

National Clean Diesel Campaign

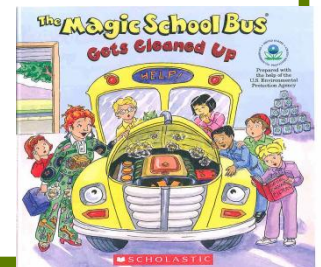
Gay MacGregor
West Coast Collaborative
September 2010



National Clean Diesel Campaign

Federal Diesel Funding 2000, 2001, 2002...

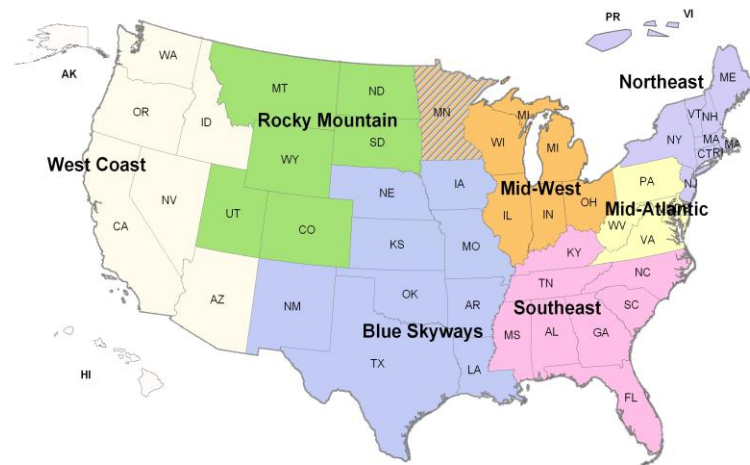
- Handful of EPA staffers
- ~\$200,000
- A few “early adopter” fleets
 - Seattle - first meeting convening diesel fleets
 - 1st grant - Everett School District in WA State
- Several States had programs and/or funding
- 2003 first Congressional appropriation \$5M for CSBUSA
 - 17 grants awarded
 - 500,000 children riding cleaner buses



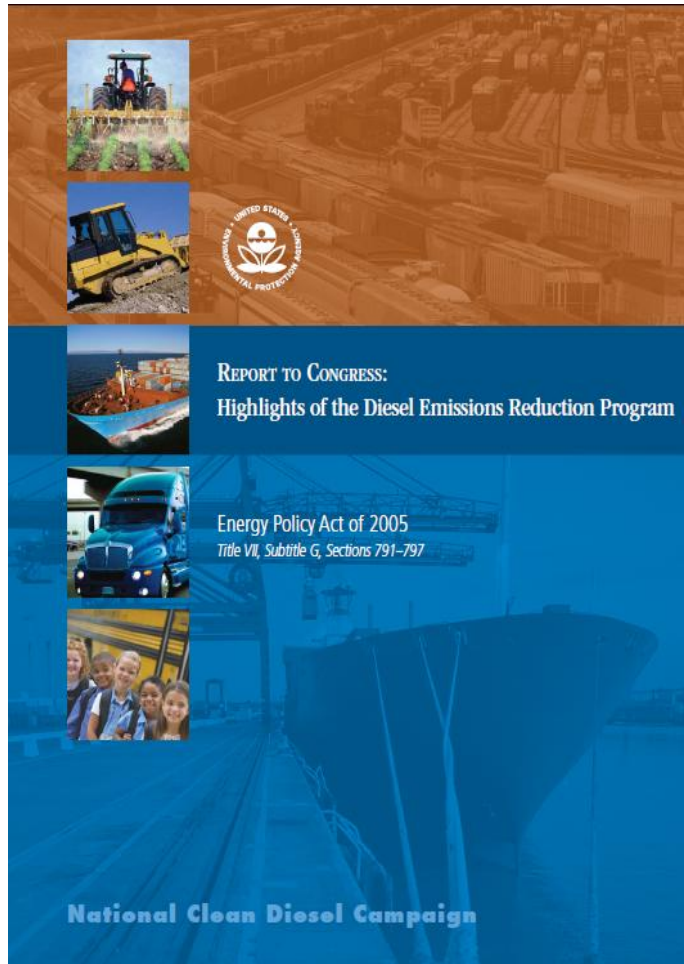
EPA launched National Clean Diesel Campaign & Regional Collaboratives

- Goal: *Reduce Emissions from the Legacy Fleet of over 11 Million Diesel Engines*
- Focused on Five Sectors:
 - School Buses
 - Ports
 - Construction
 - Agriculture
 - Freight (SmartWay Transport Partnership)

Regional Clean Diesel Collaboratives



DERA Legislation Brings New Funding Source to NCDC



- **Authorized by the Energy Policy Act of 2005 Sub-Title G, Sections 791-797**
- **\$200M per year for five years;**
 - \$49.2M appropriated for FY08
 - \$60M in FY09-10
- **Allows for “implementation” rather than “demonstration”**
- **203 National Grants Nationwide**
- **WCC Grants 2008-10**
 - 41 grants
 - \$25.8 Million
 - Matching \$36.5 Million
 - Monetary Health Benefits \$810 M

DERA Also Funds

- **Emerging Technology Grants**

- Innovative, non-verified technologies
- Eligible entities apply to use technologies listed on Emerging Technologies List
(www.epa.gov/cleandiesel)
- 25 grants, ~\$30 million
- 14 emerging technologies listed

- **SmartWay Finance Grants** – 12 grants, \$22 million

- Over-the-road and regional truck fleet upgrade
- APU rebates for independent owner-operators
- CNG retrofits of school buses
- Retrofit and repower of port, construction, and agricultural equipment

- **State DERA Grants** –All states and DC



Recovery Act Funding



Administrator Jackson announces first ARRA DERA grants in Cincinnati, OH for school buses.

- \$300 M for DERA to support job creation, stimulate economy and lower diesel emissions
- Nationally 600 applications for \$ 2 billion in requests with over \$2 billion in matching dollars
- WCC funded 21 ARRA projects for \$25.8 Million
 - Received 8 times more applications than it could fund

Example WCC Recovery Act Projects

(federal funds plus match)

- **School Bus Replacement**

- San Joaquin Valley \$43,150,00
- State of Nevada \$1,700,000



- **Switch Yard Locomotives**

- South Coast Rail Yards (CARB) \$12,000,000

- **Repower & Retrofit Cargo Equipment**

- Washington Department of Ecology \$1,700,000
- Port of Long Beach \$8,355,750

- **Shore Power**

- Port of Tacoma \$2,589,383



Other Sources of Federal Funding

- State and Federal Supplemental Environmental Projects (SEPs) contribute significant funding nationwide to diesel projects
 - North Slope Diesel Retrofit Project
 - \$9,884,278 BP Explore Inc. & Conoco Phillips Alaska
 - 547 Plug-ins, 99 Temp-a-starts, 254 Engine heaters, 486 remote start devices, 63 Diesel Oxidation Catalysts, 50 vehicle warm storage
- Congestion Mitigation and Air Quality Funding
 - Washington State Ferry Retrofits
 - \$2,100,000
 - Update 50 engines on 16 vessels



DERA FY 2011

- Anticipating ~\$60M again
- National competitive program
 - One national RFP
 - Target date for posting = Nov. 1st
- State program continuation
 - ~ Jan-May 2011 timeframe



National Clean Diesel Campaign

Clean Diesel 10 Conference

- October 19-20, 2010
- Washington, D.C.
- www.epa.gov/cleandiesel for more info and to register

Don't miss this ten year anniversary celebration and conference!

