



## WEST COAST COLLABORATIVE

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.

# Cargo Handling Equipment Replacement and Retrofit Project

The West Coast Collaborative is pleased to announce that EPA has selected the Puget Sound Clean Air Agency and its Cargo Handling Equipment Replacement and Retrofit Project for \$850,000 in EPA funding. The project will be implemented with \$318,000 in leveraged funds.

## What is the Cargo Handling Equipment Replacement and Retrofit Project?

This project will retrofit 84 pieces of cargo handling equipment at the Puget Sound Ports of Tacoma and Seattle with a combination of diesel particulate filters or partial flow filters, and crankcase ventilation filters. This project will also replace off-highway trucks ahead of their planned retirement with new trucks equipped with on-road engines. Finally, it will install diesel oxidation catalysts on two top loaders.

## Why is this project important?

Cargo handling equipment and off-highway trucks at the Ports of Tacoma and Seattle emit almost 80 tons of diesel particulate matter per year. This project will greatly reduce those emissions. The project will also help the Puget Sound region stay within the PM 2.5 standard and will help the Port of Seattle and Port of Tacoma meet their performance targets for cargo-handling equipment under the Northwest Ports Clean Air Strategy.

## What are the estimated environmental benefits?

The Cargo Handling Equipment Replacement and Retrofit Project will reduce the emissions of diesel particulate matter from cargo handling equipment and off-highway trucks at the Puget Sound ports by nearly 7 tons per year. It will also reduce emissions of oxides of nitrogen (NOx), hydrocarbons, and carbon monoxide.

## How is this project funded?

Through EPA, the Collaborative is providing \$850,000 in funds in support of this project. An additional \$318,000 will be provided in leveraged funds from the partners.

## Who are the partners on this project?

The project is led by the Puget Sound Clean Air Agency, in partnership with the Ports of Seattle and Tacoma and their respective terminal operators.

## 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](http://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](http://www.westcoastcollaborative.org). For more information about this project or about the Ports and Marine Vessels Sector in general, please contact Francisco Doñez: [donez.francisco@epa.gov](mailto:donez.francisco@epa.gov).