



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.

Biomethane for Vehicle Fuel Project

The West Coast Collaborative is pleased to announce that EPA has selected the Biomethane for Vehicle Fuel Project for \$400,000 in EPA funding. The project will be implemented with \$175,000 in leveraged funds.

What is the Biomethane for Vehicle Fuel Project?

This project proposes to convert four heavy-duty diesel powered milk trucks to run on biomethane, initially using natural gas, but preparing for biomethane from upgraded biogas captured at Hilmar Cheese in Hilmar, California and/or Hilarides Dairy in Lindsay, California.

Why is this project important?

California's dairy industry is the largest in the US, and turning a portion of the 65,000,000 pounds of dairy manure produced annually into a successful biofuel product will reduce pollution from both the manure and the diesel trucks.

What are the estimated environmental benefits?

The Biomethane for Vehicle Fuel Project will reduce the emission of two greenhouse gases, both from the reduction in diesel emissions (CO₂) and by recapturing methane from dairy

farms. This project will result in a reduction of an estimated 650 gallons of diesel fuel used per day. Conversion to natural gas can nearly eliminate sulfur emissions and significantly reduce NO_x and PM pollution, with fewer overall toxic emissions.

How is this project funded?

Through EPA, the Collaborative is providing \$400,000 in support of this project. In addition, \$175,000 will be provided in leveraged funds from the partners.

Who are the partners on this project?

The project is led by Western United Resource Development Inc. with partners Sustainable Conservation, UC Davis, CalStart, Hilarides Dairy, Hilmar Cheese Company, California Department of Food and Agriculture, SWENTEC, and Western United Dairymen.

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