



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.

Washington State School Bus Idle Reduction

The West Coast Collaborative funded the Washington State Department of Ecology \$875,972 to install engine pre-heater and cabin heaters on 230 public school buses in 11 Washington State school districts.

What is the Project?

As an extension of its idle reduction campaign Washington State Department of Ecology has committed to providing and installing EPA verified engine pre-heater and cabin heaters on 230 public school buses. The heaters reduce or eliminate idle emissions that may be used to warm the engine and bus interior. This retrofit project will achieve significant diesel emission and greenhouse gas reductions while benefiting eleven school districts within the state.

Why is this project important?

This project will expand the protection of school children from air pollution by increasing idle reduction technologies in eleven school districts within Washington State. Most of these school districts are located in high poverty areas and near busy interstate corridors. As a result of these factors, children in these areas are at a higher risk for respiratory illnesses. Implementation of Idle reduction technologies will improve air quality in these communities and especially for children who are riding diesel school buses daily.

What are the estimated environmental and economic benefits?

The lifetime benefits of this project are that there will be a reduction of: 55.0 tons of NO_x, 1.5 tons particulate matter (PM), 1, 823 tons of CO₂. The project is not only cost effective but it will also conserve

approximately 329,130 gallons of diesel fuel, for the selected school districts over the next 15 years.

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 or about the Public Fleets Sector in general, please contact Wayne Elson at Elson.Wayne@epa.gov.