WEST COAST COLLABORATIVE
A public-private partnership to reduce diesel emissions

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.

Washington State Heavy Duty Vehicles and Equipment Retrofitted

Under the National Clean Diesel Grant Program, the U.S. EPA provided the Washington State Department of Ecology $1,001,202 in funding to reduce diesel emission by retrofitting heavy duty diesel vehicles and equipment.

What is the Project?

The Washington State Clean Diesel Grant Program provides funds to install EPA or CARB verified retrofit exhaust control technologies, EPA certified engine rebuild and repower, vehicle and equipment replacement, and idle reduction technologies on publicly and privately owned heavy duty diesel vehicles and equipment operating in Washington State.

Ecology will use the 2009 DERA funding to:

- Purchase and install exhaust emission control technologies on up to nine (9) transit buses.
- Purchase and install exhaust emission control technologies on up to twelve (12) pieces of cargo handling equipment.
- Assist with cost to scrap three pre-1994 school buses and replace with three (3) new school buses.
- Assist with cost to purchase and install idle reduction technologies on up to seventeen (17) pieces of cargo handling equipment.
- Assist with cost of engine replacement (repower) or engine rebuilds on up to five (5) pieces of cargo handling equipment.

Why is this project important?

The Washington State Clean Diesel Grant Program is a component of the Department of Ecology's Diesel Particulate Emission Reduction Strategy for Washington State (Diesel Strategy). In developing the strategy, Ecology analyzed the many sources of diesel exhaust particulate matter and identified the ones most likely to affect public health. The goals of the strategy are to:

- Decrease the amount of diesel particulate matter pollution emitted into the air; and
- Reduce the negative health effects of diesel particulate matter pollution, especially for:
  - Children, the elderly and people whose existing health problems put them at risk (sensitive populations); and
  - Economically disadvantaged communities (environmental justice communities) that are exposed to a higher amount of air pollution than the general population.

Ecology has ranked and prioritized actions to target sources that emit the most diesel particulate matter and pose the greatest risk to the health of sensitive populations, environmental justice communities, and the general population.

What are the estimated environmental/ economic benefits?

Washington Department of Ecology estimates these projects will reduce emissions of diesel exhaust particulate matter by approximately 2,900 pounds per year. This project provides environmental benefits that extend many years beyond the assistance agreement period. Fleet owners will retain possession of emission reduction technologies.

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 Grace Cheng at cheng.grace@epa.gov