



## Cross-Cutting Issues (CC) Technical Work Group Catalog of State Climate Mitigation Options

Draft Version 4 – August 31, 2006

### Definition of “Priorities for Analysis”:

- **High:** High priority options will be analyzed first.
- **Medium:** Medium priority options will be analyzed next, time and resources permitting.
- **Low:** Low priority options will be analyzed last, time and resources permitting.

### Notation of Options:

- \* Options marked with an asterisk (\*) indicate options that are at least partially “base case” policies, i.e., that have been considered or undertaken at some level in North Carolina.
- \*\* Options marked with a double asterisk (\*\*) indicate options that are included as recommendations in the September 1, 2005 NC DENR Report under the Clean Smokestacks Act of 2002.
- \*\*\* Options marked with a triple asterisk (\*\*\*) indicate options that are included as recommendations made to the North Carolina Legislative Commission on Global Climate Change (LCGCC)

Option Number	Climate Mitigation Option	Priority for Consideration	Feasibility Considerations	Notes
<b>CC-1</b>	<b>INVENTORIES AND FORECASTS</b>			
1.1	Establish capacity and responsibility to prepare regular periodic GHG emission inventories and forecasts	•	•	<ul style="list-style-type: none"> <li>• Recommend locating at DAQ as it is already responsible for other inventory functions</li> <li>• (CSA recommendation for permitted sources moved to CC-2.)</li> </ul>
<b>CC-2</b>	<b>REPORTING</b>			
2.1	Establish a GHG reporting program	•	•	<ul style="list-style-type: none"> <li>• (Follows on CSA recommendation A-4.)</li> <li>• (Details about who, what, when, etc. will be addressed in the design characteristics matrix.)</li> <li>• This will address Dr. Rubin's recommendation to the LCGCC for mandatory GHG reporting***</li> </ul>
<b>CC-3</b>	<b>REGISTRY</b>			
3.1	Establish a GHG registry for NC (possibly in concert with other states)	•	•	<ul style="list-style-type: none"> <li>• (Referenced in CSA Rec. A-4)</li> <li>• Note: Cap and trade system per Dr. Rubin's recommendation to the LCGCC may be considered under this option***</li> </ul>
<b>CC-4</b>	<b>EDUCATION</b>			
4.1	Undertake a substantial, ongoing effort to educate multiple targeted audiences about climate change and related actions	•	•	<ul style="list-style-type: none"> <li>• (Details about who, what, when, etc. will be addressed in the design characteristics matrix.)</li> </ul>

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<b>CC-5</b>	<b>ADAPTATION</b>			
5.1	Recommend an approach for NC to identify and plan for potential, long-term effects of climate change on society	•	•	• CAPAG noted the need to include all effects and impacts.
5.2	Undertake a concerted planning effort to identify and address climate adaptation issues & needs in the state	•	•	• NCDENR lead? • Multi-stakeholders?
<b>CC-6</b>	<b>OPTIONS FOR GOALS OR TARGETS (IN SUPPORT OF THE LEGISLATIVE COMMISSION ON GLOBAL CLIMATE CHANGE [LCGCC])</b>			
6.1	Assist CAPAG and LCGCC through framing and data analysis of possible statewide GHG reduction goals or targets	•	•	•