



WEST COAST COLLABORATIVE

A public-private partnership to reduce diesel emissions

The goal of the Collaborative is to leverage significant federal funds to reduce emissions from the most polluting diesel sources in the most affected communities. The Collaborative seeks to significantly improve air quality and public health by targeting the highest polluting engines with the most cost effective control strategies.

Nevada State School Bus Retrofit Initiative

The West Coast Collaborative funded the Nevada Division of Environmental Protection, under the State Clean Diesel Program, \$636,838 in October 2008 to retrofit school buses operated by the 17 school districts in Nevada.

What is the Project?

The program will identify a target group of older diesel buses in each participating fleet. Diesel oxidation catalysts and closed crankcase ventilation systems will be installed on approximately 400 buses (to date) and possibly up to 900 buses total at the end of the program when all 17 districts join the program.

Why is this project important?

The Nevada School Bus Retrofit Initiative is focused on reducing emission from diesel powered school buses across the state. The program is designed to reduce the exposure of school-age children to particulate matter and other harmful components of diesel exhaust emissions from school buses, and to reduce particulate matter

emissions to help improve and maintain air quality in communities across Nevada.

What are the estimated environmental benefits?

It is estimated that 18.17 tons of particulate matter, 12.76 tons of hydrocarbons, and 49.34 tons of carbon monoxide will be reduced in the lifetime of the installed equipments.

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 Grace Cheng: cheng.grace@epa.gov