



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.

2017 Oregon Department of Environmental Quality – State Clean Diesel Program

Under the Diesel Emission Reduction Act (DERA) 2017 State Clean Diesel Grant Program, the U.S.EPA West Coast Collaborative awarded Oregon Department of Environmental Quality (ODEQ) \$355,373 to replace up to 21 older, polluting diesel school buses with new, lower emitting 2017 model year engines.

Why is this project important?

School buses are not a major emission contributor within the on-road category, however, they constitute a priority focus based on exposure to children. Recent research looking at the effects of installing exhaust controls on school buses documented reduced absenteeism for children travelling to and from school in lower emission buses.

What are the estimated environmental/economic benefits?

This project will reduce 0.746 tons of Particulate Matter (PM), 8.712 tons of NOx, 4.210 tons Carbon Monoxide (CO) 1.143 tons of Hydrocarbons (HC), and 151 tons of Carbon Dioxide (CO₂) over the life-time of the buses.

How is this project funded?

This project is funded by EPA and the State Clean Diesel Program and several school districts.

Who are the partners in this project?

ODEQ and several school districts.

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, 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 our website at www.westcoastcollaborative.org.

For more information about this project please contact Debbie Kline at kline.debbie@epa.gov or 206-553-1236.