

Accomplishments

The Utah Clean Diesel Program has been a successful collaboration between state and federal agencies, county and municipal governments, community and non-profit organizations, and industry groups. Over \$5.6 million in state and federal grants have helped 48 small businesses, 31 school districts, and one municipality purchase cleaner and more fuel efficient equipment for their operations, reducing emissions by over 25,000 tons and saving over 1.3 million gallons of diesel fuel over the life of the fleets, nearly \$5 million worth of fuel savings.

The following projects have been completed to date:

- 2008: The Clean Diesel School Bus Project retrofitted over 1,200 diesel-powered school buses throughout the state with emission control devices that are aimed to protect children and operators from harmful air pollutants emitted by the school bus's diesel engine. This project also replaced 27 older buses with new buses that meet a more stringent set of emissions standards.
- 2009: The Clean Diesel Trucking Project installed auxiliary power units on 52 long-haul trucks. These units reduce fuel consumption and diesel emissions by providing climate control and electrical power for the truck's sleeper cab and engine block heater during driver's downtime. These devices use 80-90 percent less fuel than the truck's main engine.
- 2009: The Clean Diesel Agriculture Project installed auxiliary power units on 32 trucks that support farm-based activities. This project also provided partial funding to repower and replace 31 pieces of diesel equipment with cleaner, more fuel efficient machinery.
- 2010: Funding was provided to the City of North Salt Lake for repowering five city maintenance vehicles that are used as snow plows during the inversion season. These vehicles were converted from older, diesel engines to newer, compressed natural gas engines.
- 2011: Three small businesses were awarded funds to replace equipment with upgraded technologies that meet higher emissions standards. Large construction equipment was replaced with new, and an old box truck used to transport fruit to farmers markets along the Wasatch Front was repowered with a cleaner engine.



Governor Herbert, Reed Baldwin of L.W. Miller Transportation, and David Creer of Utah Trucking Association

The alliances that have been developed to make these projects successful are a demonstration of the commitment being made to help alleviate the unique air quality challenges we face in Utah and encourage energy- and emission-reduction options that support economic development for small businesses.