



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



American Reinvestment and Recovery Act: Puget Sound Clean Air Agency Locomotive Repower Project

The West Coast Collaborative is pleased to announce that EPA has selected the Puget Sound Clean Air Agency and its Locomotive Repower Project for \$2,534,511 in EPA funding. The project will be implemented with an additional \$1,795,588 in leveraged matching funds.

What is the Locomotive Repower Project?

The project will reduce diesel emissions and greenhouse gas emissions by repowering three Burlington Northern "switcher" locomotive engines in the Puget Sound region up to current industry standards for new locomotives. The target engines were originally manufactured between 1968 and 1972. The repowered engines will include automated start-stop functions and computer controlled fuel systems to increase fuel efficiency.

Why is this project important?

The project will upgrade three legacy locomotive engines that pre-dated EPA regulation with modern, EPA-certified technology. The new engines will deliver up to a 30% reduction in fuel consumption and substantial engine emission reductions. For example, the repower will result in an estimated 90% decrease in fine particulate matter emissions from the target engines.

The project will improve air quality and human health along goods movement corridors in the NW and will also reduce greenhouse gas emissions.

Additionally, the project will also help create or sustain an estimated 50 manufacturing and local installation jobs and will help a Northwest rail line decrease its operating costs and stay economically competitive in a difficult business environment.

What are the estimated environmental benefits?

The Puget Sound Clean Air Agency Locomotive Repower project will reduce the emissions of fine particulates by an estimated 3.4 tons, annually. It will also reduce NOx emissions by 98 tons per year.

How is this project funded?

Through EPA and the American Reinvestment and Recovery Act, the West Coast Collaborative is providing \$2,534,511 in funds in support of this project. An additional \$1,795,588 will be provided in leveraged matching 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 BNSF Railway.

What is the Collaborative?

The West Coast Collaborative www.westcoastcollaborative.org 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 about this project or about the Rail Sector in general, please contact Trina Martynowicz: martynowicz.trina@epa.gov