



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.

DERA 2009/2010: Hawaii 2010 Clean Diesel Initiative

The West Coast Collaborative selected and awarded the Honolulu Clean Cities \$300,000, under the Diesel Emissions Reductions Act in March 2010, to convert 60 para-transit buses from using ultra-low sulfur diesel (ULSD) to B20 Biodiesel fuel, and to install DPFs on 4 construction equipments.

What is the Project?

The project will convert 60 paratransit buses from using ULSD to B20 biodiesel and to retrofit 4 pieces of construction equipment (3 pavers and 1 roller) owned by Grace Pacific Corporation with diesel particulate filter. The paving equipment is used for roadway construction throughout the island of Oahu.

Why is this project important?

The project objectives are to achieve significant emission reductions by utilizing cleaner fuel for para-transit buses, and retrofitting diesel powered construction equipment. The targeted fleet will reduce emissions along interstate and international goods movement

corridors. The Handi-Van fleet transport riders throughout Honolulu, including freeways and the airport. The construction equipment is intermittently used for road construction along the freeways, at Oahu's airports (including military air fields), and at harbors.

What are the estimated environmental benefits?

It is estimated that the proposed project will reduce approximately 1.4 tons of PM, 2.3 tons of hydrocarbons, 19 tons of carbon monoxide, and 342 tons of carbon dioxide over 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.

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.