



South Carolina Climate, Energy & Commerce Advisory Committee

AFW Technical Working Group
Waste Management Sub-group
Meeting #8

December 13, 2007

Office of the Governor
The Center for Climate Strategies

Agenda

- Call to order and roll call
- Review and approval of previous call summary
- Review comments from the November 30 CECAC Meeting
- Next steps for the AFW TWG – Quantification of actions
- Discussion and Recommendations for the Draft South Carolina Emissions Inventory & Forecast
- Date, time, & agenda items for next meeting
- Public Input and Announcements

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

Straw Proposal Status Update: Workgroup Volunteers

- Straw proposals reviewed by CECAC.
 - Set to move forward with quantification of all options

Notes from CECAC Meeting #4

- AFW-8: CECAC would like to see a range of benefits/costs estimated for the current goal, as well as a 50% recycling goal. CECAC would also like to see info on current levels of recycling by county.
- AFW-9&10: No significant issues.

Next Steps: Development of Priority Policy Options

- Design Template / Matrix
 - Policy description
 - Policy design (derived from design options matrix)
 - Potential implementation mechanisms
 - Related policies/programs in place
 - Type(s) of GHG reductions
 - Estimated GHG savings and cost per MTCO_{2e}
 - Key uncertainties
 - Types of additional (non-GHG) benefits and or costs
 - Description of feasibility issues, if needed
 - Status of group approval
 - Level of group support
 - Barriers to consensus

Next Steps: Dates for Remaining CECAC and TWG Meetings

Scheduled CECAC Meetings:

- Meeting #5: Friday, February 22, 2008
- Meeting #6: Friday, May 9, 2008
 - Meeting Time: 10:00 am – 5:00 pm

Scheduled TWG Meetings:

- Meeting #9: Tuesday, January 22, 2008
- Meeting #10: Thursday, March 6, 2008
- Meeting #11: Thursday, April 17, 2008 (if necessary)
 - Meeting Time: 10:00 am – 11:00 am (Waste Management)
 - Meeting Time: 2:00 pm – 4:00 pm (Agriculture and Forestry)

Next Steps: Quantification of Options

- Review of general methodology
- See AFW Policy Options Document
 - Posted online and distributed via e-mail

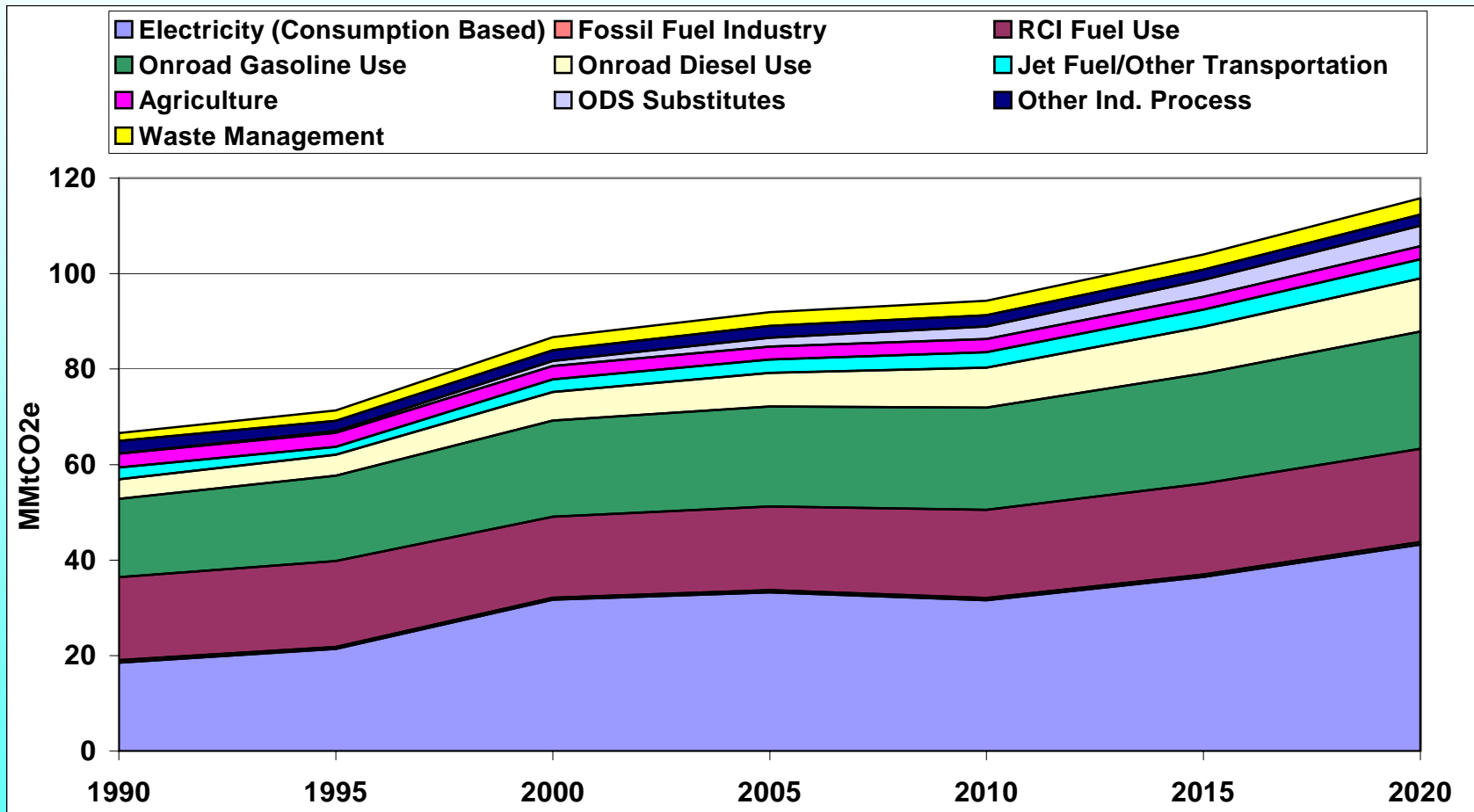
Next Steps: TWG Input

- TWG Members asked to provide text for the following sections:
 - ****Implementation Mechanisms****
 - Related Policies/Programs in Place
 - Key Uncertainties
 - Additional Benefits and Costs
 - Feasibility Issues
- Please provide text by December 28, 2007

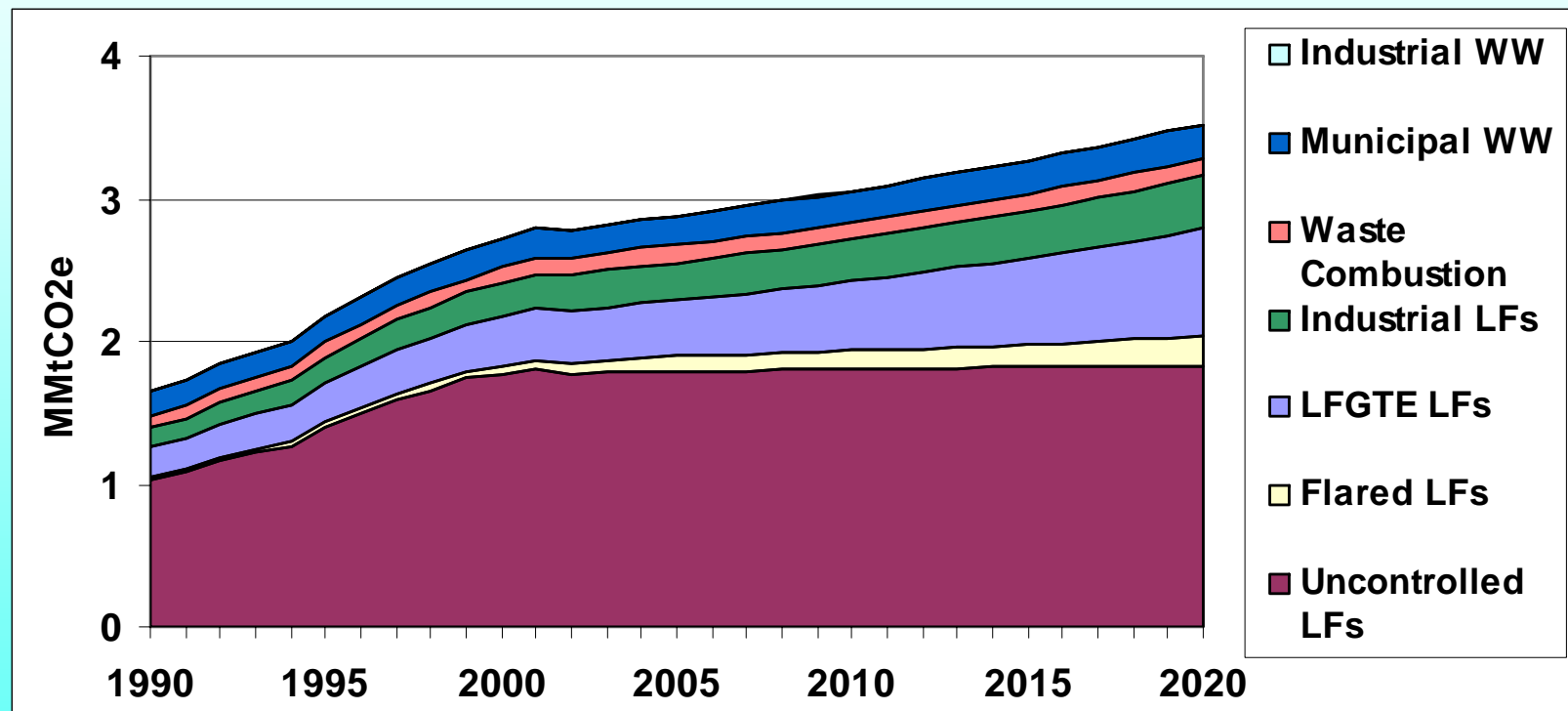
Draft GHG Inventory & Forecast

- AFW appendices posted on website

South Carolina Gross GHG Emissions By Sector, 1990-2020



Waste Management



Waste Management

- Data sources
 - EPA Landfill Methane Outreach Program Database
 - Additional landfill data provided by SCDHEC
 - SCDHEC data on waste combustion and wastewater (WW) flows for fruit/vegetable processing
 - State population and SGIT default data for municipal WW treatment
- Methods
 - SGIT with data sources above
 - CCS post-processing to account for controls and growth

Waste Management

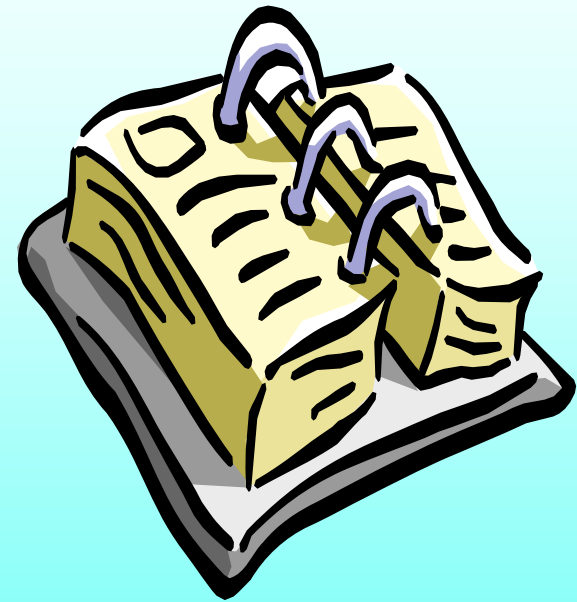
- Key Assumptions
 - Growth Rates
 - Landfills – based on historic emissions growth (2000-2005)
 - Industrial WW – based on historic emissions growth (1990-2005)
 - Municipal WW – SC population projections
- Key Uncertainties
 - Future controls applied to uncontrolled landfills
 - Industrial landfills
 - SGIT default of 7% of municipal landfills
 - Industrial WW
 - Growth for food/vegetable processing

Next Steps

- Work with CCS to develop baseline data and establish quantification methodology.
- Submit text for Policy Options Document.

Next TWG Meeting

- Date and Time
 - Next Scheduled: January 22, 2007; 10:00AM to 11:00 AM.
- Future Meetings
 - CECAC: Feb. 22, May 9
 - AFW TWG: Jan. 22, March 6, April 17
- Agenda:
 - Review initial quantification of costs and benefits.



Public Input, Announcements