



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: South Coast AQMD School Bus Replacement Project

The West Coast Collaborative selected and awarded the South Coast Air Quality Management District (SCAQMD) \$1,065,465, under the Diesel Emissions Reductions Act in March 2010, to replace 43 pre-1994 diesel school buses with compressed natural gas (CNG) powered school buses.

What is the Project?

The project will replace 43 pre-1994 diesel school buses with 2010 or newer Blue Bird or Thomas Built buses powered by CNG-fueled engines.

Why is this project important?

Diesel school buses are a significant source of nitrogen oxide (NO_x) and particulate matter (PM) emissions whose adverse health effects disproportionately target school children and elderly. Rapid modernization of school bus fleets is one of the most important strategies to improve air quality in the South Coast Air Basin. It is especially important because school buses can last 30 years or

longer. The proposed will also complement the ongoing Lower Emission School Bus Program, which provides incentive funding for school districts to retrofit or replace old diesel buses with cleaner CNG buses to achieve NO_x and PM emissions reductions beyond those expected from compliance with applicable state and federal regulations.

What are the estimated environmental benefits?

It is estimated that the proposed project will reduce approximately 7.6 tons of PM, 50.6 tons of NO_x, 4.6 tons of hydrocarbons, and 22.6 tons of carbon monoxide over the lifetime of the school buses.

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.