



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 Washington Department of Ecology – 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 Washington Department of Ecology (WDOE) \$249,493 to install EPA verified idle reduction technology on 8 school buses; replace one Tier 2 marine engine on a harbor patrol vessel; and replace 7 pre-2006 diesel school buses with model year 2017 or newer standard diesel or propane powered school buses.

Why is this project important?

WDOE has analyzed the many sources of diesel exhaust particulate matter and identified the sources most likely to affect public health. The goals of the strategy are: decrease diesel particulate matter pollution emitted into the air; and reduce negative health effects of diesel particulate matter pollution, especially for: children, the elderly and people whose existing health problems put them at risk (sensitive populations) and economically disadvantaged communities (environmental justice communities) exposed to a higher amount of air pollution than the general population.

What are the estimated environmental/ economic benefits?

This project will reduce 2.535 tons of Particulate Matter (PM), 31.825 tons of NOx, 7.24 tons Carbon Monoxide (CO), 3.20 tons of Hydrocarbons (HC), and 66 tons of Carbon Dioxide (CO₂), over the life-time of the engines.

How is this project funded?

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

Who are the partners in this project?

WDOE, Cummins Incorporated, 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.