

Dear West Coast Collaborative Partners,
Below contains upcoming events, funding opportunities, recent funding, regulations, research, and other news that may be of interest. Enjoy!

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Upcoming Events

2021 Green Transportation Summit and Expo and West Coast Collaborative Partners Meeting

Join us for the 2021 Green Transportation Summit and Expo (GTSE) and the U.S. Environmental Protection Agency's (EPA's) West Coast Collaborative Partners Meeting, taking place August 16-18, 2021 at the Greater Tacoma convention Center in Tacoma, WA. In-person and virtual options are available!

About the Show:

The 10th annual Green Transportation Summit and Expo is the region's premier clean transportation convening event. The GTSE focuses on the clean fleet at the intersection of policy, technology, practice, equity, and the future of mobility with a regional focus and national lens.

There has not been a time when clean transportation has had as much potential. With this year's theme of Reflecting + Refocusing on a Resilient Future, we are giving particular attention to recent events affecting our communities and livelihood. We will be creating space to ensure these critical topics are addressed.

Registration:

West Coast Collaborative partners can receive complimentary registration [by going here](#) and entering the promo code "WCCPMA"; this can be applied towards the "GTSE Standard" and "GTSE Virtual Standard" options. Limited number available so act soon!

For Information About Registration, Please Contact Hannah at:
503.226.2377 or email Hannah@socialenterprises.net

Webinar: Healthy Air: Indoors and Out

A free webinar in Spanish and English on how to protect your home and family from air pollution.

Date: August 12, 2021

Time: 12:00-1:00 PM PT

Host: US EPA, Region 9

Join the U.S. EPA to learn about indoor and outdoor air pollution in the U.S.-Mexico border region and what you can do to protect your home and community. Presenters will share information on common air pollution sources, potential health impacts from poor air quality, and tips and tricks for creating safe environments. All members of the public are welcome!

Register Today:

https://www.zoomgov.com/webinar/register/WN_eXtAcrTZR2uoB3YkPLMRkw?timezone_id=America%2FLos_Angeles

For more information, please contact Francisco Dóñez at Donez.Francisco@epa.gov.

Recorded presentations in English and Spanish for the following topics will be available at <https://westcoastcollaborative.org/>

- 1: Outdoor Air Pollution in the U.S.-Mexico Border Region: Information and tips about reducing pollution and protecting your family and community
- 2: Where does outdoor PM come from?
- 3: How to address outdoor PM in your area
- 4: Indoor Air Pollution in the U.S.-Mexico Border Region Information and tips about reducing pollution and protecting your family and community
- 5: How does PM get inside your house?
- 6: How to decrease PM in your home

Funding Opportunities

EPA Shares Updates on DERA School Bus Rebate Program

Jason Wilcox, a representative from the [U.S. EPA's](#) Legacy Fleet Incentives and Assessment Center, details several [changes to the program](#), including caps on rebate amounts.

The Federal Transit Administration (FTA) announces the opportunity to apply for \$16.3 million in competitive grants for the Fiscal Year 2021.

FTA announced a Notice of Funding Opportunity for \$16.3 million in competitive grant funding for projects that help lift communities out of poverty by supporting transit service improvements in underserved communities. FTA's Areas of Persistent Poverty Program supports planning, engineering and technical studies or financial planning to improve transit services in any areas experiencing long-term economic distress, in rural and urban communities alike. It can also fund the planning or studies of low and no emissions transit vehicles and associated infrastructure.

[Notice of Funding Opportunity for Areas of Persistent Poverty Program](#)
[Areas of Persistent Poverty Program](#)
[President's Executive Order 13985](#)
[Press Release](#)

California Air Resources Board expands eligibility for school bus replacement

The California Air Resources Board (CARB) has [expanded eligibility](#) for funding from California's Lower-Emission School Bus Program. The funds can now be used to replace school buses with a model year 20 years old or older.

Department of Energy Seeks Public Feedback on Removing Barriers to Participation in Funding Programs. Responses are due August 6, 2021 by 5:00 p.m. ET.

The U.S. Department of Energy (DOE) is [releasing a request for information](#) to understand the current barriers and actions needed to make its funding opportunities and innovation and entrepreneurship activities more inclusive, just, and equitable, in line with the Administration's climate goals.

Recent Funding

Volvo Trucks awarded \$21.7M from U.S. EPA, South Coast AQMD

This [Targeted Airshed Grant](#) from the U.S. EPA Region 9 enables [Volvo to deploy 70 Class 8 VNR electric zero-emission trucks to Southern California fleet operators](#) starting in 2021 through the third quarter of 2022, allowing for at least a full year of operations by the end of 2023.

DOE/ DoD/ DHS Hydrogen Fuel Cell Disaster Relief Truck Demonstration

The U.S. Departments of Energy, Department of Defense and Homeland Security recently provided a [\\$1 million award to Cummins, Inc.](#) for the H2 Rescue demonstration project involving a hydrogen fuel cell truck that will travel to disaster relief sites and provide on-site power, heat, and water.

Policies and Regulations

Biden Proposes \$174B for Electrification

The [American Jobs Plan](#) proposes building out EV charging infrastructure and electrifying transit buses, school buses, and the U.S. Postal Service.

Federal Bill Would Invest \$25B in School Bus Fleet Electrification

The [Clean Commute for Kids Act](#) would authorize the U.S. EPA and Department of Energy to provide grants to replace existing buses with zero-emission buses over the next 10 years.

Hawaiian Electric Fleet to Be All-Electric by 2035

Hawaiian Electric, the utility company in Hawaii, said it will make its fleet of passenger cars, SUVs, light pickups, and minivans to be [plug-in electric by 2035](#), joining the growing number of electric vehicles on Hawaii roads, which is currently at 12,000.

California proposes to enact zero-emission mandate for commercial vehicles

The California Air Resources Board (CARB) has released the final draft of the [Advanced Clean Trucks standard](#). The [latest proposal](#), which is stronger than previous drafts, is the first in the nation that would create a zero-emission mandate for trucks.

CARB provides update to HD I/ M pilot program and On-Board Diagnostics specifications

Parameters, goals, and results of the [SB2 10 pilot program](#) were discussed during a webinar as stakeholders gave feedback, asked questions, and raised concerns.

Updated rules will enable deployment of public heavy-duty EV charging stations in California

Volvo Trucks has been collaborating with the South Coast Air Quality Management District and 13 other organizations on the [Volvo UGHIS project](#), which aims to develop a blueprint to introduce battery-electric Class 8 trucks and equipment into the market at scale. Now Volvo Trucks, along with project partners CALSTART, Trillium and Greenlots, has helped facilitate the modification of California utility rules to allow private entities to sell electricity at publicly accessible charging stations for medium- and heavy-duty EVs.

News, Reports, and Research

CARB approves \$29 million investment in two clean-vehicle programs

The California Air Resources Board (CARB) has approved [\\$28.64 million in new funding](#) to support [two statewide incentive programs](#) aimed at bringing clean vehicle technologies to low-income and underserved communities. California's [Hybrid and Zero-Emission Truck and Bus Voucher Incentive Project](#) (HVIP) provides incentives to purchase low-emission medium- and heavy-duty trucks, and Clean Cars 4 All incentivizes lower-income California drivers to scrap their older, high-polluting cars and replace them with EVs or hybrids.

SoCalGas to Test Tech That Could Transform Hydrogen Distribution

A [new device](#) separates hydrogen from natural gas when the two gases are blended in pipelines.

RFF Study - Targeted Vehicle Scrappage Subsidies Can Reduce Pollution Effectively

[Recent research](#) by Resources for the Future (RFF) shows that incentives to scrap old vehicles can be more effective by targeting high-emission models that would otherwise stay on the road.

NACFE releases sweeping fuel cell truck guidance report

The [latest report](#) breaks down the [complex challenges](#), such as developing infrastructure, and enticing benefits, like the extended range, of hydrogen fuel cell technology in the freight transportation sector.

NACFE identified top regions ripe for electric trucks

[Based on the data](#), several states and regions can now support electric truck deployments for regional hauls, and NACFE is providing [a free framework](#) for fleets to take advantage.

How far can a fuel cell delivery van travel? Recent tests yield promising results

Center for Transportation and the Environment (CTE) is currently working with UPS and other project partners to develop a cutting-edge [hydrogen fuel cell electric delivery van](#). Recent validation testing has demonstrated that a fully-loaded van can travel 169 miles.

Electrification Coalition Report: Freight Electrification Pathways

The Electrification Coalition released [a new report](#) that identifies actionable [solutions to freight electrification](#).

Electric tanker ship to be powered by a 3.5 MWh battery pack

Cargo ships, powered by heavy fuel oil with a high sulfur content, are some of the largest and most polluting vehicles on the planet, so electrifying them could be very cost-effective in terms of reducing air pollution. Last year, a consortium of Japanese companies [announced a collaboration](#) to develop an all-electric oil tanker.

Heavy Payloads and Commercial EV Range —a Real-World Test

How efficient is an [all-electric Class 6 delivery truck](#) in its regular duty cycle with payloads up to 11,000 lbs.? Weight is less of an EV range inhibitor than you'd think.

Daimler launches charging infrastructure program for electric trucks

The E-Mobility Group of Daimler Trucks & Buses is [launching an initiative](#) to develop a charging infrastructure for electric trucks. The eTruck Charging Initiative will begin by focusing on charging stations at the depots of truck customers in the US and Europe.

Elon Musk: Tesla to open EV charging network to rivals

Elon Musk has [released more details](#) about how non-Tesla electric car owners are going to be able to use the Supercharger network once the automaker opens it up later this year.

VW begins battery recycling pilot

Volkswagen (VW) has opened its first [EV battery recycling facility](#) to recover raw materials such as lithium, nickel, manganese and cobalt in a closed loop, together with aluminum, copper and plastics, achieving a recycling rate of more than 90% over the long term.

BNSF Railway and Wabtec begin battery-electric locomotive pilot in California

BNSF Railway and Wabtec, a provider of equipment, systems and services for freight and transit rail, have collaborated to develop a battery-electric locomotive. Now they have begun [testing the technology](#) in revenue service between Barstow and Stockton, California.

Tools and Resources

Zero Emission Vehicle Station Permitting Guidebooks

Curated by the California Governor's Office of Business and Economic Development (GO-Biz).

[EV Charging Stations](#)

[Hydrogen Stations](#)

New Tool Helps Fleets Analyze EV Adoption Options

The Electrification Coalition has developed a [free customizable method](#) to provide fleet managers the data they need to move ahead with electric vehicles.

About the West Coast Collaborative (WCC)

The WCC, staffed by the U.S. Environmental Protection Agency's (EPA's) 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, local and tribal 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, Asian Pacific regions, and Pacific Islands that include the territories of Guam, Commonwealth of the Northern Mariana Islands, and American Samoa. The Collaborative is focused on creating, supporting and implementing diesel emissions reductions projects by providing technical assistance and funding opportunities. Visit us at [http:// www.westcoastcollaborative.org/](http://www.westcoastcollaborative.org/)