



Metro Vancouver



- Integrated Air Quality and Greenhouse Gas Management Plan
 - Financing diesel retrofits
 - Implement older, in-use nonroad program
 - Enhanced I/M for HDD
 - Factor pollutant exposure in land use plans
 - Participate in BC Marine Vessel AQ Work Group
 - Assist BC Locomotive AQ Work Group
 - Encourage anti-idling regs in other municipalities

Diesel Engine Programs Elsewhere



State of Washington

Diesel exhaust – most harmful



Focus on older in-use diesel engines

- Heavy duty highway

- Non-road construction equipment

- Marine vessels and port related equipment

- Locomotive emissions (esp. switchyards)

Phased approach focused on these sources with priority for sensitive populations and disadvantaged communities

Diesel Engine Programs Elsewhere



State of Washington

Dept of Ecology
Since 2003



Motor Vehicle Acct	\$23.5 M
Local Toxic Control Acct	\$24.8 M
DERA	\$2.7 M
Air Pollution Control Acct	\$1 M
ARRA	\$1.7 M

Diesel Engine Programs Elsewhere



State of Washington



Puget Sound Clean Air Agency Since 2003

PSCAA	\$0.48 M
EPA Grants	\$8.9 M
Other partners	\$11.1 M
Vehicle title fee	\$6.0 M

Diesel Engine Programs Elsewhere



California



Diesel particulate – Toxic Air Contaminant

Diesel Risk Reduction Plan

Diesel Engine Programs Elsewhere



California



Funding

Carl Moyer - 1998

Funded by surcharge on new tires and smog abatement fees plus local air district fees

Prop 1B - 2006

General obligation bonds - \$20 B total
\$1.2 B for emission reduction projects

Diesel Engine Programs Elsewhere



Texas

Texas Emission Reduction Plan Since 2001

- Clean Transportation Triangle – Alternative Fueling Facilities Program
- Drayage Truck Incentive Program
- Emission Reduction Incentive Grants
- New Technology Research and Development Grants
- Rebate Grants
- Texas Clean Fleet Program
- Texas Clean School Bus Program
- Texas Natural Gas Vehicle Grant Program



Diesel Engine Programs Elsewhere



Texas

Texas Emission Reduction Plan



Funded from:

- Fees and surcharges from certificate of title purchase or lease of vehicle
- Registration and inspection of commercial vehicles

Estimated revenue in 2015 \$180.5 M

Expended to date: \$992 M



Clean Diesel Construction Specifications

LEED Credit

New York City

Massachusetts DOT

Dana-Farber Yawkey Center for Cancer Care

University of Pittsburgh Medical Center

City of Pittsburgh

City of Chicago

Cook County

State of Illinois

Tappan Zee Hudson River Crossing Project

Wind Turbine Construction Project – RI-MA

Container Terminal Construction Project – CA

Army Relocation of National Capital Region Facilities to Fort Belvoir –
VA

Pennsylvania DOT

State of New Jersey