



MEETING SUMMARY
SOUTH CAROLINA CLIMATE, ENERGY AND COMMERCE ADVISORY
COMMITTEE

Agriculture, Forestry, and Waste Management Technical Work Group
Waste Management Subgroup
(AFW TWG)

Call #8, December 13, 2007, 10:00–11:00 AM

Attendance:

1. Technical Work Group Members:
 - Bob Giangiorgi – Priority Metrics Group
 - Venkat Lakshmi - University of South Carolina, Dept. of Geological Sciences
2. Center for Climate Strategies (CCS) Staff:
 - Steve Roe – Lead facilitator
 - Brad Strode – Co-Facilitator
 - Gloria Flora – Co-Facilitator
3. South Carolina Department of Health and Environmental Control (SCDHEC):
4. Public Attendees:
 - Doug Bryant – Retired SCDHEC Employee

Background documents:

(all posted at http://www.scclimatechange.us/Agriculture_Forestry.cfm)

1. Meeting Notice and Agenda
2. Summary of Call #7
3. PowerPoint for Teleconference.
4. AFW Draft Priority Policy Options for Analysis

Discussion items and key issues:

Introductions and Review

1. CCS called the teleconference meeting to order, completed the roll call and outlined the agenda.
2. As there was only one member in attendance at the beginning of the meeting, CCS refrained from a lengthy review of the past call summary. TWG members are asked to provide any request for changes to Brad Strode.

3. CCS reviewed the next steps that will be taken in the development of the AFW TWG Policy Options Document (POD). The TWG members should submit text for the “Implementation Mechanisms” section as soon as possible, so that CCS may begin quantification of the policy options. The other section that requires the immediate attention of work group volunteers is the “Related Policies/Programs in Place.” Other text that will be provided by TWG members is the “Key Uncertainties,” “Additional Benefits and Costs,” and “Feasibility Issues” sections. Please submit this material to Brad (brad.strode@pechan.com).

Review of Most Recent CECAC Meeting and Discussion of Options

1. The Committee requested that the AFW TWG consider a broader range of diversion goals (or multiple targets), quantifying the costs and benefits of at least a 50% recycling rate. A TWG member suggested that DHEC be contacted to gather as much information as they have available to quantify options or to influence development of text in other sections of the POD. A member of the public also suggested that CCS contact DHEC Office of Solid Waste, Recycling Department, as this Office has extensive solid waste data.
2. The Committee had asked the TWG to consider the possibility of adding a goal for Construction and Disposal Waste under AFW-8. CCS will do some follow-up with DHEC to explore the data availability on this issue.
3. A member of the public noted that DHEC requires all counties to submit a Solid Waste management plans to DHEC as part of the 1991 Solid Waste Management Act. A TWG member suggests that annual reports compiled by DHEC will be good data sources for these plans, as well as disposal data.
4. CCS reviewed the proposed quantification methodology for AFW-8. This involves predicting the business as usual (BAU) solid waste management actions (landfilling, composting, recycling, waste-to-energy), as well as the solid management actions estimates under the proposed policy option. GHG emissions will be estimated using the EPA Waste Reduction Model (WARM) and the cost-effectiveness calculations will be based on cost data collected from the State of South Carolina.
5. CCS noted that the CECAC had little input for AFW-9 and AFW-10. CCS suggested that the Option Title for AFW-9 could be more specific. The current title “Waste-to-Energy” suggests that the option might involve waste combustion, whereas the option focuses on biogas recovery for energy utilization. CCS proposes to change to the title to “Biogas Energy Utilization” and asks for input from the rest of the WM TWG experts off-line.

Inventory and Forecast

1. CCS stated that while the AFW TWG has had an ample opportunity to request/suggest changes to the Draft Inventory and Forecast, the I&F is still up for discussion and review. However, CCS will not go through a thorough review of the I&F at this time. Any proposed changes from the TWG should be provided by early January.

Public Input

1. Input from the public was solicited. Input from one member of the public was provided during the call and is mentioned above.

Next Steps & Agreements

1. The next meeting of the AFW TWG Waste Management Subgroup will be held via teleconference on **January 22, 2007 (10:00 to 11:00 a.m.)**
2. TWG members should provide input on Implementation Mechanisms and Related Policies/Programs in place to Brad by December 28, 2007 (brad.strode@pechan.com). Text for the remaining sections of the template should be provided to Brad by January 15 (Key Uncertainties; Additional Benefits & Costs; Feasibility Issues). The current list of policy options and volunteer work group members is shown below.

Revised Option #	Draft Policy Option Name	Straw Proposal Volunteers
AFW-1	On-Farm Energy Efficiency	<i>Stephen Henry, John Bonitz, Russel Ott</i>
AFW-2	On-Farm Waste Energy Recovery	Stephen Henry, John Bonitz, Russel Ott
AFW-3	Expanded Use of Local Agricultural Products	Dan Tufford, Russel Ott
AFW-4	In-State Liquid Biofuels Production	<i>Erika Hartwig, John Bonitz, Johnny Williamson</i>
AFW-5	Expanded Use of Biomass Feedstocks for Electricity, Heat, or Steam Production	Erika Hartwig, Bob Giangiorgi, John Bonitz, Carlton Owen
AFW-6	Terrestrial Carbon Sequestration	Bob Perry (f), Guy Sabin (f), John Bonitz (a), Erica Westbrook (a)
AFW-7	Conservation and Restoration of Forest and Agriculture Lands for Enhanced Carbon Sequestration	Guy Sabin, Bob Perry , Dan Tufford, Bob Scott
AFW-8	Advanced Recycling and Composting	Bob Giangiorgi , Scott Fennell
AFW-9	Waste-to-Energy Reclamation	Edwin Lesley, Scott Fennell
AFW-10	Water and Wastewater Energy Efficiency Improvements	Venkat Lakshmi , Dan Tufford