



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.

Portland-Multnomah Clean Diesel Partnership

In 2008 the U.S. EPA funded the City of Portland \$498,726 to pilot a Clean Diesel Contracting Policy for construction contractors to retrofit equipment for public projects in Portland and Multnomah County, Oregon.

How will These Funds be Used?

U.S. Environmental Protection Agency (EPA) provided the City of Portland \$498,726 in grant funding to pilot a Clean Diesel Contracting Policy for construction contractors working for the City of Portland and Multnomah County on publicly funded construction projects. The City and County will pilot clean diesel requirements on a number of upcoming large-scale construction projects located in areas of poor air quality. The upcoming construction projects include work on a combined

sewer force main, a new bridge, a sanitary pipeline installation, a seismic retrofit and bridge widening, intersection improvements, a multi-use greenway, and a bridge replacement. About 64 pieces of equipment will be retrofitted. Retrofit equipment will be purchased and installed under a contract using only EPA or CARB verified best available passive system diesel retrofit technology, including Diesel Particulate Filters, Partial Flow Filters and Diesel Oxidation Catalysts. Contracts with vendors will require evidence of this verification. By matching each piece of equipment with the best available technology, and with the use of ULSD and high blends of biodiesel, the project will maximize the diesel emission reductions.

What are the Environmental Benefits?

The expected outcomes of this project will include significant reductions in air emissions. The projected annual fleet-wide reduction estimates include 3.5 tons for particulate matter, 4.6 tons for hydrocarbons and 23.9 tons for carbon monoxide.

How can I Find More Information?

For more information about the West Coast Collaborative Construction Sector Projects, please contact Wayne Elson at elson.wayne@epa.gov, 206-553-1463, or visit our website at: www.westcoastcollaborative.org.