



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 2016: Idle-Reduction Technology on School Buses in Washington State

Under the Diesel Emission Reduction Act (DERA) 2016 State Clean Diesel Grant Program, the Washington Department of Ecology received \$327,908 from the United States Environmental Protection Agency (USEPA) to install idle reduction technologies in (11) diesel school buses and replacement of (13) dray and (1) yard trucks throughout Washington State.

What is the Project?

The Washington Department of Ecology will install idle reduction technologies in (11) diesel school buses and replace (13) dray and (1) yard trucks in Washington State. Washington Dept. of Ecology will provide \$220,543 in additional funds to support this project. The total project cost, including mandatory cost share of \$529,000, is \$1,077,451.

Why is this project important?

School bus fleets and dray/yard trucks operate largely in residential areas where children live and school facilities are located. This program will reduce the risk from toxic pollutants by reducing the exposure of school-age children to diesel emissions from school buses and other vehicles. The program area includes areas of high and medium population density, as well as small towns in rural areas.

What are the estimated environmental/economic benefits?

This project will reduce 5.53 tons of particulate matter (PM); 250 tons of Carbon Dioxide (CO₂); 3.23 tons of Hydrocarbons; 16.69 tons of Carbon Monoxide (CO); and 89.31 and 923.79 of nitrogen oxide (NO_x) emissions over its operational life. There will be a fuel savings of 22,600 gallons of diesel.

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, EPA Project Officer at kline.debbie@epa.gov or 206-553-1236.