



WEST COAST COLLABORATIVE

A public-private partnership to reduce diesel emissions

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 2012: Oregon Department of Environmental Quality Cargo Handling Exhaust Control Upgrades

Under the National Clean Diesel Grant Program, the U.S. EPA West Coast Collaborative awarded the Oregon Department of Environmental Quality \$132,207 in funding to reduce diesel emission by retrofitting six (6) port cargo handling equipment.

What is the Project?

The Oregon Department of Environmental Quality (ODEQ) in partnership with NW Container Services Inc. will retrofit six cargo handling vehicles with EPA or CARB certified active diesel particulate filters. NW Container Services Inc. provides containerized transportation services for intermodal freight services throughout the northwest.

Why is this project important?

The project will reduce diesel pollution in Portland's a hub of intermodal, local and interstate freight movement activity. This industrialized area of North Portland is adjacent to communities and this emission reduction project aligns with ODEQ's goal to reduce excess exposure to air toxics. According to EPA's most recent data, Multnomah County ranks the highest in Oregon in terms of health threats associated with exposure to air

toxics, with mobile sources being the largest contributors of cancer-causing (56%) and non-cancer causing (73%) air toxics. In addition, the Portland-Vancouver area has had a history of air quality non-attainment, and is designated as a Maintenance Area for ozone and carbon monoxide.

What are the estimated environmental/economic benefits?

This project will reduce 0.17 tons of PM, 0.29 tons of HC, 0.93 tons of CO, 24.6 tons of CO₂ annually through the use of verified pollution control technology.

How is this project funded?

The West Coast Collaborative is providing \$132,207 in funds in support of this project.

What is the 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 about the West Coast Collaborative, please visit our website at www.westcoastcollaborative.org. For more information about this project or about the West Coast Collaborative Marine Vessels and Port Sector, please contact La Weeda Ward at ward.laweeda@epa.gov.