



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.

DERA 2011: Replacing School Buses in Washington State

Under the Diesel Emission Reduction Act (DERA) 2011 State Clean Diesel Grant Program, the Washington Department of Ecology received \$288,740 from the United States Environmental Protection Agency (USEPA) to replace diesel school buses throughout Washington State.

What is the Project?

The Washington Department of Ecology will replace at least 11 pre-1994 heavy-duty diesel school buses with new school buses that meet or exceed the USEPA 2007 on-road bus emission standards. Local school district and state government partners will provide \$901,624 in additional funds to support this project.

Why is this project important?

School bus fleets operate largely in residential areas where children live and school facilities are located. This program will reduce the risk from toxic pollutants by reducing the exposure of school-age children to diesel emissions from school buses. The program area includes areas of high and medium population density, as well as small towns in rural areas.

What are the estimated environmental/economic benefits?

This project will reduce 3.6 tons of particulate matter (PM), 23.5 tons of oxides of nitrogen (NOx), 1.5 tons of hydrocarbon, and 5.3 tons of carbon monoxide (CO) emissions over its operational life. Replacing these pre-1994 buses with new buses will reduce harmful diesel emissions, resulting in a reduction in children's' exposure to diesel exhaust.

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, please contact John Mikulin at mikulin.john@epa.gov