

MINNESOTA COALITION

MCDI Leadership Group Meeting, July 1, 2010



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Coalition History

- MN has a problem; talk it over, and
- Chamber, MCEA, MPCA call to action
- MEI – Clean Air MN – Project Green Fleet
- Romance and Courtship

Coalition History

- Partners – Flint Hills Resources and other corporate partners
- Education and Outreach
- Spaghetti and walls
- Results - and fast

Coalition Accomplishments

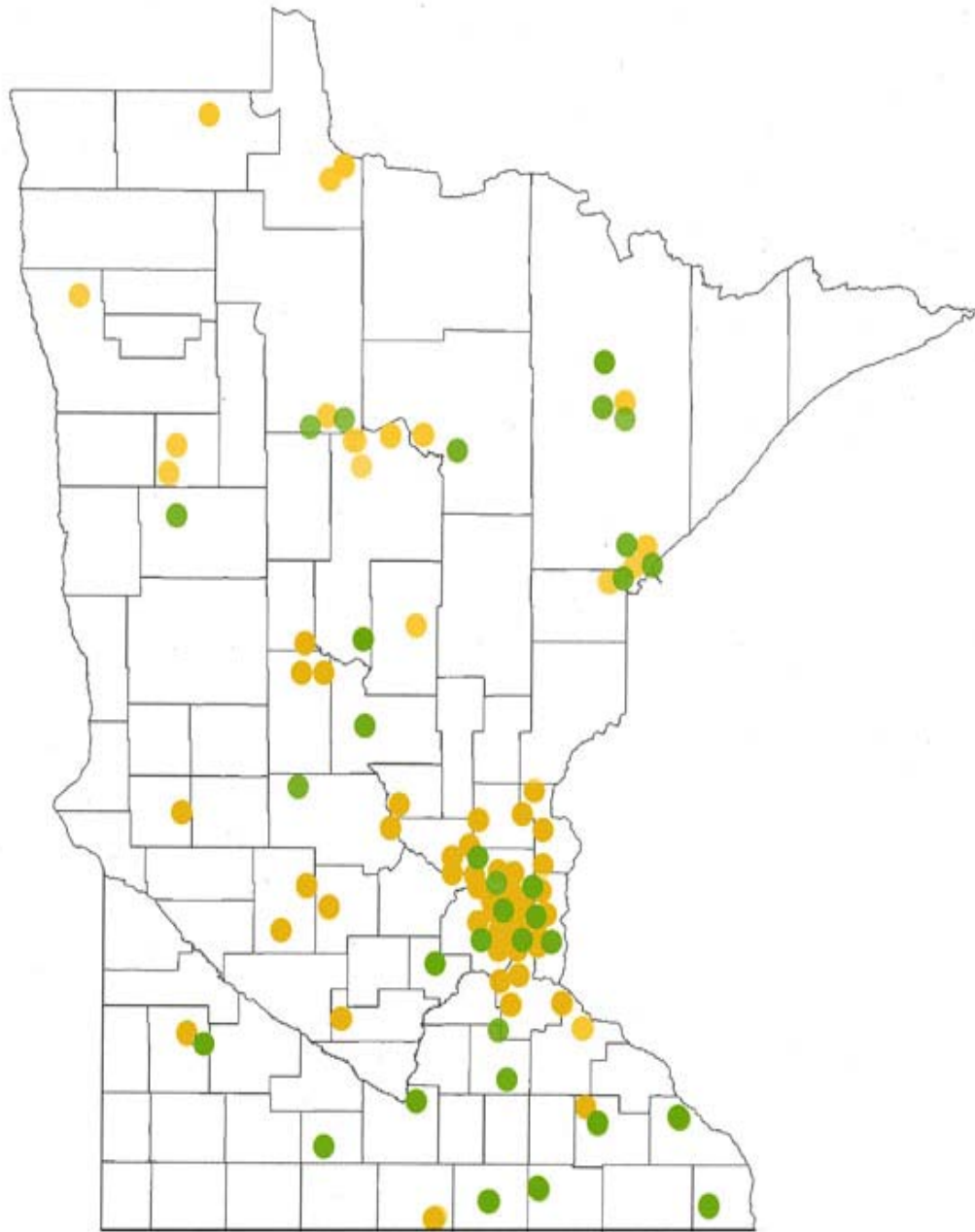
Funding: ~ \$12.1M

- MPCA
 - State \$2.4M to PGF school bus work
 - CMAQ \$625K
 - DERA \$592K, portion to PGF school bus work
 - ARRA \$1.73M
- MEI
 - EPA 8 grants, 3 regions \$4.78M
 - State and Local Govt. \$564K
 - Private Foundation \$315K
 - Corporate \$1.1M

Coalition Accomplishments

Projects:

- State Diesel Emission Reduction Strategy with MEI, MPCA, EPA, and coalition partners
- MEI/CAM/MnTAP printer and auto body projects
- MEI and PGF coalition
 - State and National awards
 - >1850 school buses (~180,000 students)
 - >405 heavy-duty diesel engines (trucks, buses, trains, construction equipment; multiple technologies)



Current Projects

- In every federal legislative district
- Mix of public/private fleets and equipment
- Multiple technologies
- 4 tribes

Now





DIESEL RETROFITS

A Rural Community Based Effort

Air Quality Specialist Brandy Toft
Leech Lake Band of Ojibwe

Coalition Accomplishments

- MPCA Projects:
- ARRA
 - 167 APU's, 47 TRU's, 27 retrofits, 6 repowers
- DERA
 - 65 buses (PGF), 15 APU's
 - Airport and metro Rail ground equipment
- CMAQ
 - 367 heavy-duty public entity trucks; including 30 fire trucks

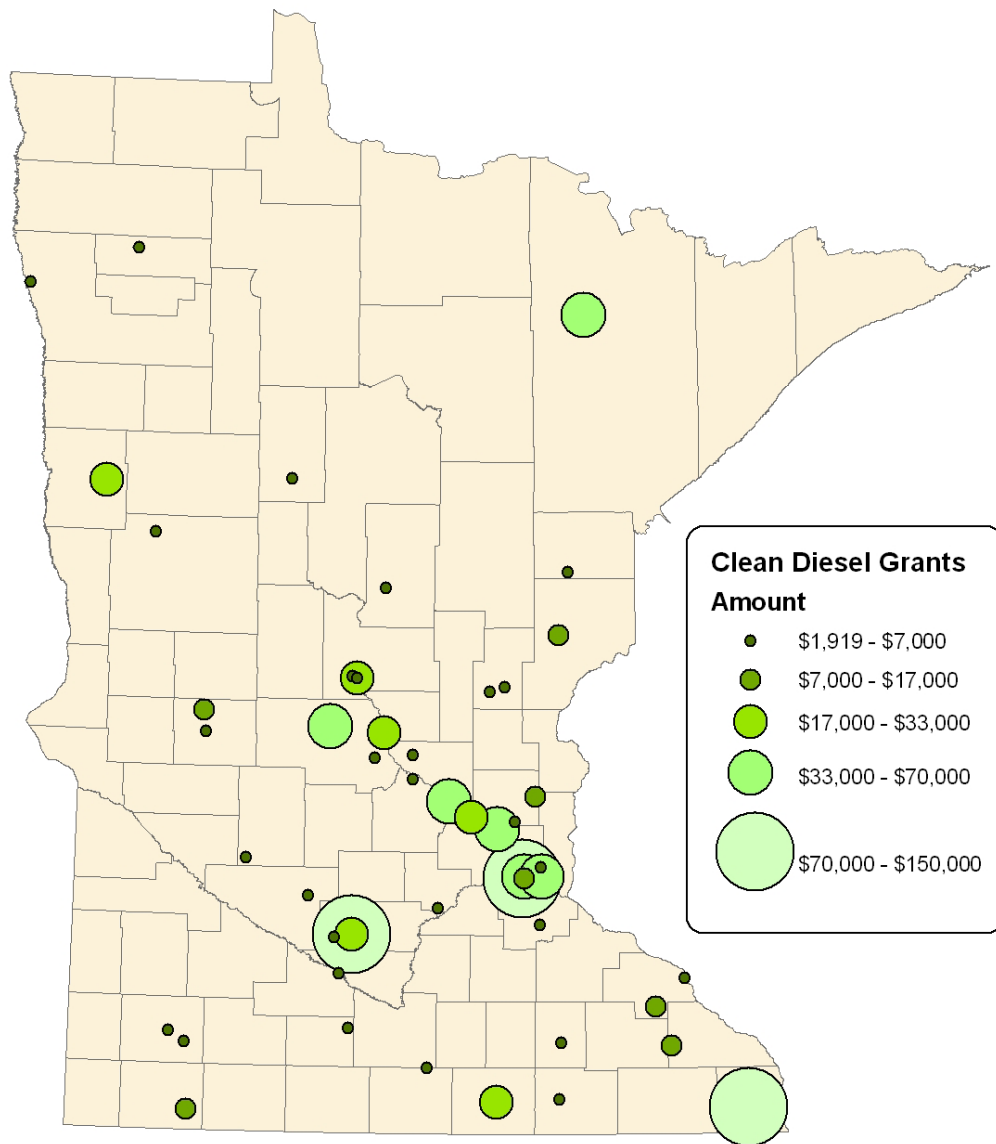


Now

- CMAQ, DERA MN State allocation
- Trucks and Emergency Equipment
- Boats
- Over the Road Trucks
- Multiple Technologies



Current Grants

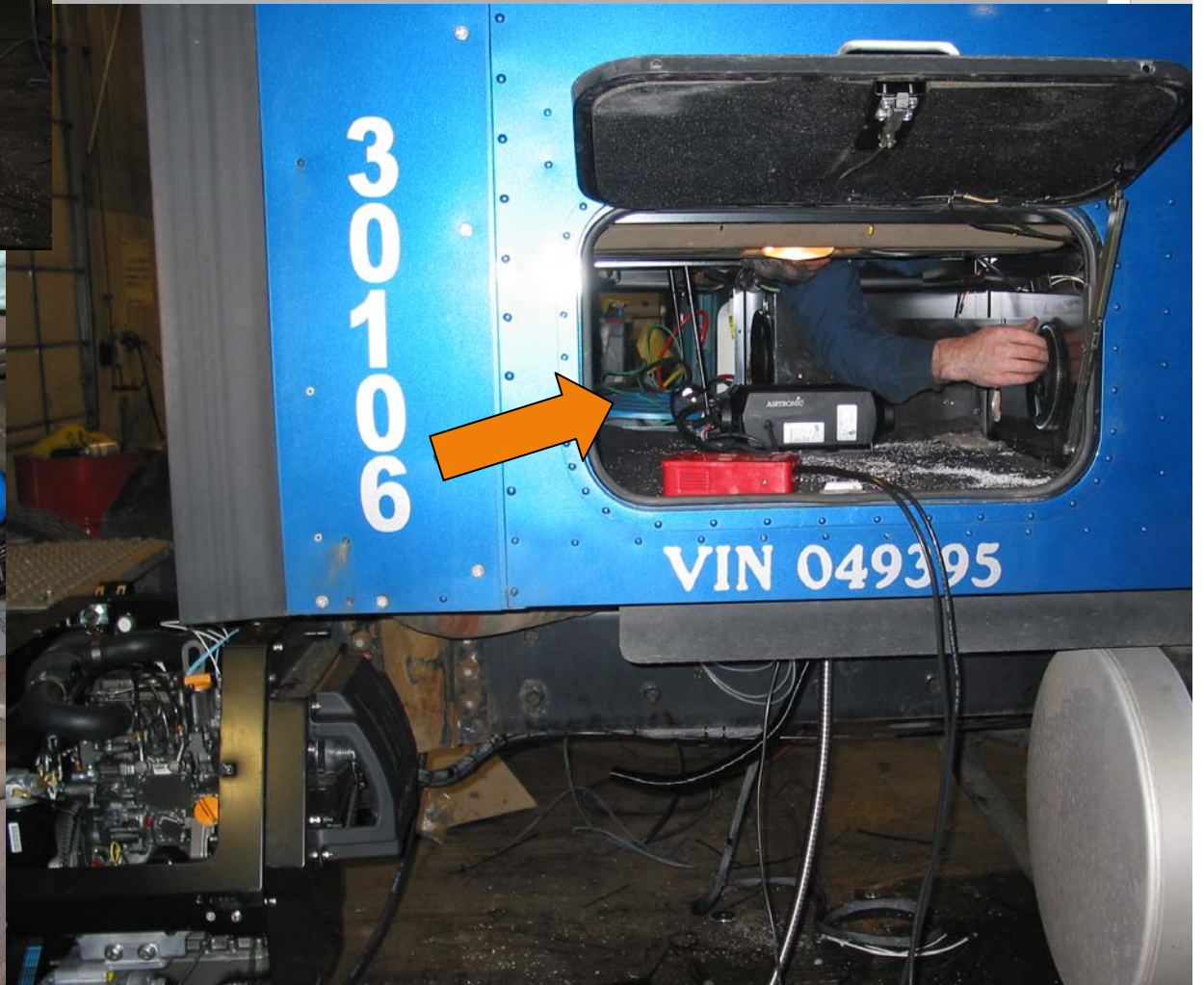
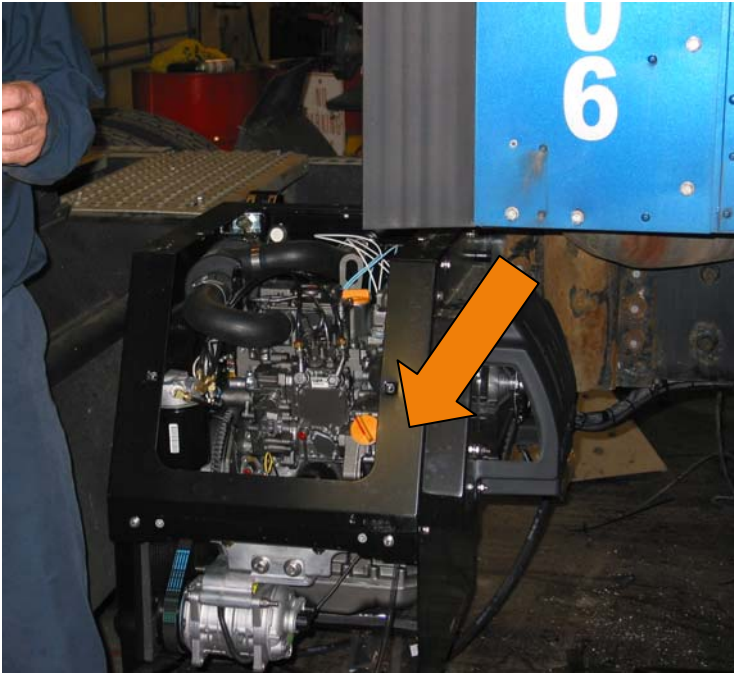


- **Recovery Act**
 - 167APUs
 - 47 trailer refrigeration engines,
 - 27 emission reduction retrofits and
 - 6 new engines.



Current Grants

- Recovery Act
 - Installing 167 APUs



Current Grants

- **Recovery Act**
 - 6 new engines.



Future

- DERA plans include Rail yard emissions &
- Airport ground equipment



Future

- Complete the remaining 1400-1600 school buses
- Decision-maker education
- New industry sectors
- Keep plugging away at elements in MN Diesel Emission Reduction Strategy



Challenges

- Imminence of other threats and issues
- Funding - interest and will
- Brave New World in MN
 - New federal criteria air pollutant standards
 - Potential non-attainment issues
 - Focus more on mobile and area source emissions reduction
 - Perspectives of new administration

Challenges - Answers

- Re-engagement
 - Vision, Strategic, and Tactical elements
- Education and draw in other decision-makers (legislators, civic leaders, new industries)
- Maintaining collaborative; robust public-private model in new fiscal and nonattainment reality
 - Experimental
 - Track record of success

Thank you.

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