



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.

Hawaii Diesel Retrofits

The West Coast Collaborative funded the Hawaii Department of Health, under the State Clean Diesel Program, \$423,292 in September 2008 for public fleets and school bus retrofits for the State of Hawaii.

What is the Project?

The Clean Air Branch plans to partner with agencies whose vehicle fleets are operated in proximity to high population density areas with poor air quality. For example, school bus fleets, including private bus companies that are contracted by schools. The proposed scenario is to retrofit approximately 30 school buses with diesel oxidation catalyst, and closed crankcase ventilation and 7 city/county medium light duty (Class 5) trucks with diesel particulate filters.

Why is this project important?

The diesel retrofit projects will reduce exposure to diesel exhaust emissions. For a school bus fleet, the reduction in exposure will directly affect the most vulnerable population, school-age children. If the project location is on the Big Island, this is an area of the State that has been recently affected by increased vog from the eruption activity around Kilauea.

What are the estimated environmental benefits?

With the proposed scenario, it is estimated that approximately 0.58 tons/year of particulate matter, 2.52 tons/year of hydrocarbons, and 6.71 tons/year of carbon monoxide will be reduced for the lifetime of the 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