



MIDWEST CLEAN DIESEL

INITIATIVE

The logo for the Midwest Clean Diesel Initiative features a blue wavy ribbon that curves across the top. The words "MIDWEST CLEAN DIESEL" are written in a bold, dark blue, sans-serif font across the ribbon. Below this, the word "INITIATIVE" is written in a green, sans-serif font, with each letter separated by a small gap.

MIDWEST CLEAN DIESEL INITIATIVE

- Public-private partnership to accelerate diesel emission reductions in the Midwest (IL, IN, MI, MN, OH, WI)
- MCDI Formally Started in 2004
- Leadership Group (Formed October 2007)
 - 33 Members Signed Collaborative Principles
 - Co-Chairs: Cummins, Illinois EPA, American Lung Association of Upper Midwest, US EPA
 - Goal to impact 1M engines by 2010
- <http://www.epa.gov/midwestcleandiesel>

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MIDWEST CLEAN DIESEL INITIATIVE

- Objective 1: Develop/Support State Clean Diesel Coalitions
- Objective 2: Award of EPA funds/generation of non-EPA funding
- Objective 3: Address common issues across the Region
- Objective 4: Create Actions that Stir the Imagination

Results:

- MCDI partners have impacted over 761,000 diesel engines
 - Installation of retrofit technologies, replacements, repowers, idle reduction programs, and cleaner fuels

Historic USEPA Funding

- FY 2003-2007 National Clean Diesel Campaign
 - \$32M nationally for school bus projects
 - \$7.6M nationally for non-school bus projects
- FY08 National Clean Diesel Campaign
 - \$49.2M nationally (combines all sectors)
- FY09 ARRA
 - \$300M nationally (combines all sectors)
- FY09 National Clean Diesel Campaign
 - \$60M nationally (combines all sectors)
- FY2010 National Clean Diesel Campaign
 - Estimated \$60M-\$75M (combines all sectors)

National Clean Diesel Funding Assistance Program: Eligible Fleets and Equipment

Including but not limited to:

- Buses
- Medium or heavy duty trucks
- Marine engines
- Locomotives



- Nonroad engine, stationary engine or vehicle used for:
 - Construction
 - Handling of cargo (including at a port or airport)
 - Agriculture
 - Mining
 - Energy production (genset)

National Clean Diesel Funding Assistance Program: % of \$ for Technologies/Projects

- EPA's Clean Diesel funding will cover up to:
 - 100% for verified exhaust controls
 - 100% for certified engine upgrades
 - 100% for incremental cost of cleaner fuels
 - 75% for certified engine repowers
 - 25% for all certified replacements that meet model year 2007 emissions standards
 - 50% for school buses that meet model year 2010 emissions standards
 - 100% for verified idle reduction technologies
 - 100% for verified aerodynamic technologies and low rolling resistance tires

American Recovery and Reinvestment Act (ARRA)

Recovery Act Funding



Administrator Jackson announces first ARRA-DEIRA grants in Cincinnati, OH for school buses

- President Obama signed the American Recovery and Reinvestment Act (Recovery Act) into law on February 17, 2009
- \$300M for DERA to support job creation, stimulate economy and lower diesel emissions
 - 600 applications: \$2 billion in requests with over \$2 billion in matching dollars
 - 538 eligible applications
 - Programs in every state and DC
- At 200 Day mark, 96% of DERA funds are awarded
- <http://www.epa.gov/cleandiesel/projects.htm>

Recovery Act Projects



- State Program: \$88M
 - 50 State grants (49 States + D.C.) \$1.73 M each
 - \$86.5M out of \$88.2M obligated; only Alaska pending

- National Program: \$206M (plus \$6M for Admin)
 - 90 grants awarded by EPA Regional Offices
 - 14 Emerging Technology Awards
 - 5 SmartWay Finance Awards

- Projects will run through September 30, 2010

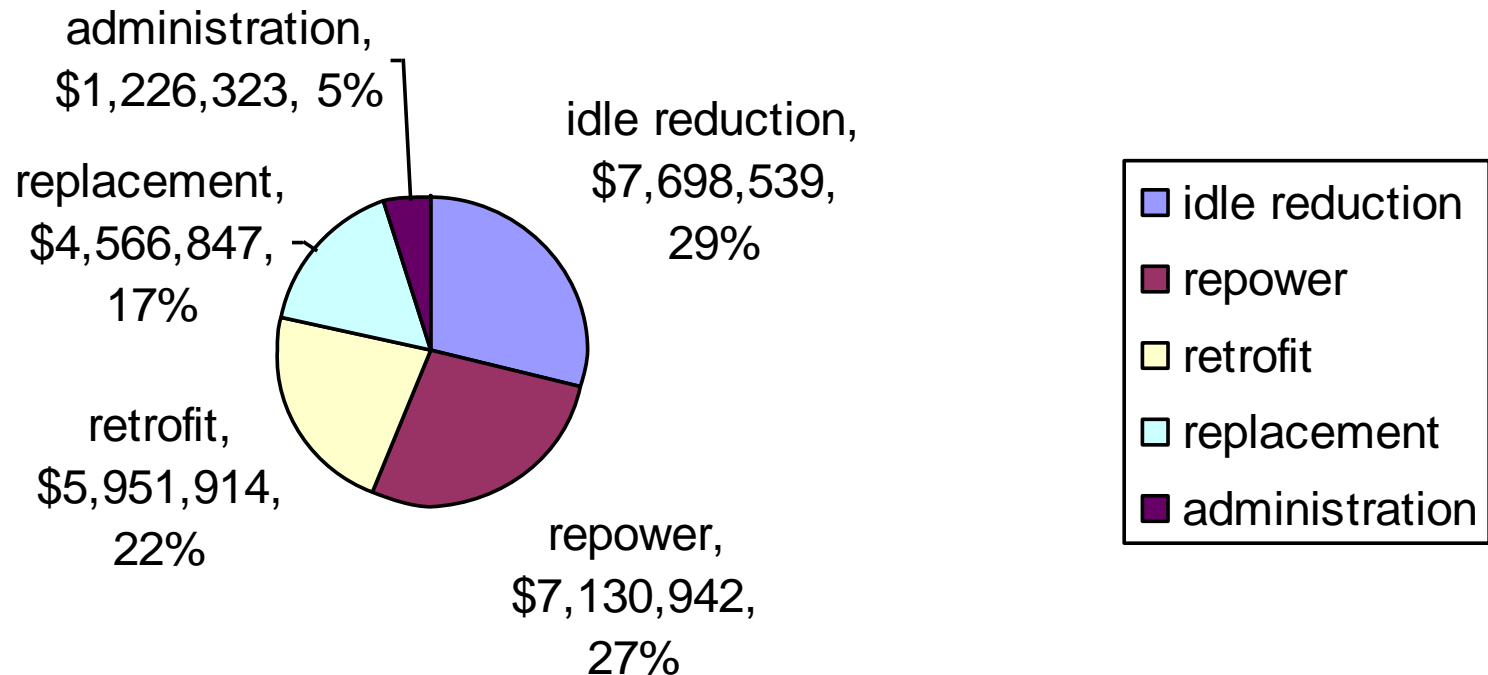
- Reporting process for grantees through FederalReporting.gov begins October 1
 - Reporting will be quarterly
 - Results will be public on Recovery.gov



Region 5 Recovery Act Projects Awarded

Applicant Name	Federal Funds Awarded
American Lung Association - Upper Midwest	\$3,721,731
City of Chicago Department of Environment	\$1,000,000
Great Lakes Commission	\$1,209,049
Greater Lansing Area Clean Cities	\$1,073,528
Hamilton County Environmental Services	\$1,080,000
Illinois EPA	\$4,172,335
Lenawee School District	\$1,230,696
Minnesota Environmental Initiative	\$3,000,000
National School Transportation Association	\$2,442,983
Ohio Department of Development	\$5,000,000
Wisconsin Department of Commerce	\$2,073,135
Wisconsin DNR	\$571,107
	\$26,574,564

Region 5 Recovery Act Projects



National Clean Diesel Campaign: Clean Diesel Programs

FY09/2010 Clean Diesel Program



National Clean Diesel Campaign

National Clean Diesel Program

\$60M for FY2009, Estimated \$60M for FY2010

National

Estimated \$84 Million (70%)
\$42M for FY2009 and Estimated \$42M for
FY2010 combined for competitions



National Clean Diesel
Funding Assistance Program
\$32M for FY2009 and Estimated \$32M for FY2010 -
\$64M

Clean Diesel Emerging Technologies Program
\$4M for FY2009 and Estimated \$M in FY2010 - \$8M

SmartWay Clean Diesel Finance Program
\$6M for FY2009 and Estimated \$6M for FY2010 -
\$12M

State

(30%)
\$18 Million FY2009
Estimated \$18 Million FY2010



State Clean Diesel Grant Program 2009 \$18M

State Base

Matching Bonus

Budget amounts for FY 2010 are
estimated

National Clean Diesel Funding Assistance Program: Eligible Entities

- Regional, state, local, tribal or port agency with jurisdiction over transportation or air quality; and
- Nonprofit organization or institution which
 - Represents or provides pollution reduction or educational services to persons or organizations that operate diesel fleets; or
 - Has, as its principal purpose, the promotion of transportation or air quality

National Clean Diesel Funding Assistance Program: Use of Funds

- Cannot fund the cost of emissions reductions mandated under Federal, State or Local law
 - Cannot fund after effective date of requirement
 - Can fund early compliance
 - Emission reductions and cost-effectiveness should be calculated only for the period up to the effective date of the requirement
- Grants are not for emissions testing
- Grants are not for fueling infrastructure, such as biodiesel manufacturing facilities or CNG fueling stations

National Clean Diesel Funding Assistance Program: FY2009/2010 Funding Timeline

Activity	Date
Information and preparation of applications	August/September
Application submissions	October – December 8
EPA evaluations	December – January 2010
Project review and award	January – March 2010
Project implementation	Spring 2010

State Clean Diesel Grant Program: Overview

- “States shall use funds to develop and implement grant and low-cost revolving loan programs as appropriate to meet State needs and goals relating to the reduction of diesel emissions”
- Eligible for FY 09 State program grants:
 - 50 States
 - District of Columbia

FY 09 State Program Funding - \$18M

- State Program receives 30% of DERA funds
 - 20% - Base for participating states (\$12M)
 - 10% - Bonus for matching states (\$6M)
- Match not required
- If State matches base allocation dollar for dollar, State receives an additional ~\$118K (50%) of base allocation (~\$235K)
- Any funding not utilized reverts to national program

Available Tools

- Diesel Emissions Quantifier
 - Now with health benefits module
 - The benefits are presented as the dollar value of avoiding health effects that result from exposure to PM2.5, such as premature mortality, chronic bronchitis, asthma attacks, non-fatal heart attacks, and others.
- Q and A calls/Webinars
- Outreach Meetings/State Coalitions

Need more info?

- NCDC Helpline:
 - 1-877-623-2322 (1-877-NCDC-FACTS)

or

- cleandiesel@epa.gov
- Engineering/technical support
- Diesel Emissions Quantifier questions
- General clean diesel questions

Answers typically provided within one business day

Need more info?

- Questions?