



Arkansas Governor's Commission on Global Warming

Transportation and Land Use
Technical Work Group
Meeting #7, June 2, 2008

Office of the Governor
Center for Climate Strategies

Agenda

1. Introductions
2. Review and Approval of Prior Call Summary
3. Review of Next Steps for TWG
4. Review Results of 5/19/08 GCGW Meeting #6
5. Discuss Draft Policy Options Approved by the GCGW
6. Review and Discuss Draft Straw Proposals
7. Review and Discuss Development of Transportation Sector GHG Inventory and Forecast
8. Discuss Quantification Approach
9. Agenda, Date and Time for Next Meetings
10. Public Comments and Announcements

Review Results from GCGW Meeting #6

- GCGW Comments on Policy Options
- GCGW Approval of Options

Voting Results on Policy Design from GCGW Meeting #6

- TLU-1 (Infrastructure for Plug-In Vehicles)—Approved without objection.
- TLU-2 (Research and Development for Renewable Transportation Fuels)— Approved without objection, with the modifications as discussed at GCGW meeting.
- TLU-3 (Smart Growth, Pedestrian, and Bicycle)—Approved without objection, with modifications as discussed at GCGW meeting.
- TLU-4 (Procurement of Efficient Fleet Vehicles (Passenger and Freight)—Approved without objection, with modifications as discussed at GCGW meeting.
- TLU-5 (Promote and Facilitate Freight Efficiency)—Approved without objection.
- TLU-6 (Improve and Expand Transit Service and Infrastructure—Approved without objection, with the modifications as discussed at GCGW meeting.
- TLU-7 (School and University Transportation Bundle)—Approved without objection.
- TLU-8 (Alternative-Fuel Development and Expansion)—Approved without objection, with the modifications as discussed at GCGW meeting.
- TLU-9 (Public Education)—Approved without objection, with the modifications as discussed at GCGW meeting.
- TLU-10 (New Vehicle Standards: Tailpipe GHG and Fuel Economy—Approved without objection, with the modifications as discussed at GCGW meeting.

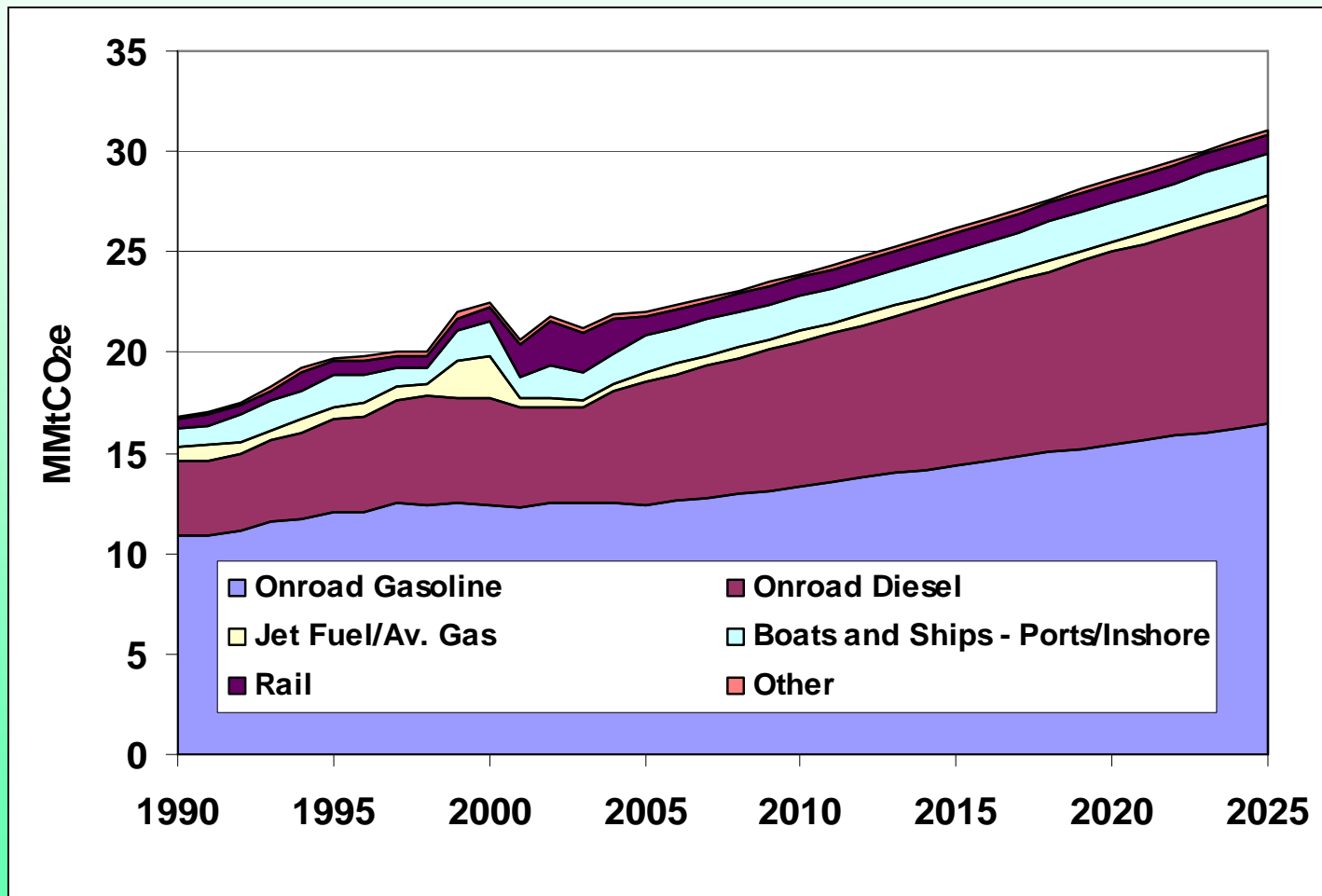
Stepwise Planning Process

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

Overview of Transportation Sector GHG Inventory and Forecast

- GHG emissions between 2005 and 2025 expected to increase by:
 - 32% for on-road gasoline consumption
 - 78% for on-road diesel consumption
 - ~0% for aviation
 - 15% for marine vehicles
- By 2025, the share of transportation emissions from on-road gasoline decreases to 53% while the share of transportation emissions from on-road diesel increases to 35%.
- Overall, the transportation sector GHG emissions in Arkansas are expected to increase to 31 MMtCO₂e by 2025, a 41% increase over 2005 emission levels.
- Uncertainties in Forecast Identified

Overview of Transportation Sector GHG Inventory and Forecast



Quantification Approach

- Review of Quantification Approach
- Overview of Methodologies from Catalog

Next Steps for TLU TWG

- Examine quantification of emissions reductions and cost/savings
- Discuss implementation methods
- Look at related programs and policies

Next TLU TWG Meeting

- Dates/Times for Next TWG Calls
 - TLU TWG Call #8 –
Monday, June 9, 2008, 10:30 AM Central
Time
 - TLU TWG Call #9?



Public Input, Announcements