

A banner image for the North Carolina Climate Action Plan Advisory Group. It features a collage of North Carolina scenes: a waterfall on the left, a river flowing through a forest in the center, a large house and a city skyline on the right, and a sailboat on the far right. The text 'North Carolina' is in red script, and 'Climate Action Plan Advisory Group' is in blue bold sans-serif.

North Carolina

Climate Action Plan Advisory Group

WWW.NCCLIMATECHANGE.US

Catalog of State Climate Mitigation and Policy Options

Draft Version 2 – May 2, 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.

Cross Cutting Issues (CC) Catalog

Option Number	Climate Policy Option	Priority for Consideration	Feasibility Considerations	Notes
CC-1	INVENTORIES, FORECASTING AND MONITORING			
1.1	Establish & fund GHG emission inventory function at DAQ.	•	•	• (CSA recommendation for permitted sources moved to CC-2.)
1.2	Establish & fund GHG emissions forecasting function at DAQ.	•	•	•
1.3	Establish & fund GHG emissions monitoring function at DAQ.	•	•	• <i>Suggest deleting, as this should be incorporated in GHG reporting design options matrix.</i>
CC-2	REPORTING			
2.1	Establish a GHG reporting program	•	•	• (Follows on CSA recommendation A-4.) • (Details about who, what, when, etc. will be addressed in the design options matrix.)
2.2	Report NC emissions from state facilities & vehicles to public & 1605(b)	•	•	• <i>Suggest that this be incorporated in GHG reporting design options matrix.</i>
2.3	Include non-CO2 GHGs **	•	•	• (Referenced in CSA Plan of Action #6) • <i>Suggest that this be incorporated in GHG reporting design options matrix.</i>
2.4	Define CO2 & non-CO2 GHGs as pollutants **	•	•	• (Referenced in CSA Plan of Action #6) • <i>Suggest that this be considered an implementation issue regarding GHG reporting.</i>
2.5	Require mandatory GHG reporting for permitted sources **	•	•	• (Referenced in CSA Plan of Action #3) • <i>Suggest deleting, as this should be incorporated in GHG reporting design options matrix.</i>
2.6	Provide assistance to facilities in reporting & registering GHG emissions **	•	•	• (Referenced in CSA Rec. A-4) • <i>Suggest incorporating this as a GHG reporting implementation issue and/or under CC-4 (Education).</i>

Option Number	Climate Policy Option	Priority for Consideration	Feasibility Considerations	Notes
CC-3	REGISTRY			
3.1	Join an existing GHG registry or develop a GHG registry for NC **	•	•	<ul style="list-style-type: none"> • (Referenced in CSA Rec. A-4) • <i>Suggest incorporating this as a GHG registry implementation issue.</i> • <i>Replace with “Establish a GHG registry for NC (possibly in concert with other states)”</i>
3.2	Register reductions in state facility & vehicle emissions for future market use (within 3 years after resources authorized) **	•	•	<ul style="list-style-type: none"> • (Referenced in CSA Rec. A-4) • <i>Suggest deleting, as this should be incorporated in GHG registry design options matrix.</i>
3.3	Register increased sequestration associated with Ag/Forestry practices **	•	•	<ul style="list-style-type: none"> • (Referenced in CSA Rec. LT-2) • <i>Suggest deleting, as sequestration should be incorporated in GHG registry design options matrix.</i>
CC-4	EDUCATION (This general option to be discussed further re direction & organization.)			
4.1	Reinforce sources of GHG, need for State Energy Plan implementation**	•	•	<ul style="list-style-type: none"> • From Recommendation LT -2 in the Sept. 1, 2005 CSA report.
4.2	Promote clean fuel technologies**	•	•	•
4.3	Promote energy-tech economic development **	•	•	•
4.4	Promote R&D & demo projects for economic development **	•	•	•
4.5	Extend training programs for RCI building operators **	•	•	<ul style="list-style-type: none"> • From “Recommendation A-1” and “Recommendation LT-1” in the Sept. 1, 2005 CSA report.
4.6	Public education initiatives **	•	•	<ul style="list-style-type: none"> • From “Recommendation A-7” in the Sept. 1, 2005 CSA report and State Energy Plan (SEP).
4.7	Promote green power **	•	•	<ul style="list-style-type: none"> • From “Recommendation A-5” in the Sept. 1, 2005 CSA report.

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4.8	Promote CHP **	•	•	• From “Recommendation A-1” in the Sept. 1, 2005 CSA report.
4.9	Require environmental disclosure on utility bills **	•	•	• From Appendix C – January 2005 Revisions to the State Energy Plan (SEP), Alternative Energy Sources: Exec-10
4.10	Promote local farm produce **	•	•	• Appendix D – Preliminary Analysis of Selected Policy Options: Agriculture and Forestry, Support Local Farming/Buy Local
4.11	Augment existing education efforts **	•	•	• From “Recommendation A-7” in the Sept. 1, 2005 CSA report and State Energy Plan (SEP).
4.12	Add GHG to Air Awareness efforts **	•	•	• From “Recommendation A-7” in the Sept. 1, 2005 CSA report and State Energy Plan (SEP).
4.13	Provide information that helps inform sources of the potential advantages of registering GHG emission reductions.	•	•	• From “Recommendation A-4” in the Sept. 1, 2005 CSA report.
4.14	Encourage cities to join ICLEI’s ¹ Cities for Climate Protection program	•	•	•
4.15	Encourage cities to join the Mayors Climate Protection Agreement ²	•	•	•

¹ ICLEI is the International Council for Local Environmental Initiatives. See www.iclei.org.

² See <http://www.ci.seattle.wa.us/mayor/climate/>.