

# Maryland Climate Change Commission Technical Working Group

## **Transportation and Land Use**

### Meeting #10

February 12, 2008

Maryland Department of the Environment

Maryland Energy Administration

Center for Climate Strategies

# Today's Agenda

- Call to order and roll call
- Review and approve prior meeting summary
- Review progress on straw proposals
- Discuss quantification to date
- Modification to straw proposal and quantification for 02/19/08 MD MWG meeting
- Confirm agenda, time and date for next meeting & subsequent TWG meetings
- Public input and announcements

# Stepwise Planning Process

1. Develop inventory and forecast of emissions - Ongoing
2. Identify a full range of possible actions - **Sept. 7-28**
3. Identify initial priorities for analysis - **Oct 26**
4. Develop straw proposals - **November**
5. Quantify GHG reductions and costs/savings - **Dec/Jan**
6. Evaluate externalities, feasibility issues - **Dec/Jan**
7. Develop alternatives to address barriers - **January**
8. Aggregate results - February
9. Iterate to final agreements - Feb/March
10. Finalize and report recommendations - March

# Key Discussion Items

- VMT: Related option restructuring
- TLU-4: Low GHG Fuel Standard
  - Should we revise the 10% reduction objective?
- TLU-9: Pricing Measures
  - What added VMT fee is needed to meet VMT target.

# Key Discussion Items (cont.)

- TLU-11: Evaluate the GHG Emissions Impacts of Major Projects
  - Discuss one pager
- All policy options: Review/discuss quantification

# Summary List of Draft Priority Policy Options for Analysis

Option No.	Policy Option	GHG Reductions (MMtCO <sub>2</sub> e)			Net Present Value 2008–2020 (Million \$)	Cost-Effectiveness (\$/tCO <sub>2</sub> e)	Level of Support
		2012	2020	Total 2008–2020			
TLU-1	Carbon Tax via fuel (\$0.15 > \$2.00/gal)	0.8	2.5	16.4	TBD	TBD	Pending
TLU-2	Land Use and Location Efficiency	2.5	7.5	48.6	TBD	TBD	Pending
TLU-3	Transit	1.1	2.8	20.3	TBD	TBD	Pending
TLU-4	Low Greenhouse Gas Fuel Standard	1.4	3.8	25.6	TBD	30-90	Pending
TLU-5	Intercity Travel: Aviation, High Speed Train, Bus	TBD	TBD	TBD	TBD	TBD	Pending
TLU-6	Pay-as-you-Drive Insurance	1.0	4.3	27.2	TBD	TBD	Pending
TLU-7	VMT Budgets	NA (implemented via TLU-2, et al.)					Pending
TLU-8	Bike and Pedestrian Infrastructure	Included in TLU-3					Pending
TLU-9	Pricing Measures	TBD	TBD	TBD	TBD	TBD	Pending
	Commuter Choice	1.9	2.2	21.0	TBD	TBD	Pending
	Mileage charge	TBD	TBD	TBD	TBD	TBD	Pending
TLU-10	Off-Road Engines/Vehicles	0.1	0.4	2.44	TBD	(200)-1500	Pending
TLU-11	Evaluate the GHG Emissions Impacts of Major Projects	NA					Pending
	<b>Sector Total [before] Adjusting for Overlaps</b>	11.25	23.9	TBD	TBD	TBD	
	<b>Reductions From Recent Actions</b>	TBD	TBD	TBD	TBD	TBD	
	<b>Sector Total Plus Recent Actions</b>	TBD	TBD	TBD	TBD	TBD	

# TWG/MWG Next Steps

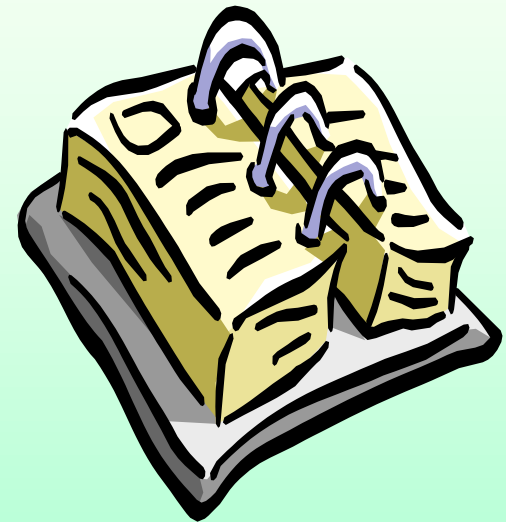
- CCS will revise the straw proposals.
- Present revised quantifications at February 19<sup>th</sup> MWG meeting.

# Key Dates

<u>Date</u>	<u>Meeting</u>
February 19 <sup>th</sup> , 2008	7 <sup>th</sup> MWG Meeting
March 19 <sup>th</sup> , 2008	8 <sup>th</sup> MWG Meeting
April 20, 2008	Final Report
Between MWG Meetings	Technical Working Group (TWG) Calls and/or Meetings

# Next TLU TWG Meetings

- Date and Time
  - February or March, 2008
  - After Feb. 19<sup>th</sup> MWG meeting
- Agenda
  - Address MWG comments
  - Further develop straw proposals



# Public Input, Announcements