



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



# American Recovery and Reinvestment Act: Reducing Diesel Emissions at the Port of Long Beach, California

Under the American Recovery and Reinvestment Act of 2009 (ARRA) funding for the National Clean Diesel Grant Program, the U.S. EPA provided the Port of Long Beach with \$4,008,250 in funding to reduce harmful diesel emissions.

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## What is the Purpose of this Project?

The EPA has selected the Port of Long Beach for \$4,008,250 in funding to implement a large-scale diesel emission reduction project involving equipment replacements, engine repowers, and/or retrofit technologies for 112 pieces of cargo handling equipment including rubber-tired gantry cranes, and two harbor crafts currently in operation at the port. The project will reduce particulate matter (PM), nitrogen oxides (NO<sub>x</sub>), sulfur oxides (SO<sub>x</sub>), hydrocarbon (HC), carbon monoxide (CO) and carbon dioxide (CO<sub>2</sub>) emissions.

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## Where will this Project be Located?

This project will take place at the Port of Long Beach, which is located in the South Coast Air Basin. Particulate matter and ozone levels in the South Coast Air Basin have consistently been the highest in the country. This project will reduce particulate matter emissions, thereby reducing health risks for residents living near the Port.

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## How does this project relate to the Recovery Act Funding Priorities?

- **Create Jobs** This project will preserve and/or create jobs in the manufacturing sector which has been heavily impacted by the current economic conditions.
- **Economic Efficiency** Retrofitting, replacing and repowering equipment currently in operation at the Port of Long Beach will provide long-term economic and environmental benefits by reducing emissions from port equipment.
- **Environmental Benefits** The project will provide long-term environmental health benefits to the local community and the South Coast Air Basin by reducing potentially cancer-causing emissions from port equipment.

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## How do I find out more about ARRA?

For more information regarding the American Recovery and Reinvestment Act, please visit the Recovery Homepage [www.recovery.gov](http://www.recovery.gov), and [www.epa.gov/otaq/eparecovery/](http://www.epa.gov/otaq/eparecovery/)

## What Is the West Coast Collaborative and How Do I Find Out More?

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. The West Coast Collaborative is part of the National Clean Diesel Campaign:

[www.epa.gov/cleandiesel](http://www.epa.gov/cleandiesel)

For more information about the Port of Long Beach, please visit [www.polb.com](http://www.polb.com)