

Minnesota Clean Diesel Coalition 2008 Update

November 13, 2008
MCDI Leadership Group Meeting
Chicago, Illinois

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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



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

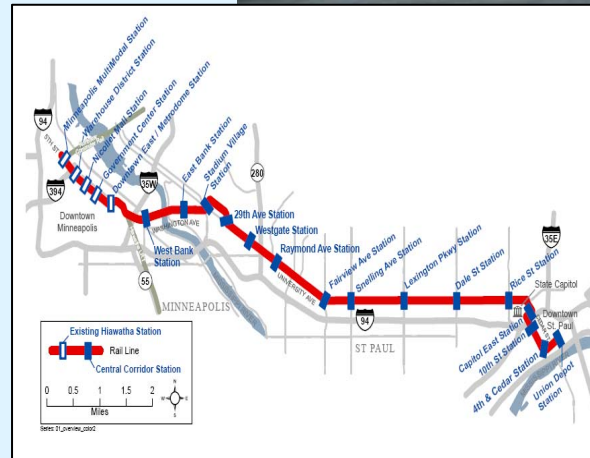


Image from Minnesota Ballpark Authority



Coalition Question/Issues

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



Photo from Minnesota Public Radio

