



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



# American Reinvestment and Recovery Act: Trailer Aerodynamics Project

The West Coast Collaborative is pleased to announce that EPA has selected Cascade Sierra Solutions and its Trailer Aerodynamics Project for \$907,072 in EPA funding. The project will be implemented with an additional \$1,844,655 in leveraged funds.

## What is the Trailer Aerodynamics Project?

The project will provide for the purchase and installation of 1575 Advanced Trailer Skirts, 65 Advanced Trailer End Fairings and 65 Trailer Gap Reducers on Class 8B Long Haul trucks throughout Oregon, Washington and Idaho.

## Why is this project important?

The above-mentioned technologies have been proven to improve fuel efficiency by 7.4%, 5.1% and 2%, respectively, and reduce harmful diesel emissions proportionally. So the project will improve air quality and human health along goods movement corridors in the NW and will also reduce climate pollution and its associated long term negative affects.

The project will also help create or sustain an estimated 50 manufacturing and local installation jobs and will help Northwest truckers reduce their operating costs and stay economically competitive in a difficult business environment. In total, the project will save Northwest truckers an estimated \$3,500,000 in fuel costs annually (based on \$2.75/gallon).

## What are the estimated environmental benefits?

The Trailer Aerodynamics project will reduce the emissions of diesel particulate matter from on-highway long haul trucks by over 4 tons. It will also reduce NOx emissions by 163 tons, carbon monoxide emissions by 83 tons and hydrocarbon emissions by over 17 tons. And the project will also reduce carbon dioxide, a greenhouse gas, by over 60,000 tons over the lifetime of the trailer retrofits.

## How is this project funded?

Through EPA and the American Reinvestment and Recovery Act, the West Coast Collaborative is providing \$907,072 in funds in support of this project. An additional \$1,844,655 will be provided in leveraged funds from the partners.

## Who are the partners on this project?

The project is led by Cascade Sierra Solutions, in partnership with private trucking fleet owners and operators, Gordon Trucking and J.B. Hunt.

## 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](http://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](http://www.westcoastcollaborative.org). For more information about this project or about the Trucking Sector in general, please contact Trina Martynowicz: [martinowicz.trina@epa.gov](mailto:martinowicz.trina@epa.gov)