



The goal of the Collaborative is to leverage federal funds to strategically reduce emissions from the most polluting diesel sources in impacted communities. The Collaborative seeks to improve air quality and public health by targeting the highest polluting engines with the most cost effective control strategies.

DERA 2011: Reducing Diesel Emissions from Trucks at Bay Area Ports

The West Coast Collaborative (WCC) is pleased to announce the Bay Area Air Quality Management District's (BAAQMD) completion of 54 truck replacements at the Port of Oakland. This project was implemented with a grant of \$1,557,987 in Diesel Emissions Reduction Act (DERA) funding from the U.S. Environmental Protection Agency (EPA).

What is this project?

EPA awarded DERA funding to BAAQMD to replace model year 2003 or older heavy-duty trucks in operation at or near the Port of Oakland with newer, cleaner trucks powered by engines that meet or exceed EPA's 2007 emission standards. Truck owners also provided more than \$2.1 million toward the cost of the new trucks. The newer, cleaner trucks will reduce diesel emissions from trucks that operate in or near in communities with significant air quality problems. This funding also allowed independent owner and operators make environmental improvements to their trucks that they could not otherwise afford.

Why is this project important?

This project will help reduce particulate matter from heavy-duty trucks. The Port of Oakland is the fifth busiest port in the United States, with thousands of trucks travelling in and out of the Port daily. These replaced trucks operate in the vicinity of the Port of Oakland and among major transportation corridors, thus this project will achieve significant emission reductions in the most highly impacted communities of the Bay Area. By incentivizing the turnover of older, higher polluting trucks with newer, lower emission trucks, the drivers are able to continue their operations.

What are the environmental and health benefits?

The 54 truck replacements will reduce an estimated 370 tons of NOx, 13.14 tons of PM, 16.9 tons of hydrocarbons, and 116 tons of carbon monoxide emissions over the project life, or 5 years. Residents who live near the Port are exposed to high levels of particulate matter and other harmful emissions. This project will reduce these emissions, thereby improving air quality around the Port and helping to protect the health of its residents.

How is this project funded?

The West Coast Collaborative provided \$1,557,987 in DERA grant funds toward the project. Truck owners also contributed over \$2.1 million toward the cost of the replacement trucks.

What is the West Coast Collaborative?

The West Coast 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. Partners come from all over Western North America, including California, Oregon, Washington, Alaska, Arizona, Idaho, Nevada, Hawaii, Pacific Island Territories, Canada and Mexico. The Collaborative is part of the National Clean Diesel Campaign (www.epa.gov/cleandiesel).

How can I find out more about the Collaborative?

For more information, on the West Coast Collaborative, please visit www.westcoastcollaborative.org.