



# Michigan Clean Diesel Initiative (MiCDI)

November 13, 2008  
Midwest Clean Diesel  
Leadership Group Meeting

# MiCDI: 2008 Accomplishments

## The Michigan Clean Diesel Coalition

- ◆ 124 participants since the MiCDI's inception in October 2007
- ◆ 62% of participants are Michigan-based
- ◆ Other participants come from IL, OH, IN, MN, WI, and as far away as WV, NC, TN and British Columbia, Canada.

# MiCDI: 2008 Accomplishments

## MiCDI Planning Committee

### – Headed by Two Non-state Co-Chairs

- ◆ Lisa Goldstein of Southwest Detroit Environmental Vision, a non-profit environmental advocacy group
- ◆ Terry Raupp of Cummins Engine, Green Bay, WI

### – Meeting schedule

- ◆ Conference calls each quarter

### – State support for MiCDI activities

- ◆ To provide administrative and technical support of the coalition's efforts
- ◆ Limited to 1.5 FTEs (+/-) from the Michigan Department of Environmental Quality (MDEQ)

# MiCIDI: 2008 Accomplishments

## ◆ Coalition Makeup

- 34% emissions reduction/engine equipment manufacturers
- 14% State and federal officials
- 8% Fuels and lubricant wholesalers/retailers
- 7% Associations
- 7% Clean Cities Coalitions & Non-profits
- 6% Local and County Agencies
- 5% Trucking Companies
- 3% Retail fleets
- 16% Other (i.e. universities, school districts, consultants, port facilities, etc.)

# MiCDEI: 2008 Accomplishments

## Activities from October 2007- September 2008

- Coalition meetings held: 3
- Meetings attended to support statewide public transportation-related initiatives: 4
- Attendance and support of Clean Cities' activities: 12
- Private industry seminars attended: 1
- Metropolitan planning organization meetings attended: 15
- Clean School Bus activities: 4

# MiCIDI: 2008 Accomplishments

## Activities from October 2007- September 2008

### – Web site established

- ◆ [www.michigan.gov/deqair](http://www.michigan.gov/deqair) (Select “Assessment and Planning from the left-hand menu, then “Mobile Sources” from the middle of the page. Look for “Michigan Clean Diesel Initiative” half-way down in the middle of the page).

### – Applied for and received State Clean Diesel funding from National Clean Diesel Campaign

- ◆ Used private industry funding to leverage additional State Clean Diesel funding from the U.S. EPA

# Plans for 2009

## ◆ Objective 1: Develop and support state coalitions

### Current work plan and goals for 2009

#### ◆ Increase recruiting and marketing efforts/develop a plan for expansion of membership in MiCDI to:

- Private fleets (in the manufacturing, retail, wholesale & transportation sectors)
- School districts and higher education academic institutions
- Local jurisdiction and county agencies
- Equipment and technology providers
- R&D companies concentrating on advanced technology (i.e. hybrids) and alternative fuels
- Private foundations
- Regional biofuels initiatives

# Plans for 2009

## ◆ Objective 1: Develop and support state coalitions

### Current work plan and goals for 2009

#### ◆ *Develop a communication strategy*

- Meeting minutes from coalition meetings posted on the web.
- Periodic e-mail updates; other methods – a newsletter?

# Plans for 2009

- ◆ Objective 1: Develop and support state coalitions

  - Current work plan and goals for 2009

    - Provide support for adjunct Clean School Bus projects in the state

      - ◆ Self-initiated by local school districts
      - ◆ Grant-encouraged by the U.S. EPA
      - ◆ Federal and state SEP-initiated (Okemos Public Schools is doing a series of southeast Michigan diesel emission retrofit projects).

# Plans for 2009

- ◆ Objective 1: Develop and support state coalitions

  - Current work plan and goals for 2009

    - Support MDEQ SIP Efforts and Statewide Climate Change Activities

      - ◆ Voluntary efforts and activities to be concentrated in the state's ozone and particulate matter non-attainment areas.

# Plans for 2009

## ◆ Objective 1: Develop and support state coalitions

### Current work plan and goals for 2009

- Work more closely with the energy programs within the Michigan Department of Energy, Labor and Economic Growth, and the Michigan Department of Agriculture to identify opportunities for R&D, financing and product promotion for coalition members.
- Support and coordinate MiCDI activities with those of the state Clean City Coalitions.

# Plans for 2009

- ◆ Objective 1: Develop and support state coalitions

## Current work plan and goals for 2009

- Develop a closer working relationship with the Michigan Department of Transportation (MDOT)
  - ◆ Encourage greater and more efficient use of existing transportation infrastructure to decrease the amount of overall state vehicle miles traveled.
  - ◆ Reduce statewide vehicle idling and traffic congestion.
  - ◆ Promote greater coalition use of CMAQ funding.

# Plans for 2009

- ◆ Objective 2: Award of EPA funds and generation of non-EPA funding sources
  - The MiCDI currently does not use any non-federal funding sources for coalition-supported diesel emissions reduction projects.
  - Coalition members provide limited levels of in-kind support (i.e. activity promotion, meeting refreshments, facility use, etc.).

# Plans for 2009

- ◆ Objective 3: Address common issues across the Region
  - Support MDEQ SIP Efforts and Statewide Climate Change Activities
    - ◆ (7) Counties in Metro Detroit area in non-attainment for  $PM_{2.5}$  (two monitors in SW metro Detroit with the highest violations).
    - ◆ A proposed SIP is due in 2012 with attainment reached by 2014.
    - ◆ MiCDI activities and projects are a part of the local control and voluntary measures the state is implementing as part of their attainment strategy.

# Plans for 2009

- ◆ Objective 3: Address common issues across the Region
  - Support MDEQ SIP Efforts and Statewide Climate Change Activities

## The Southeast Michigan Diesel Emissions Reduction Project

- A voluntary partnership between MDEQ, Marathon Oil Company, LLC and the Detroit Public Schools (DPS).
- Purpose: To retrofit 160 (+/-) DPS school buses with diesel emissions reduction technology between 2008 and 2010.
- Promotion of project done through an educational flyer distributed to the school community.

# Plans for 2009

- ◆ Objective 3: Address common issues across the Region
  - Support MDEQ SIP Efforts and Statewide Climate Change Activities
    - ◆ Work with the Governor's Office and the Michigan Climate Action Council (MCAC) on any future adaptation and mitigation climate change activities in the transportation arena.
- Promotion of low carbon fuel use
- Eco Driving Program
- Truck Idling
- Advanced Vehicle Technology
- Congestion Mitigation
- Land Use Planning
- Transit and Travel
- Rail Capacity & Bottlenecks
- Great Lakes Shipping

# Plans for 2009

## ◆ Objective 4: Create Actions that Stir the Imagination – “Wish List” Items

### Increase recruiting and marketing efforts

- ◆ Develop promotional brochure for the MiCDI
  - Networking benefits
  - Organization’s name posted on MiCDI web
  - Stressing early notification of financing and other strategic partnership opportunities

# Plans for 2009

- ◆ Objective 4: Create Actions that Stir the Imagination – “Wish List” Items
  - State Clean Diesel Program Strategy
    - ◆ Work closer with statewide local and county agencies and their fleets
      - Provide continuing education
      - Assist in the development of local diesel emission reduction projects
      - Assist in locating financing opportunities

# Plans for 2009

- ◆ Objective 4: Create Actions that Stir the Imagination – “Wish List” Items
  - Develop a communication strategy
    - ◆ Workshop(s) designed to strengthen, enhance and bridge the communication divide between public and private organizations.
      - Partner with the state’s Green Construction/Green Jobs initiatives to connect with non-road diesel emission sources and promote statewide diesel emissions reduction activities.

# Plans for 2009

- ◆ Objective 4: Create Actions that Stir the Imagination – “Wish List” Items
  - Develop a closer working relationship with the Michigan Department of Transportation (MDOT)
    - Encourage the use of Tier II or better engine technology, and the use of diesel retrofit equipment in state contracts for road and non-road projects in non-attainment areas of the state.

# Coalition Question/Issues

- ◆ Upcoming Issues of Concern: Future Funding
  - State 1.5 FTE administrative support for the MiCDI is through a combination of federal and state restrictive fee funding
    - ◆ Current status: Federal funds have been decreasing annually and state restrictive fee funding is running out (must be reauthorized in FY 2010).

# Coalition Question/Issues

- ◆ How do coalitions maintain the interest of participants?
- ◆ What activities are covered during meetings and conference calls?
- ◆ What other external groups does the coalition work with?
- ◆ What other state agencies does the coalition work with?



# Michigan Clean Diesel Initiative (MiCDI)

Thank You!

Other Questions?