



WEST COAST COLLABORATIVE

Public-private partnership to reduce diesel emissions

The goal of the Collaborative is to leverage significant federal funds to reduce emissions from the most polluting diesel sources in the most affected communities. The Collaborative seeks to significantly improve air quality and public health by targeting the highest polluting engines with the most cost effective control strategies.

San Diego-Tijuana Diesel Emissions Reduction Demonstration Project

The West Coast Collaborative is pleased to announce that EPA has selected the San Diego-Tijuana Emissions Reduction Demonstration Project for \$223,918 in funding.

What is the "San Diego-Tijuana Diesel Emissions Reduction Demonstration" Project?

The Project is a U.S. EPA-funded scoping study to evaluate the costs and effectiveness of emission control retrofit technologies on Mexican heavy-duty diesel vehicles operating in the San Diego County-Tijuana border region. The implementation phase of this study involves retrofitting approximately 50 Mexico-domiciled heavy-duty diesel trucks operating in the border region with diesel oxidation catalysts and crankcase filtration system to demonstrate their viability under Mexican operating conditions.

Why is this project important?

The San Diego/Tijuana region is home to the Otay Mesa Port of Entry, the largest commercial crossing in the California/Mexico border, with 1.4 million diesel truck crossings every year. Diesel engines contribute to unhealthy levels of ozone (or "smog"), air toxics and microscopic soot called particulate matter (PM). Recent long-term studies of children's health conducted in California have demonstrated that particle pollution may significantly reduce lung function growth in children. Public health authorities associate exposure to PM with an increased risk of premature death, greater number of hospital admissions for heart and lung disease, and amplified adverse respiratory symptoms, such as asthma.

How is this project funded?

The EPA is providing \$223,918 in support of this project.

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 get more information about this project?

For more information about this project, please contact Karen Jacobs at the San Diego County Air Pollution Control District at karen.jacobs@sdcounty.ca.gov or (858) 586-2708

How can I find out more about the Collaborative?

For more information about the Collaborative, please contact Peter Murchie (murchie.peter@epa.gov, 503-326-6554) or visit our website at www.westcoastcollaborative.org.