



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.

Puget Sound Clean Air Agency (PSCAA) – Sound Transit, WA Locomotive Engine Upgrade Project

The West Coast Collaborative is pleased to announce that EPA has selected the Puget Sound Clean Air Agency for \$1,200,000 in EPA funding under the competitive national Diesel Emission Reduction Act Program. The project will be implemented in partnership with Sound Transit to replace two locomotives on *The Sounder* rail line in Washington State.

What is the Sound Transit Locomotive Engine Upgrade Project?

The project will upgrade two Tier 0 commuter rail locomotive engines to EPA-certified Tier 3 engine standards.

Why is this project important?

This Sound Transit Locomotive Engine Upgrade Project provides long-lasting emission reductions and public health benefits in areas of high population density, poor air quality, and heavy diesel fleet activity. Sound Transit's commuter rail service, the *Sounder*, travels between Tacoma and Seattle and between Everett and Seattle during peak commute hours and select weekend events. Diesel emissions will be reduced by upgrading old engine technology with newer, EPA-certified engine upgrade kits, which are more fuel-efficient and have better emission control technology.

What are the estimated environmental benefits?

The Sound Transit project will reduce annual emission of CO₂ by 22.20 tons; NO_x by 34.07 tons; HC by 3.12 tons; and PM_{2.5} by 2.27 tons.

How is this project funded?

Through EPA and 2012 National Clean Diesel Funding Assistance Program, the West Coast Collaborative is providing \$1,200,000 in funds in support of this project. Additionally, the project anticipates a mandatory match of over \$1,480,000 from Sound Transit.

Who are the partners on this project?

Puget Sound Clean Air Agency and Sound Transit.

What is the Collaborative?

The West Coast Collaborative is a partnership between leaders from federal, state, and local government, the private sector, and environmental groups committed to reducing diesel emissions along the West Coast and is part of the National Clean Diesel Campaign: www.epa.gov/cleandiesel. For more information, on the West Coast Collaborative, please visit our website at www.westcoastcollaborative.org.

How can I find out more about the Collaborative?

For more information about this project or the West Coast Collaborative Trucking/Rail Sector, please contact Trina Martynowicz at martynowicz.trina@epa.gov or 415-972-3474.