



Michigan Climate Action Council  
Department of Environmental Quality



# Michigan Climate Action Council (MCAC)

TLU Technical Work Group (TWG)  
Meeting #2  
January 30, 2008

Michigan Department of Environmental Quality  
The Center for Climate Strategies

# Agenda

1. Introductions
2. Meeting Purpose and Goals
3. Approval of Prior Call Summary
4. Development of Michigan Catalog of States Actions
5. Development of Michigan Emissions Inventory and Forecast
6. Review of Next Steps
7. Agenda, Date and Time for Next Meetings
8. Public Comments
9. Announcements

# Purpose and Goals

- Council will act in advisory capacity to:
  - Produce GHG inventory and forecast from 1990-2020
  - Consider potential actions to mitigate and adapt to climate change
  - Develop a comprehensive climate action plan
  - Advise State/local governments on measures

# Goals for MCAC Meeting #2- February 14, 2008

- Addition of Potential State Actions to the Catalog of State Actions
- Review MI Emissions Inventory and Forecast
- Review Options for Establishment of Preliminary State Goals and Targets

# Approval of Prior Call Summary

# Stepwise Planning Process

1. Develop inventory and forecast of emissions
2. Identify a full range of possible actions
3. Identify initial priorities for analysis
4. Develop straw proposals
5. Quantify GHG reductions and costs/savings
6. Evaluate externalities, feasibility issues
7. Develop alternatives to address barriers
8. Aggregate results
9. Iterate to final agreements
10. Finalize and report recommendations

# Technical Work Group (TWG) Roles

- Assist MCAC
  - Identify potential state actions
  - Identify potential priorities for analysis
  - Suggest straw policy designs
  - Assist with analysis and review of options
  - Assist with development of policy alternatives
  - Assist with input to and review of MCAC reports
  - Review and assist with the state GHG inventory and forecast

# Timing

<b>Date</b>	<b>Action</b>
December 12, 2007	1 <sup>st</sup> MCAC meeting
February 14, 2008	2 <sup>nd</sup> MCAC meeting
April 25, 2008	3 <sup>rd</sup> MCAC meeting and Interim Report
June 18, 2008	4 <sup>th</sup> MCAC meeting
September 2008	5 <sup>th</sup> MCAC meeting
November 2008	6 <sup>th</sup> MCAC meeting
December 31, 2008	MCAC Final Report due
Between MCAC Meetings	TWG conference calls and meetings

# MI TLU TWG Catalog

- See separate Catalog of State Actions

# Potential Additional Strategies

Edison, Michael, et al. "Michigan at a Climate Crossroads: Strategies for Guiding the State in a Carbon-Constrained World" April 17, 2007. Center for Sustainable Systems, University of Michigan.

- Ethanol Production
  - Production Tax Credit (PTC) to encourage in-state ethanol production (*\$0.05 per gallon for corn based ethanol produced and \$0.12 for cellulosic based ethanol produced*).
  - Renewable Motor Fuels Standard – Mandate that 10% of motor fuels come from renewable sources by 2010 and 25% by 2025.
  - Tax credits to encourage Alternative Vehicle Technology in Michigan. (*Tax credits vary depending on the technology used, from \$500 (Ethanol-Flex Fuel vehicles) to \$10,000 (Hydrogen fuel cell vehicles)*)

# Potential Additional Strategies

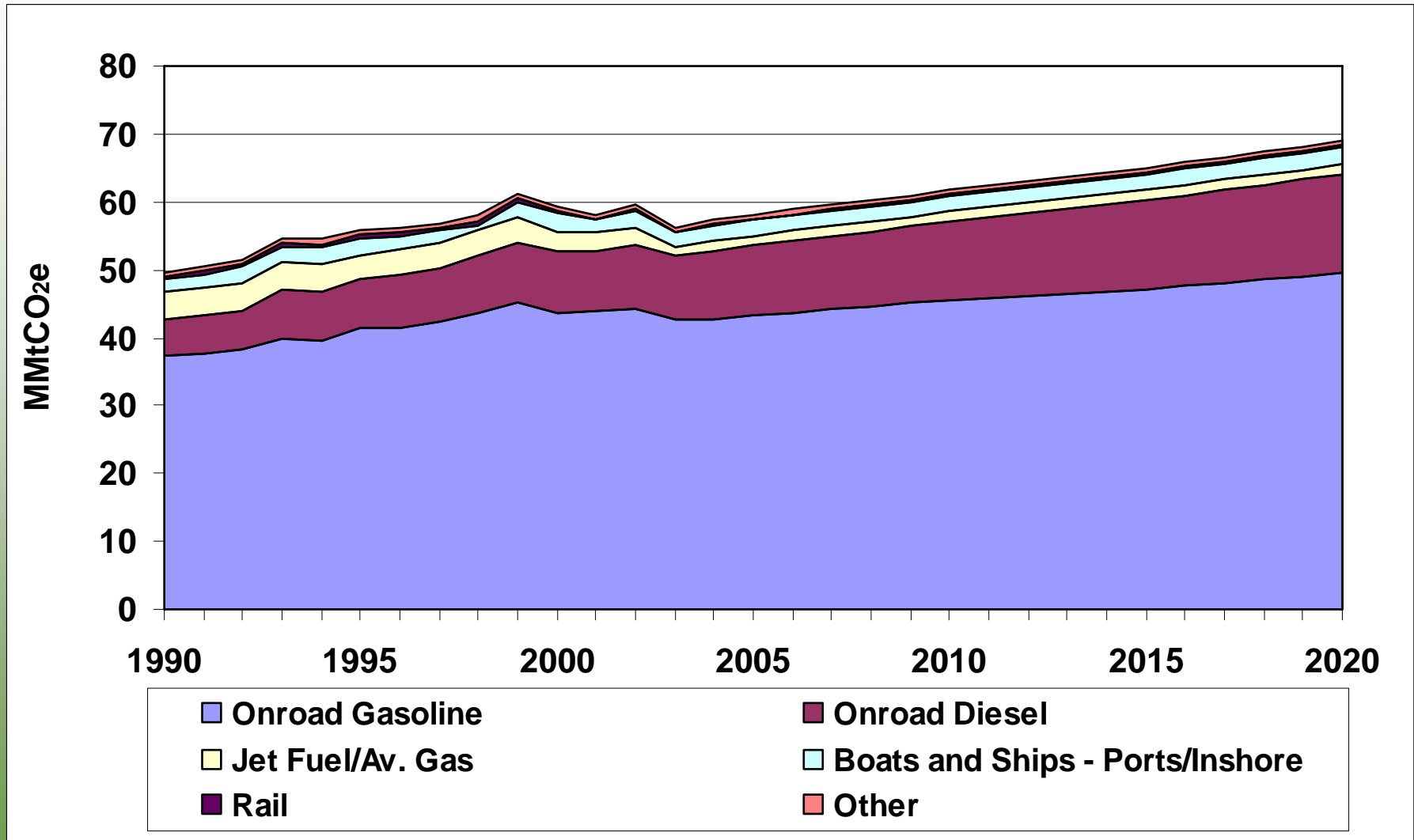
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- Mass-Transit
  - Mandatory Fuel Switching of public buses to biodiesel (B20).
  - Study of Improved Mass Transit along Detroit-Ann Arbor corridor. (*Study suggests some combination of: improved bus system, alternative fuels in transportation vehicles, or development of an ultra-light personal mass transit system*).

# GHG Inventory & Forecast

- Inventory and appendices posted at:  
<http://www.miclimatchange.us/stakeholder.cfm>.

# Michigan Transportation

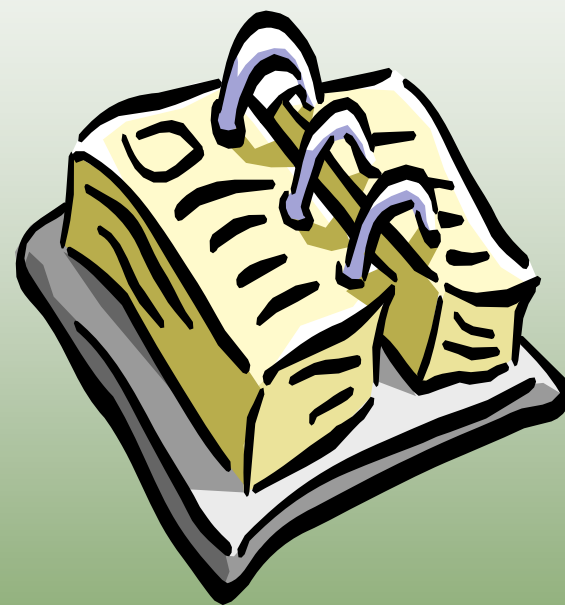


# Next Steps

- Schedule next TWG meetings
- Today- Identify potential actions that are missing from the Catalog
- Today- Provide Input on draft MI Emissions Inventory- Forecast
- After MCAC Meeting #2- Identify priority state actions from the Catalog
  - Rank and screen options as needed
  - Recommend initial priorities for analyses

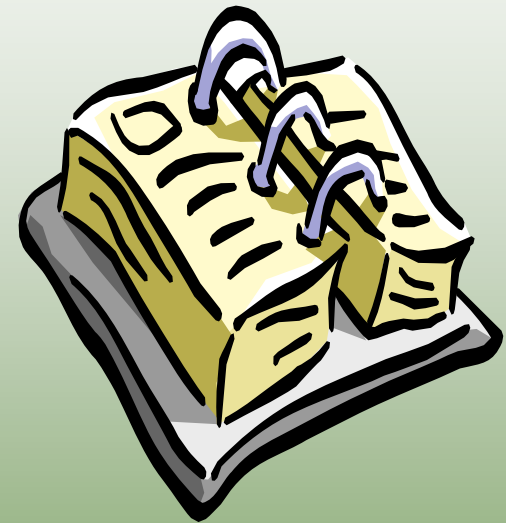
# Next MCAC Meeting

- Agenda:
  - Formulate catalog of potential state actions
  - Review TWG suggested updates to the MI emissions inventory and projection
  - Prepare to identify initial priorities for analysis
  - Begin discussion of GHG Reduction Goals for Michigan
- Date: February 14, 2008 at MSU Union in E. Lansing



# Next TWG Meetings

- Agenda:
  - Begin screening and prioritization of state actions
  - Review MI emissions inventory and forecast projections
- Time and Date TBD



# Public Input, Announcements