



www.scclimatechange.us

MEETING SUMMARY
SOUTH CAROLINA CLIMATE, ENERGY AND COMMERCE ADVISORY
COMMITTEE
Agriculture, Forestry, and Waste Management Technical Work Group
(AFW TWG)

Call #6, October 4, 2007, 2:00–4:00 PM

Attendance:

1. Technical Work Group Members:
 - John Bonitz – Agriculture Energy Coordinator, Southern Alliance for Clean Energy
 - Bob Giangiorgi – Vice President, Priority Metrics Group
 - Stephen Henry – Natural Resource Conservation Center
 - Venkat Lakshmi - University of South Carolina, Dept. of Geological Sciences
 - Edwin Lesley – President, Business Development Corporation of South Carolina
 - Russell Ott – South Carolina Farm Bureau
 - Bob Perry (for John Frampton) – Wildlife Biologist, Environmental Programs Section, DNR
 - Guy Sabin – Environmental Management Section Chief, South Carolina Forestry Commission
 - Daniel Tufford – University of South Carolina, Dept. of Biological Sciences
 - Erica Westbrook – Natural Resources Conservation Service
 - Erika Hartwig – South Carolina Energy Office
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):
 - Michael Juras – SCDHEC; Agency Liaison
4. Public Attendees:
5. Technical Work Group Members not attending:
 - Larry Boyleston – Director, Business and Government Relations, South Carolina Dept. of Agriculture
 - Art Braswell – Division Director, Mining and Solid Waste Management, South Carolina Department of Health and Environmental Control
 - Cary Chamblee – Legislative and Government Consultant for South Carolina Wildlife Federation and Sierra Club

- Scott Fennell – Carolina Waste
- Chris Fisher – Fisher Recycling
- Joe James – CEO, Corporation for Economic Opportunity
- Bob King – Deputy Commissioner, South Carolina Environmental Council
- Carlton Owen – President/CEO, US Endowment for Forestry and Communities
- Mark L. Robertson – Executive Director, The Nature Conservancy of South Carolina
- Bob Scott – President, South Carolina Forestry Association
- Danny Verdin – SC Senate
- Johnny Williamson – CEO, South Carolina Soya, LLC

Background documents:

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

1. Meeting Notice and Agenda
2. Summary of Call #5
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. CCS reviewed the draft summary of Call #5. No revisions or comments were offered by the TWG .
3. CCS reviewed the current step of the 10-step CECAC process. The TWG is currently charged with completing Straw Proposals to send to the CECAC. Between the current meeting (Oct. 4) and the middle of November, the TWG needs to have proposed option descriptions, design characteristics, and related policies and programs ready for CECAC review.
4. The schedule of CECAC and AFW TWG meetings were reviewed. See the schedule on the website (<http://www.scclimatechange.us/ewebeditpro/items/O60F13464.xls>). Check this schedule regularly to keep abreast of any changes. Alternative dates to the current schedule were proposed (Meetings 8, 9, and 10) in order to better match up to CECAC meeting dates. The proposed dates are:
 - Meeting #8 - Dec. 13;
 - Meeting #9 - Jan. 22.
 - Meeting # 10 - March 6.
 - Meeting #11 (if necessary) - April 17.

CECAC Input on AFW Options

5. The comments from CECAC Meeting #3 on the AFW TWG priority policy options were recapped for the benefit of the TWG. There was a strong approval of the AFW TWG’s recommended priority policy options, with some proposed changes.
 - a. In-state Liquid Biofuels Production: The CECAC wants the TWG to assess the full range of sources and/or fuels that may be feasible, as well as the impact of supply increases on environment and commerce.
 - b. Soil Carbon Management: The CECAC asked the TWG to consider combining this option with the “forest management for carbon sequestration” option. The

TWG decided to consolidate the two options, but with a clearly delineated (a) and (b) to keep the forestry and agriculture sectors of these options separate.

- c. Expanded Use of Biomass Feedstocks for Electricity, Heat, or Steam Production: The CECAC asked the TWG to identify all biomass sources, include a category of bioproducts, and include provisions for biomass gasified combined cycle development, as well as improved energy capture from wood waste combustion. Some examples of bioproducts are biochar, carbonates, biopropanol and acetone. CCS suggested that the group consider re-naming this option (e.g. “Expanded Use of Biomass Feedstocks for Energy and Bioproducts”).
- d. Forest Management for Carbon Sequestration: The CECAC notes suggest that the Committee would like the TWG to broaden this option. However, there is some degree of uncertainty here and CCS will seek clarification from the CECAC chairman on this issue.
- e. Forest Protection – reduced rate of clearing and conversion to nonforest cover / conservation of working agricultural land: The CECAC requested that the TWG combine these options under the working title of “Conservation and Restoration of Forest and Agricultural Lands for Enhanced Carbon Sequestration.” This option could be presented in two parts: the conservation of forest lands, and the conservation of agricultural lands.
- f. On-farm Energy Efficiency: the CECAC requested that the TWG add this option to the high priority for analysis list.
- g. On-farm Waste Energy Recovery: the CECAC requested that the TWG add this option to the high priority for analysis list.
- h. Expanded Use of Local Agricultural Products: the CECAC requested that the TWG add this option to the high priority for analysis list. A TWG member asked whether local forest products should also be added to this option. It was suggested that since the Forest Management for Carbon Sequestration Option could address enhanced carbon sequestration in harvested wood products, that the issue of expanded local forestry products use should be addressed under that option.
- i. The CECAC asked the AFW TWG to determine where best to consider Urban Forestry: **Urban forestry could be considered as an element within the Forest Management option or as a stand-alone option. It was noted that urban forestry and management of forests are quite different. The volunteer team drafting the straw proposal for Forest Management for Carbon Sequestration will recommend how this be handled.**

Straw Proposals

1. CCS provided a brief overview of the components of the Straw Proposals. The key elements the TWG need to focus on now are the Policy Descriptions and the Policy Designs.
2. The Policy Options Template, posted on the website, was reviewed. (<http://www.scclimatechange.us/ewebeditpro/items/O60F13432.pdf>). There is a significant amount of “starter” text intended to provide guidance to TWG members drafting the Straw Proposals, but is only included for an example to show how options should be structured. Using examples from other state processes (North Carolina, Vermont, Colorado) CCS explained how option designs should be framed. The work of

other states can be viewed on their websites, which use the naming convention.

[www.\(two letter state abbreviation\)climatechange.us](http://www.(two letter state abbreviation)climatechange.us).

3. CCS clarified the difference between a goal and an implementation mechanism. The Goals should be brief, numeric, and in easily understandable metrics.
4. TWG sub-groups (volunteer groups) should also identify any parties that may be involved in the implementation of these options, as well as any other information that provides the CECAC with background that helped in the development of the goals.
5. The first two sections of the template are needed by the next TWG meeting, so the group as a whole can review these Straw Proposals before submitting them to CECAC. The sub-groups should **not** worry about implementation mechanisms at this point.

Volunteer Work Groups

1. CCS solicited work group volunteers. CCS will include the list of volunteers in each call summary, as well as a volunteer list and contact list that will be e-mailed to TWG members **only**.
2. Work groups should feel free to contact other experts and sources for information germane to their policy option.
3. Please contact CCS (Steve, Gloria, or Brad), if your work group needs help getting started or constructing the Straw Proposals.

Draft Inventory and Forecast

1. CCS asked for further recommendations on the Draft Inventory and Forecast. CCS thanked a TWG member who provided more information on the Forestry forecast that will help adjust the forecast to predict losses in sequestration due to development. If any members would like to have input on any assumptions used in the I&F, please let Steve know ASAP, so that this document may be finalized prior to the next CECAC meeting.

Next Steps

1. CCS will update the Policy Options Template, as well as solicit additional volunteers from the members who were unable to attend this meeting. The sub-groups should meet as soon as the groups are formed (i.e. within the next week or so).
2. The schedule for upcoming meetings will be revised to reflect changes made in this meeting. The time for each call/meeting will remain the same (2:00 to 4:00 p.m. EST).
3. Please be in contact with your volunteer sub-groups soon to begin the development of straw proposals. Notify CCS of any issues that prevent your group from moving forward.
4. Input from the public was solicited. There were no members of the public in attendance.

Agreements

1. The next meeting of the AFW TWG will be held via teleconference on **November 7, 2007 (2:00 to 4:00 p.m.)**
2. The Call Summary for this meeting will include a current list of priorities and volunteer work group members to date. (See table below.)
3. If you have not done so already, please consider the list of priorities and select which option(s) you would like to work on within a smaller working group. Let Brad Strobe know, so that he can add you to the list (brad.strobe@pechan.com).