



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.

## American Recovery and Reinvestment Act: Reducing Diesel Emissions in Phoenix, Arizona

Under the American Recovery and Reinvestment Act of 2009 (ARRA) funding for the National Clean Diesel Grant Program, the U.S. EPA provided the City of Phoenix with \$829,697 in funding to reduce diesel emissions by retrofitting and replacing city-owned equipment.

### What is the purpose of this project?

The EPA has selected the City of Phoenix Public Works Department for \$829,697 in funding to retrofit 45 pieces of city-owned diesel equipment with diesel particulate filters (DPFs) or diesel oxidation catalysts (DOC)s, and to replace an aging refuse hauler with a hydraulic launch assist refuse hauler. The vehicles to be retrofitted will be run on ultra low sulfur diesel with 20 percent biodiesel. These vehicles provide a variety of services including emergency, park maintenance, street repair, and refuse collection, throughout various parts of the Phoenix metropolitan area. The proposed equipment retrofits will reduce particulate matter, thereby protecting the health of Phoenix residents.

### Why is this project important for air quality?

Phoenix is the 5<sup>th</sup> largest city in the nation and is located within the Maricopa County, which is in non-attainment for particulate matter. The EPA National Air Toxic Assessment indicates that Phoenix is ranked 3<sup>rd</sup> in the nation for diesel emissions. Research has shown that children in the South Central Phoenix area have been diagnosed

with higher than average asthma levels. With this funding, the City of Phoenix will significantly reduce emissions from currently operating diesel engine, addressing this important air quality challenge facing the metropolitan area.

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

- **Preserve and Create and Maximize Jobs** The project will preserve or create jobs in the manufacturing and installation industries. These jobs will assist low and moderate income workers who have been impacted by the economic downturn.
- **Technology and Health Advances** The project will maximize public health benefits by reducing toxic emissions.
- **Transportation and Environmental Investment** This project will expand the city's environmentally friendly fleet, which impacts the residents of Phoenix. This program will parallel the city's current environmental investment of deploying one of the largest alternative fuel fleets in the country.

### 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)).

### 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 West Coast Collaborative, please visit: [www.westcoastcollaborative.org](http://www.westcoastcollaborative.org).