



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 – Sea-Tac Airport Diesel to Electric Ground Support Equipment (GSE) Replacement Program

The West Coast Collaborative is pleased to announce that EPA has selected Puget Sound Clean Air Agency (PSCAA) of Seattle WA, for \$600,000 in EPA funding [under the Diesel Emissions Reduction Act \(DERA\)](#).

What is the Project?

This project will replace approximately 51 diesel-powered non-road pieces of airport ground support equipment (GSE) at Seattle-Tacoma International Airport with the same number of new equivalent electric GSE.

Why is this project important?

The project addresses sources of diesel pollution in and around the Sea-Tac Airport within King County. The GSE rebate program will reduce fine particle diesel pollution in King County, in a highly populated community that experiences disproportionately high diesel exposure. It will also positively impact airport employees who work directly on the ramps and underground baggage wells. By switching to electric equipment with zero emissions, airport workers and the surrounding community will benefit from improved health and reduced exposure.

What are the estimated environmental benefits?

The PSCAA project will reduce lifetime emissions of NOx by 15 tons; PM 2.2 by tons; HC by 1.6 tons; CO by 11 tons; and CO₂ by 4,447 tons; and have a diesel fuel savings of 586,000 gallons annually.

How is this project funded?

Through EPA and National Clean Diesel Funding Assistance Program, the West Coast Collaborative is providing \$600,000 in funds in support of this project. Additionally, the project anticipates a mandatory match from the airlines of \$1,447,500.

Who are the partners on this project?

Port of Seattle and miscellaneous airlines.

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.

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, please contact Debbie Kline at kline.debbie@epa.gov or 206-553-1236.