



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.

DERA 2013 – The Swinomish Indians of the Swinomish Reservation in Washington State—Swinomish Marine Engine Repower Project and Fish Plant Shore Power Project

Under the Diesel Emission Reduction Act (DERA), the EPA West Coast Collaborative awarded the Swinomish Indian Tribal Community (Washington State) a \$467,786 grant with 2013 funding. The grant will help to fund marine engine repowers and vessel plug-ins to reduce emissions. The project will be implemented with \$699,797 in leveraged funding.

What is the Project?

The project includes two components: (1) The Marine Engine Repower Component to repower 14 high polluting marine vessel engines in 12 boats with new, low emission diesel engines; and (2) The Moorage Shore Power Component to install 18 double shore power pedestal stations to electrify the Swinomish Fishing Fleet and Swinomish Fish Company Moorage docks.

Why is this project important?

The project is expected to improve the air quality for the Swinomish Indian Tribal Community (SITC). The proposed project will achieve a significant reduction in

marine diesel emissions from the Swinomish Fleet as well as vessels using the shore power pedestals at the cannery docks. The shore power pedestals also provide significant fuel savings by allowing engines to be shut down while loading and unloading.

What are the estimated environmental benefits?

The project is expected to reduce fine particulate (PM2.5) emissions with an annual reduction of .715 tons from the applicable vessels, and reduce fuel consumption by 12%. A fuel savings of 30,636 gallons per year within the Swinomish Village through the two project components.

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).

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 or about the Marine Vessels and Ports Sector, please contact Dan Brown at brown.dan@epa.gov.