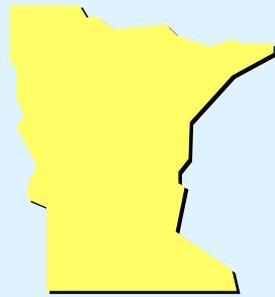


US EPA ARCHIVE DOCUMENT



# Minnesota Clean Diesel Coalition 2008 Update

November 13, 2008  
MCDI Leadership Group Meeting  
Chicago, Illinois

Bill Droessler, Minnesota Environmental Initiative  
Lucinda Legel, Flint Hills Resources  
Stephanie Grayzeck Souter, Minnesota Pollution Control Agency





# Project Green Fleet

- Voluntary, partnership-based
- Managed by Clean Air Minnesota (CAM), a program of the Minnesota Environmental Initiative (MEI). CAM is co-chaired by the Minnesota Chamber of Commerce and the Minnesota Center for Environmental Advocacy
- Public, private and non-profit participants:



# 2008 Accomplishments – School Bus Retrofits

- Mix of public and private funds for school bus retrofits
- Goal of retrofitting all 4000 eligible school buses
  - ~650 buses completed in 2008
  - ~1200 *total* done by the end of 2008
- 45 school districts/fleets involved to date; HeadStart programs as well
- EPA Clean Air Excellence Award
- Quantifying emission and exposure reductions



# 2008 Accomplishments – School bus retrofits



# 2008 Accomplishments – On Road Vehicles

- **MCDI grant** to Project Green Fleet to retrofit 19 public vehicles, including those involved in the Minnesota Twins stadium
- MPCA obtained **CMAQ funding** to retrofit a minimum of 200 public on-road vehicles in the Twin Cities metro area
  - Two vendors are in final stages of identifying vehicles
  - Will continue into 2009
- Minneapolis Idling Ordinance



Photo from City of Orono



Photo from City of Minneapolis



# 2008 Accomplishments – Other Sectors

- **Trucks** – MPCA's Small Business Assistance loan program for Auxiliary Power Units/bunk heaters
- **Ports** – retrofit and installed idle reduction equipment for wheel loaders at 4 port facilities in Saint Paul
- **Construction** – Braun InterTech, Cemstone and Aggregate Industries



Photo from Sommet truck center



Photo from Alibaba.com

# 2009 Goals and Targets

- Finalize the Minnesota Statewide Clean Diesel Plan
- Target other sectors – rail and ports
- Continue to develop Project Green Fleet partnerships
- Final goal of retrofitting all 4000 eligible school buses
- Quantifying emissions from *all* projects in Minnesota



Photo from [www.security-int.com](http://www.security-int.com)



Photo from Flint Hills Resources



# 2009 Goals and Targets

- Expansion of APU Loan Program
- Increased use of diesel emission reduction practices in contract language
- Education and outreach to promote idle reduction practices
- Promote and increase membership by Minnesota businesses in SmartWay Transport Partnership



# 2009 Funding Sources

- MCDI, EPA Region 5 funds – FTE, school bus retrofits, APU loans
- \$1.2 million in state funds – school bus retrofits
- CMAQ funds – on-road public vehicles
- Private fundraising



Photo from Flint Hills Resources

# Common Issues Across the Region

- Expansion into other sectors
- SmartWay Transport Partnership
- Maintaining Minnesota's attainment status of NAAQS
- Reduction in PM for the state
- Reduce health risks for children and others



*Photo from Flint Hills Resources*



# Create Actions that Stir the Imagination

- Minnesota Statewide Clean Diesel Plan
- Neighborhood scale involvement – Phillips neighborhood
- Targeting unique projects
  - Twins Stadium
  - 35W Bridge
  - Central Corridor Light Rail



Image from Paul Weir

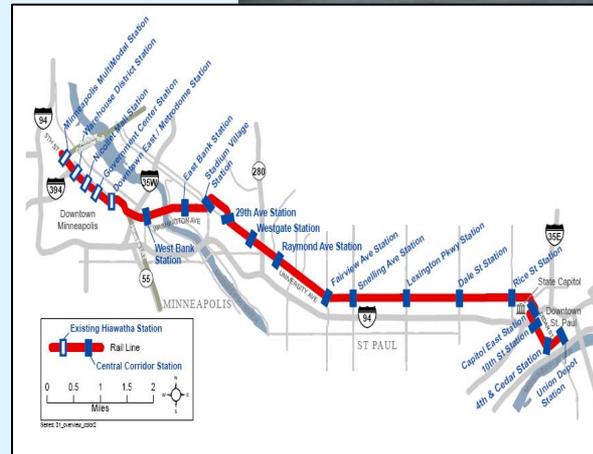


Image from Minnesota Ballpark Authority



# Coalition Question/Issues

- Tying into climate change strategies?
- Opportunities for collaboration across political boundaries for capital intensive projects?



*Photo from Minnesota Public Radio*

