be made to local governments, ports, air pollution control districts, or metropolitan transportation organizations in the Los Angeles, CA and Houston, TX regions only. Learn more [HERE](#).

#### **Fuel Cell Electric Vehicle Validation Data**

***Responses due May 15, 2012***

DOE's Fuel Cell Technology Program is accepting applications for projects to validate light-duty fuel cell electric vehicle performance and durability. Projects will track the progress of fuel cell electric vehicles for up to five years. Up to \$6 million is available for multiple awards of up to \$2 million each. Learn more [HERE](#).

#### **DOE, Clean Cities Current Funding Opportunities**

Current transportation-related financial opportunities, including Clean Cities funding opportunity announcements (FOAs) issued by the DOE, are listed [HERE](#) when available. For help with the funding process, contact your [local Clean Cities coordinator](#).

#### **DOE Biomass Program**

The DOE's Energy, Efficiency and Renewable Energy Biomass Program is helping transform the nation's renewable and abundant biomass resources into cost-competitive, high-performance biofuels, bioproducts, and biopower. More info [HERE](#).

#### **STAR Program: Anthropogenic Influences on Organic Aerosol Formation and Regional Climate Implications**

***Responses due by: May 3, 2012, noon EST***

EPA's Science to Achieve Results (STAR) program is seeking applications to use measurements to improve understanding of the formation of organic compounds from a mixture of anthropogenic and biogenic emissions. Up to \$2.9 million in total funding is available for multiple grants of up to \$400,000 each. More information [HERE](#).

#### **SmartWay Innovative Financing**

The SmartWay Clean Diesel Finance program aims to accelerate the deployment of energy

efficient and emission control technologies by helping vehicle/equipment owners overcome financial obstacles. To learn more about Innovative Financing options, please contact the SmartWay Call Center at 734-214-4767 or [smartway\\_transport@epa.gov](mailto:smartway_transport@epa.gov). SmartWay also provides a [financial clearinghouse web site](#) with access to private lenders who help carriers obtain a loan for a SmartWay Certified Tractor, SmartWay Certified Trailer or SmartWay approved fuel savings and emissions reducing technologies. The purpose of this site is to efficiently and conveniently disseminate information on financing that is available for purchasing cleaner trucks and trailers, and emissions reducing and fuel saving technologies (such as auxiliary power units). All loan information contained in this site represents private company loans. These are not Federal government loans. More info [HERE](#).

#### **USDA Natural Resources Conservation Service Environmental Quality Incentives Program (EQIP)**

EQIP is a voluntary program that provides financial and technical assistance to agricultural producers through contracts up to a maximum term of ten years in length. These contracts provide financial assistance to help plan and implement conservation practices that address natural resource concerns and for opportunities to improve soil, water, plant, animal, air and related resources on agricultural land and non-industrial private forestland. In addition, a purpose of EQIP is to help producers meet Federal, State, Tribal and local environmental regulations. More info [HERE](#).

#### **Idle Reduction Rebates Available Nationwide through Shorepower Truck Electrification Project (STEP) Rebate Program**

*Rebate requests will be accepted till March 31, 2013.*

The STEP Rebate program, implemented by Cascade Sierra Solutions (CSS), will offer incentives up to 20% of the installed equipment

price or a maximum amount by category for equipment that can hook up to the power grid or operate on battery power to eliminate engine idling. Long-haul truck owners can now [apply on-line](#) at the CSS web site for rebates on idle reduction equipment when they agree to use truck stop electrification (TSE) sites over the next three years.

#### **CSS Financing Programs**

CSS applies for financial assistance on behalf of the trucking community. CSS has secured funding for grants directly to truck owners as well as for funding its Revolving Loan Fund for truckers. Money that goes into the Revolving Loan Fund stays in the fund. When loans are repaid, those funds become available to help other truck owners finance a project. Learn about their programs [HERE](#).

#### **Additional Funding Opportunities: National Idling Reduction Network News**

An extensive list of solicitations for funding and awards is available [HERE](#) in the National Idling Reduction Network Newsletter.

### **State Level Funding**

#### **California – Loan Assistance for Marine Engines and Vessels**

*Ends July 31, 2012*

CARB has up to \$5 million for loans to help small business owners replace their existing, older diesel-powered marine vessels or marine vessel diesel engines with cleaner, less-polluting engines. The program is intended to encourage owners of diesel powered commercial harbor craft to upgrade their marine vessels prior to CARB Commercial Harbor Craft Regulation compliance deadlines. Learn more [HERE](#).

#### **California - Providing Loan Assistance for California Equipment (PLACE) Program**

CARB is funding innovative financing programs to provide fleet owners, particularly small business owners, easier access to loans needed to purchase newer, cleaner vehicles and

equipment. CARB's loan programs offer several options to increase financing accessibility for both on- and off-road fleets, including loans, loan guarantees, and other mechanisms to assist industries affected by CARB regulations. More information is available [HERE](#).

### **California – Truck Lease-to-Own Financing Option**

CARB has partnered with the California State Treasurer's Office to offer Terminal Rental Adjustment Clause (TRAC) leases. TRAC leases are popular with many truck fleets as they provide federal tax advantages and include an option for purchase of the vehicle at the end of the lease term. For more information, see ARB's [TRAC Lease Fact Sheet](#).

### **California – Carl Moyer Program**

Since 1998, CARB's Carl Moyer Program has provided funding for near-term air pollution emission reductions for cleaner-than required heavy-duty engines and emission control devices. More information [HERE](#) or call the [contact person for your district](#) for further information on the Carl Moyer Program. Join the Carl Moyer Program list serve [HERE](#).

### **California – Voucher Incentive Program**

CARB's On-Road Voucher Incentive Program is a streamlined funding mechanism within the Carl Moyer Program that is implemented by local air districts. The goal of the program is to provide vouchers for fleets with ten or fewer vehicles to quickly replace or retrofit their older diesel trucks. Trucks owners can be based anywhere in California. For more information, contact a [participating dealership or retrofit installer](#), or contact the CARB Diesel Hotline at (866)-6DIESEL (866)-634-3735, email [8666DIESEL@arb.ca.gov](mailto:8666DIESEL@arb.ca.gov).

### **California – Hybrid and Zero-Emission Truck and Bus Voucher Incentive Program (HVIP)**

CARB's Hybrid and Zero-Emission Truck and Bus Voucher Incentive Program (HVIP) provides \$12,000 to \$45,000 vouchers on a

first-come, first-served basis for California fleets to purchase hybrid or zero-emission trucks and buses. Available funding, eligible hybrid and zero-emission vehicles, participating dealers, and other program information can be found [HERE](#).

### **California – Alternative and Renewable Fuel and Advanced Vehicle Technology Program**

Assembly Bill 118 provides the CEC approximately \$100 million annually for the Alternative and Renewable Fuel and Vehicle Technology Program to help California meet its climate change goals. Advanced technology vehicle, fuel, infrastructure, manufacturing, and research and development projects are identified in the CEC's annual [Investment Plan](#). More information regarding project solicitations is available [HERE](#).

### **California – California Workforce Investment Board (CWIB) Business Services Resources Catalog**

The CWIB Business Services Resources Catalog identifies grants, tax credits, rebates, reimbursements and other financial resources available to California businesses. Most resources have an environmental focus, including non-toxic dry cleaning incentives, CalRecycle grant programs, environmental justice grant programs, underground storage tank replacement funding, and many others. The existing catalog can be found at the bottom of the [CWIB webpage](#), with a new, updated issue expected in mid-April 2012.

### **Oregon & Washington – The Climate Trust Purchasing High-quality Greenhouse Gas Offset Projects**

*There is no deadline for submitting project proposals. However, the first qualified proposals received are most likely to be funded.* The Climate Trust funds projects by purchasing their carbon dioxide emission reductions. The Climate Trust is actively originating a portfolio of projects that generate carbon credits. \$8 million is available to purchase new, innovative and high-quality greenhouse gas offset projects in the states of Oregon and Washington, as well as other parts

of the United States. More info [HERE](#), or contact [Peter Weisber](#) at (503)-238-1915 x207.

## **Local Level Funding**

### **California Air District Grant Funding**

California's 35 local air districts utilize motor vehicle fees, voter approved bonds, and other revenues to implement a variety of air quality incentive programs. For California air district funding information, visit:

- [South Coast Air Quality Management District](#)
- [San Joaquin Valley Air Pollution Control District](#)
- [Bay Area Air Quality Management District](#)
- [Sacramento Metropolitan Air Quality Management District](#)
- [San Diego Air Pollution Control District](#)
- [Other Air Quality Management and Air Pollution Control Districts](#)

### **San Joaquin Valley Air Pollution Control District, CA - Locomotive Repower Funding Closes May, 25, 2012**

The San Joaquin Valley Air District is seeking applications to repower line-haul, medium horsepower or switch locomotives with \$2 million of available funding. Funds are provided through the Diesel Emission Reduction Act (DERA) from the U.S.EPA.

For more information or to apply, contact the District's Grants program at 559-230-6000 or visit [HERE](#), or contact the Air District regional office in Fresno (559-230-6000), Modesto (559-557-6400) or Bakersfield (661-392-5500).

### **South Coast Air Quality Management District, CA – Air Pollution Reduction Projects in Coachella Valley Closes June 8, 2012**

The South Coast Air Quality Management District has released a \$53 million request for a variety of emission reduction projects in the Coachella Valley, including school bus and heavy-duty truck retrofit or replacement, truck

stop electrification, school air filtration systems, renewable-energy power projects, and infrastructure improvements such as installing electric vehicle charging or compressed natural gas fueling stations. The RFP can be found [HERE](#).

### **South Coast Air Basin, CA – Mobile Source Emissions Reduction Review Committee, CA**

– The Mobile Source Air Pollution Reduction Review Committee's (MSRC) has more than \$26 million in funding available for the several projects in the South Coast Air Basin, including: *Alternative Fuel Engines for Heavy-Duty Vehicles* (\$2 million, due June 1, 2012); *Local Government Match Program* (\$6.5 million, due June 8, 2012); *Major Event Center Transportation Programs* (\$2 million, due September 28, 2012); *Near-Zero Emission Medium-Duty Vehicle Incentives* (\$2.5 million, due September 28, 2012); and *Alternative Fuel Infrastructure Program* (\$4 million, due September 28, 2012). The solicitations can be found [HERE](#).

### **Ports of Los Angeles and Long Beach, CA – San Pedro Ports Funding Opportunities**

The Ports of Los Angeles and Long Beach offer various funding opportunities to demonstrate and deploy port trucks, cargo handling equipment, marine vessels and locomotives. More information can be found [HERE](#).

### **Puget Sound, WA – ScRAPs Incentive Program to Remove Old Trucks**

The Seaport Truck Scrapage and Retrofits for Air in Puget Sound (ScRAPs) program offers an incentive to remove the pre-1994 engine trucks from service early and offers late-model trucks to replace them. With approximately \$5 million in funds available, up to 400 of the oldest trucks could be scrapped by the end of 2011. More information [HERE](#), or contact Cascade Sierra Solutions at (866)-345-3390 x234.

## **Private Funding**

### **Funders Network**

This is an active resource and focal point for foundations, nonprofit organizations and other partners working to solve the environmental, social, and economic problems created by suburban sprawl and urban disinvestment. More info [HERE](#).

### **The Foundation Center**

The purpose of the Foundation Center is to facilitate connections between grantmakers and grantseekers and offers a variety of resources and tools to accomplish this goal. More info [HERE](#).



## **Rules & Regulation Updates**

### **CARB Adopts Advanced Clean Car Program (LEV III)**

On January 27, 2012, the CARB Board unanimously approved a package of new emissions rules for cars and light trucks for model years 2017 through 2025. The Advanced Clean Cars Program combines the control of smog-causing pollutants and greenhouse gas emissions into a single coordinated package of requirements. The new rules will clean up gasoline and diesel-powered cars, and deliver increasing numbers of zero-emission technologies, such as full battery electric cars, newly emerging plug-in hybrid electric vehicles and hydrogen fuel cell cars. The program was developed in tandem with the federal government over the past three years, and responds to the desire for a single national program for manufacturers. The ZEV regulation will result in over 1.4 million ZEVs on the road by 2025 (15.4 percent of new vehicle sales in that year) in order to be on track to reach the 2050 greenhouse gas reduction goal. A transitional model – the plug-in hybrid car – will play a significant role over the next 20 years, but by mid-century, 87 percent of cars on the road will need to be full zero-emission vehicles to achieve California’s climate goals for 2050. More information is available [HERE](#).

### **Regulation to Align California and National On-Road Heavy-Duty Greenhouse Gas Standards**

On July 26, 2012, CARB will consider adopting U.S. EPA’s greenhouse gas emission requirements for new on-road heavy-duty vehicles and engines, beginning with the 2014 model year. More information can be found [HERE](#).

### **CARB Published Truck and Bus Rule FAQs**

CARB has published frequently asked questions and their responses regarding NOx exempt area extensions on its Truck and Bus Regulation [FAQ webpage](#). Other subject areas include PM Filter Phase-In Option and Credits, Small Fleet Options, Agricultural Vehicle Options, and others.

### **California Heavy-Duty Vehicle On-Board Diagnostics (OBD) Regulation Workshop**

CARB staff held a public workshop on March 28, 2012 to discuss amendments to its Heavy-Duty Vehicle OBD regulations. ARB’s existing regulation requires hybrid and alternative fueled heavy-duty vehicles achieve full OBD compliance by 2013 and 2020, respectively. CARB staff’s Workshop Report would provide flexibility for hybrid vehicles to comply by 2014, while revising the alternative fueled vehicle compliance date to 2016. The

heavy-duty OBD amendments are scheduled to be considered by the Board on July 26, 2012. Additional information can be found [HERE](#).

### **California Amendments to Retrofit Verification Procedure Regulation**

On June 28, 2012, CARB will consider proposed amendments to its verification procedure, warranty and in-use compliance requirements for diesel engine retrofits. Proposed changes are intended to reduce verification costs for retrofit manufacturers, protect purchasers from potentially defective products, and make other changes to streamline and strengthen the program. Additional information can be found [HERE](#).

### **Update on California's Greenhouse Gas Cap-and-Trade Program**

On March 27, 2012, CARB Chairman Mary Nichols provided an update on California's Cap-and-Trade Regulation to the California Senate's Select Committee on the Environment, the Economy, and Climate Change. Chairman Nichols testimony can be found [HERE](#).

### **California Cap-and-Trade Regulation to Link with Western Climate Initiative (WCI)**

CARB will consider amendments to its Cap-and-Trade Regulation on June 28, 2012 to consider linking and harmonizing with Quebec's cap-and-trade program, including ability to trade compliance instruments. Other WCI partner cap-and-trade programs are under development or consideration. More information can be found [HERE](#).

### **The South Coast Air Quality Management District Rule and Control Measure Forecast**

On March 2, 2012, the South Coast AQMD released its updated rule development and adoption schedule for 2012. South Coast AQMD rules set emissions requirements for a variety of stationary, area, and mobile sources, including solvents, refineries, refueling stations, vehicle fleets, and many others. The district's rulemaking schedule can be found [HERE](#).



## **News & Information**

### **Obama Administration Launches DOE's EV Everywhere Challenge**

On March 7<sup>th</sup>, the Obama Administration launched DOE's EV-Everywhere Challenge, allowing scientists, engineers, and businesses to collaborate to make electric vehicles (EV) more affordable than gasoline-powered vehicles in 10 years. The challenge is part of a strategy to help reduce dependence on foreign oil. The DOE initiative, which will bring together DOE's Office of Energy Efficiency and Renewable Energy's Vehicle Technologies Program, its Office of Science, and its Advanced Research Projects Agency—Energy (ARPA-E), will aim to make electric vehicles affordable. The team will target dramatic

technological and cost improvements in batteries, electric motors, power electronics, lightweight structures, and fast-charging technology. The goal is to enable U.S. companies to be the first to produce a 5-passenger affordable EV with a payback time of fewer than 5 years. More information is available [HERE](#).

### **Obama Administration Announces New Funding for Biomass Research and Development**

On March 22<sup>nd</sup>, the Obama Administration announced up to \$35 million over three years to support research and development in advanced biofuels, bioenergy and high-value biobased

products. The projects funded through the Biomass Research and Development Initiative – a joint program through the U.S. Department of Agriculture (USDA) and the DOE – will help develop economically and environmentally sustainable sources of renewable biomass and increase the availability of renewable fuels and biobased products that can help replace the need for gasoline and diesel in vehicles and diversify our energy portfolio. Read the press release [HERE](#).

### **President Announces \$14.2 million to Develop Lightweight Materials for Advanced Vehicles**

On March 22, President Obama announced a new \$14.2 million effort at the Department of Energy to accelerate the development and deployment of stronger and lighter materials for advanced vehicles that will help reduce U.S. dependence on foreign oil, save drivers money, and limit carbon pollution. This funding will support the development of high-strength, lightweight carbon fiber composites and advanced steels and alloys that will help vehicle manufacturers improve the fuel economy of cars and trucks while maintaining and improving safety and performance. Read the press release [HERE](#).

### **DOE Awards More Than \$5 Million to Reduce Cost of Advanced Fuel Cells**

On March 27, 2012, DOE announced an award of over \$5 million for two projects – led by 3M Company in St. Paul, Minnesota, and Eaton Corporation in Southfield, Michigan – to lower the cost of advanced fuel cell systems by developing and engineering cost-effective, durable, and highly efficient fuel cell components. The award press release can be found [HERE](#).

### **DOE Seeks Comment on Federal Fleet Fuels Plans**

The DOE began the public comment period on its plans for reducing gasoline use in federal agencies' fleets and increasing their use of alternative fuels. The [proposal](#) was published in the federal register on March 12, 2012. The

DOE's proposed rules relate to implementing Energy Independence and Security Act of 2007 (EISA), which directed the U.S. Secretary of Energy to issue implementing regulations that will bring about these changes. The original rule sets gasoline reduction targets of 20 percent by 2015 (which started in 2010). The new proposal sets guideline for milestones, but requires agencies to detail how they would reach the milestones and overall, mandatory reduction targets. The bill would also require each federal organization with a fleet to increase its alternative-fuel use by 10 percent 2015, relative to a 2005 baseline.

**Argonne National Laboratory Transportation Technology Research and Development Center news** can be found [HERE](#).

### **IdleAir: Two New Locations Open in Arizona**

IdleAir has opened two new sites along I-10 in Eastern Arizona, one adjacent to Love's Travel Stop in Benson, and the other at Sunmart in San Simon. IdleAir technology provides for cab comfort, electricity and other amenities without the need to idle the truck engine, thus reducing air emissions and fuel costs. IdleAir provides these services through the Service Module, which includes a color touch-screen control, heating/cooling vent, electrical outlets, and telecommunication ports. The Service Module fits into the cab window. According to IdleAir, the company now operates 26 sites, with nearly 2,000 installed parking spaces, in 12 states. In 2012, IdleAir plans to add at least 10 new sites on key trucking corridors in California, Ohio, Louisiana, Virginia, and Pennsylvania, as well as the cities of Houston, Dallas, and Denver. For more information, visit: [www.idleair.com/news](http://www.idleair.com/news).

### **\$120 Million Settlement to Fund Electric Car Charging Stations in California**

On March 23, 2012, California Governor Jerry Brown announced a \$120 million dollar settlement with NRG Energy Inc. that will fund the construction of a statewide network of

charging stations for zero-emission vehicles, including at least 200 public fast-charging stations and another 10,000 plug-in units at 1,000 locations across the state. The settlement stems from California's energy crisis. The Governor's press release is available [HERE](#).

### **Two New Car Models Eligible for California Clean Vehicle Rebate Project (CVRP)**

The California Center for Sustainable Energy has announced the plug-in hybrid 2012 Toyota Prius and 2012 Chevrolet Volt with Low-Emissions Package are now available for a \$1,500 CVRP rebate. (The standard 2012 Volt is not eligible.) The CVRP offers rebates of up to \$2,500 on a first-come, first-served basis for purchase of zero-emission and plug-in hybrid passenger vehicles, zero-emission motorcycles, and neighborhood electric vehicles. The CVRP is part of CARB's AB 118: Air Quality Improvement Program. The full list of CVRP-eligible vehicles is available [HERE](#).

### **Additional CVRP Funding Available in the San Joaquin Valley**

The San Joaquin Valley Air Pollution Control District is providing additional CVRP rebate funding of up to \$3,000 per clean air vehicle for residents and businesses in the San Joaquin Valley. Vehicle purchasers in the Valley could receive up to \$5,500 in total rebate funding when this rebate is combined with California CVRP rebates of up to \$2,500 per vehicle. More information is available [HERE](#).

### **Clean Diesel Automobiles Expected to Meet California Clean Car Standards**

The new Advanced Clean Cars program officially adopted by CARB this January

establish the world's most stringent tailpipe and greenhouse gas emissions standards for new passenger vehicles between the 2017 and 2025 model years. New cleaner diesel automobile engines, which are typically more fuel efficient than comparable gasoline engines, could become more common on California roads as automakers turn to the technology to meet the CARB mandate. More information is available [HERE](#).

### **Port of Los Angeles Hosts Pacific Ports Clean Air Collaborative Conference**

Conference participants discussed strategies for greening the supply chain, combating climate change, identifying business opportunities for environmental innovation, and Corporate Social Responsibility approaches to partnering with communities for responsible port development. This third annual international conference drew participants from the Pacific Rim, Asia, the Americas, Australia, and Europe. More information is available [HERE](#).

### **Coalition for America's Gateways and Trade Corridors (CAGTC) Bulletin**

The CAGTC Bulletin describes the latest CAGTC activities, federal proceedings, and upcoming events. The most recent CAGTC Bulletin can be found [HERE](#).

### **The 100 Best Fleets Retreat**

The 100 Best Fleets sponsored its first fleet retreat on Jan. 26-27, 2012 in Santa Fe, New Mexico to discuss public vehicle and equipment challenges and solutions. More information can be found [HERE](#).



## **New Reports & Tools**

### **EPA Publishes Guide on Landfill Gas Energy for Local Governments**

EPA's State and Local Climate and Energy Program and Landfill Methane Outreach Program have released a final version of [\*Landfill Gas Energy: A Guide to Developing and Implementing Greenhouse Gas Reduction Programs\*](#). Learn how communities can achieve energy, environmental, health, and economic benefits by using landfill gas (LFG) recovered from municipal solid waste landfills as a source of renewable energy. It is designed to be used by local governments, regulatory and planning agencies, developers, contractors, project partners, energy service companies, and end users, including business and industrial customers who work with project owners. Readers of the guide will learn about options to recover and use LFG from landfills, and get a clear idea of the steps and considerations involved in developing and implementing LFG projects as well as the expected costs and financing opportunities.

### **U.S. Department of Defense (DOD) Unveils Electric Vehicle Program Plans**

The U.S. Department of Defense has released its pilot Plug-in Electric Vehicle program to develop its own knowledge base and skills to then implement its own larger scale PEV program within its non-tactical fleets. The program seeks to identify vehicle types where DOD operates many vehicles and in which price-efficient PEVs would lower cost, evaluate right-sizing of battery packs, identify revenue generation opportunities from vehicle-to-grid technology, and opportunities to reduce costs with careful infrastructure planning. Each DOD service branch has independent alternate-fuel vehicle plans that include PEVs. At the end of the analysis, each service will determine the extent of PEV implementation into its fleet. More information is available [HERE](#).

### **U.S. General Services Administration (GSA) Expands List of Eligible Alt-Fuel Vehicles**

The GSA has expanded the list of alternative-fuel vehicles that can be purchased through the GSA's AutoChoice, the agency's online ordering tool, and doubled the number of "emerging technology" listings from seven last week to fourteen. New emerging technology vehicle contracts have been awarded to Central Truck Center, Inc. (electric utility truck, electric stake bed truck, and electric dump truck), Electric Vehicle International (EVI) (electric utility vehicle, two electric walk-in vans, and an electric stake bed truck), and K. Neal International Trucks, Inc. (eStar electric multi-stop van). A new electric truck item has been awarded to RP Automotive for the Boulder EV. Close-out date for the new vehicles is August 31, subject to change. The full list of GSA-eligible vehicles is [HERE](#).

### **DOE Guide for Submission of Unsolicited Proposals**

The DOE has published a guide for submission of unsolicited funding proposals. An unsolicited proposal is an application for funding made on the proposer's initiative and not in response to a formal government solicitation. DOE considers unsolicited proposals in all areas of energy and energy-related research and development with emphasis on long-term, high-risk, high-payoff technologies. The DOE guide can be found [HERE](#).

### **DOE Alternative and Advanced Vehicle Center**

DOE's [Alternative and Advanced Vehicle Center website](#) includes searchable light- and heavy duty vehicle databases that enable users to browse for commercialized and near-commercialized alternative-fueled and advanced technology vehicles. Users can review available vehicles by manufacturer,

fuel/technology type, and vehicle class (light-duty) or vocation (heavy-duty). The light-duty vehicle database includes a cost calculator to calculate fuel savings for each vehicle based upon the users driving habits.

### **March 2012 Study: High Diesel-Exhaust Exposure Linked to Lung Cancer**

A study performed by researchers from the National Cancer Institute (NCI) and the National Institute for Occupational Safety and Health (NIOSH) has found a relationship between exposure to high levels of diesel exhaust and the development of lung cancer among workers in underground mines. The *Journal of the National Cancer Institute* published two articles on the results of this study in early March. For more information, see the [Press Release](#) or study's [Q & A](#).

### **Transportation Energy for the Future – A Guide for Policymakers**

The National Conference of State Legislatures has published [Transportation Energy for the Future – A Guide for Policymakers](#) to provide state policymakers and others with an overview of the many options available as they work toward the long-term transportation energy solutions. The guide explores the options available to policymakers as they address energy security and economic development, and move toward development and utilization of a more diverse fuel supply.

### **California – CoolCalifornia.org Funding Wizard**

CoolCalifornia.org was developed by California government agencies, universities, and Next10, a non-profit organization, to provide tools needed to take action to combat climate change. The CoolCalifornia.org Funding Wizard allows users to browse or search a database of over 400 funding projects or programs that help combat climate change. Access the Funding Wizard [HERE](#).

### **CoolCalifornia.org Carbon Calculator and Case Studies**

This on-line tool enables individuals, small businesses, local governments, and schools to calculate their carbon footprint. The calculator enables entities to assess the relative impact of their transportation, housing, shopping, and other choices on carbon emissions. The carbon calculator can be found [HERE](#).

CoolCalifornia.org has also published case studies describing how dozens of [small businesses](#), [local governments](#), and [schools](#) have saved money by implementing efficiencies to reduce greenhouse gas emissions.

### **Clean Cities 2012 Vehicle Buyers Guide**

The [Clean Cities 2012 Vehicle Buyers Guide](#) - published in April 2012 - provides information to help fleets and consumers explore car and light truck technology purchase options, including hybrids, flex-fuel vehicles, and vehicles that run on natural gas, propane, electricity, or biodiesel. The 2012 guide features vehicle-specific information on engine size, price, fuel economy, and emissions.

### **Kentucky Clean Fuels Coalition Resources Update**

The [Kentucky Clean Fuels Coalition](#) provides updates on national funding opportunities for public and private fleets, including Federal Transportation Administration grant solicitations and other opportunities. The Kentucky Clean Fuels Coalition is a national leader in building partnerships between providers and users of alternative-fueled and other clean vehicles and raising awareness about the benefits of those technologies. The coalition has helped Kentucky school districts to purchase [over 200 hybrid-electric school buses](#) since 2009.

### **The Climate Group Electric Vehicle Deployment Tool**

The Climate Group has published [Plugged-In Fleets: A Guide to deploying Electric Vehicles in Fleets](#). The report identifies a number of practical tools that fleet decision makers need

to assess the benefits electric vehicles can deliver. The Climate Group is a non-profit organization that works with governments, businesses, and other stakeholders in Europe, Asia, and North America to push the policies

and technologies needed to address climate change in a commercially viable way. More information can be found [HERE](#).



## Links & Resources

### Federal

[EPA Clean Diesel Initiatives](#)

[EPA SmartWay Program](#) updated resources

include [Program Highlights](#), [A Glance at Clean Freight Strategies](#) (11 fact sheets), and [Savings Calculator](#).

[DOE's National Renewable Energy Laboratory's Alternative Fuels and Advanced Vehicles Data Center](#) offers tools such as the light duty vehicle research tool, fuel properties identifier, [Electrified Truck Parking Nationwide Locator](#), and the [Incentives and Laws Database](#).

[DOE National Idling Reduction Network News \(monthly\)](#)

[DOE Argonne National Lab's Idling Publications](#)

[DOE Transportation Infrastructure Finance DOT Congestion Mitigation and Air Quality Program](#)

[Short Term Energy Outlook](#) is published by the US Energy Information Administration monthly, and is predicting increased cost for diesel in 2012 over 2011. Current average diesel prices by region are available [HERE](#).

### State

[CARB's Truck Stop Website](#) provides information on clean air requirements that affect heavy-duty diesel vehicles operating in California, as well as [financial opportunities](#).

[CARB Idle Reduction Program](#)

[CARB Diesel Information](#)

[CARB Idle Reduction Program](#)

[Washington Department of Ecology Air Quality Program Diesel Exhaust Information](#)

### Local

[California Local Air District Directory](#)

[Port of Seattle Clean Trucks Program](#)

[Puget Sound Clean Air Agency Diesel Solutions](#)

### Non-Governmental Organizations

[American Transportation Research Institute \(ATRI\) Compendium of Regulations](#)

[Western Sustainability & Pollution Prevention Network - Resource for Fleet Managers](#) webpage for fleet managers includes resources for operational approaches for greening fleets, basics of alternative fuels, regulations affecting fleet purchasing, etc.

## Private

[Trucking Industry Mobility & Technology Coalition](#)

[Car Lines](#)

[America's Marine Highways \(AMH\)](#)



**WEST COAST COLLABORATIVE**

A public-private partnership to reduce diesel emissions

[www.westcoastcollaborative.org](http://www.westcoastcollaborative.org)

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