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**Cross-Cutting Issues Technical Work Group
Summary List of Pending Policy Options**

	Policy Option	GHG Reductions (MMtCO ₂ e)			Net Present Value 2007-2020 (Million \$)	Cost-Effectiveness (\$/tCO ₂ e)	Status of Option
		2010	2020	Total 2007-2020			
CC-1	GHG Inventories and Forecasting,	<i>Not Quantified</i>					Pending
CC-2	GHG Reporting and Registry	<i>Not Quantified</i>					Pending
CC-3	Statewide GHG Reduction Goals and Targets	<i>Not Quantified</i>					Pending
CC-4	State and Local Government GHG Emissions (Lead-by-Example)	<i>Not Quantified</i>					Pending
CC-5	Public Education and Outreach	<i>Not Quantified</i>					Pending
CC-6	Tax and Cap Policies	<i>Not Quantified</i>					Pending
CC-7	Seek Funding for Implementation of Climate Action Panel Recommendations	<i>Not Quantified</i>					Pending
CC-8	Participate in Regional, Multi-State and National GHG Reduction Efforts	<i>Not Quantified</i>					Pending
CC-9	Promote Economic Development Opportunities Associated with Reducing GHG Emissions in MD	<i>Not Quantified</i>					Pending
CC-10	Create Capacity to Address Climate Change Issues in and “After Peak Oil” Context	<i>Not Quantified</i>					Pending
CC-11	Evaluate Climate Change Policy Options to determine Projected Public Health Risks/ Costs/Benefits						
CC-12	Review Institutional Capacity to Address Climate Change Issues						

CC-1. GHG Inventories and Forecasting

Policy Description

Sample text in italics

[Insert text as appropriate] *Greenhouse gas (GHG) emissions inventories and forecasts are essential for understanding the magnitude of all emission sources and sinks (both anthropogenic and natural), the relative contribution of various types of emission sources and sinks to total emissions, and the factors that affect trends over time. Inventories and forecasts help to inform state leaders and the public on statewide trends, opportunities for mitigating emissions or enhancing sinks, and verifying GHG reductions associated with implementation of action plan initiatives.*

Policy Design

[Insert text as appropriate]

Goals: [Insert text as appropriate]

Timing: [Insert text as appropriate]

Parties Involved: [Insert text as appropriate]

Other: [Insert text as appropriate]

Implementation Mechanisms

[Insert text as appropriate]

Related Policies/Programs in Place

[Insert text as appropriate]

Types(s) of GHG Reductions

Not applicable.

Estimated GHG Savings and Costs per MTCO₂e

Not applicable.

Key Uncertainties

[Insert text as appropriate]

Additional Benefits and Costs

[Insert text as appropriate]

Feasibility Issues

[Insert text as appropriate]

Status of Group Approval

Pending.

Level of Group Support

TBD.

Barriers to Consensus

TBD.

CC-2. GHG Reporting and Registry

Sample text in italics.

Policy Description

[Insert text as appropriate] *GHG reporting reflects the measurement and reporting of GHG emissions to support tracking and management of emissions. GHG reporting can help sources identify emission reduction opportunities and reduce risks associated with possible future GHG mandates by moving “up the learning curve.” Tracking and reporting of GHG emissions can also help in the construction of periodic state GHG inventories. GHG reporting is a precursor for sources to participate in GHG reduction programs, opportunities for recognition, and a GHG emission reduction registry, as well as to secure “baseline protection” (i.e., credit for early reductions).*

A GHG registry enables recording of GHG emissions reductions in a central repository with “transaction ledger” capacity to support tracking, management, and “ownership” of emission reductions; establish baseline protection; enable recognition opportunities; and/or provide a mechanism for regional, multi-state, and cross-border cooperation. Properly designed registry structures also provide a foundation for possible future trading programs.

Policy Design

[Insert text as appropriate]

Goals: [Insert text as appropriate]

Timing: [Insert text as appropriate]

Parties Involved: [Insert text as appropriate]

Other: [Insert text as appropriate]

Implementation Mechanisms

[Insert text as appropriate]

Related Policies/Programs in Place

[Insert text as appropriate]

Types(s) of GHG Reductions

[Insert text as appropriate]

Estimated GHG Savings and Costs per MTCO₂e

Not applicable.

Key Uncertainties

[Insert text as appropriate]

Additional Benefits and Costs

[Insert text as appropriate]

Feasibility Issues

[Insert text as appropriate]

Status of Group Approval

Pending.

Level of Group Support

TBD.

Barriers to Consensus

TBD.

CC-3. Statewide GHG Reduction Goals and Targets

Sample text in italics.

Policy Description

[Insert text as appropriate] *The Governors Executive Order establishes the presumptive GHG reduction goals for the State. An Interim Report resulting from the first phase of the MCCC process includes revised goals that are more ambitious than the original order. These proposals are described below.*

Policy Design

[Insert text as appropriate]

- **Goals:** [Insert text as appropriate]
- **Timing:** [Insert text as appropriate]
- **Parties Involved:** [Insert text as appropriate]
- **Other:** [Insert text as appropriate]

Implementation Mechanisms

[Insert text as appropriate]

Related Policies/Programs in Place

[Insert text as appropriate]

Types(s) of GHG Reductions

Not applicable.

Estimated GHG Savings and Costs per MTCO₂e

Not applicable.

Key Uncertainties

[Insert text as appropriate]

Additional Benefits and Costs

[Insert text as appropriate]

Feasibility Issues

[Insert text as appropriate]

Status of Group Approval

Pending.

Level of Group Support

TBD.

Barriers to Consensus

TBD.

CC-4. State and Local Government GHG Emissions (Lead-by-Example)

Sample text in italics.

Policy Description

[Insert text as appropriate] *In many areas, Maryland state government is already leading by example to obtain GHG emission reductions. State and local government is responsible for providing a multitude of services for the public that are delivered through very diverse operations and result in wide-ranging GHG emission activities. State and local government can take the lead in demonstrating that reductions in GHG emissions can be achieved through analysis of current operations, identification of significant GHG sources, and implementation of changes in technology, procedures, behavior, operations, and services provided. State and local governments can also encourage and/or provide incentives to reduce GHG emissions by others in a variety of ways.*

Policy Design

[Insert text as appropriate]

- **Goals:** [Insert text as appropriate]
- **Timing:** [Insert text as appropriate]
- **Parties Involved:** [Insert text as appropriate]
- **Other:** [Insert text as appropriate]

Implementation Mechanisms

[Insert text as appropriate]

Related Policies/Programs in Place

[Insert text as appropriate]

Types(s) of GHG Reductions

Not applicable.

Estimated GHG Savings and Costs per MTCO₂e

Not applicable.

Key Uncertainties

[Insert text as appropriate]

Additional Benefits and Costs

[Insert text as appropriate]

Feasibility Issues

[Insert text as appropriate]

Status of Group Approval

Pending.

Level of Group Support

TBD.

Barriers to Consensus

TBD.

CC-5. Public Education and Outreach

Policy Description

Sample text in italics.

[Insert text as appropriate] *Explicitly articulated public education and outreach can support GHG emissions reduction efforts at all levels in the context of emissions reduction programs, policies, or goals. Public education and outreach is vital to fostering a broad awareness of climate change issues and effects (including co-benefits, such as clean air and public health) among the state’s citizens. Such awareness is necessary to engage citizens, businesses and institutions in actions to reduce GHG emissions. Public education and outreach efforts should integrate with and build upon existing outreach efforts involving climate change and related issues in the state. Ultimately, public education and outreach will be the foundation for the long-term success of the policy actions proposed by the MCCC as well as those which may evolve in the future.*

Policy Design

[Insert text as appropriate]

Goals: [Insert text as appropriate]

Timing: [Insert text as appropriate]

Parties Involved: [Insert text as appropriate]

Other: [Insert text as appropriate]

Implementation Mechanisms

[Insert text as appropriate]

Related Policies/Programs in Place

[Insert text as appropriate]

Types(s) of GHG Reductions

Not applicable.

Estimated GHG Savings and Costs per MTCO₂e

Not applicable.

Key Uncertainties

[Insert text as appropriate]

Additional Benefits and Costs

[Insert text as appropriate]

Feasibility Issues

[Insert text as appropriate]

Status of Group Approval

Pending.

Level of Group Support

TBD.

Barriers to Consensus

TBD.

CC-6. Tax and Cap Policies

Policy Description

Sample text in italics.

[Insert text as appropriate] *The MD MWG approved as priority policy options for analysis Energy Supply- (ES-x: GHG Cap-and-Trade) and ES-x: Carbon (GHG) Tax). The ES TWG will quantify the emission reductions and costs or cost savings associated with these options. The CC TWG requests will review the results of the quantification process towards achievement of proposed goals.*

Policy Design

[Insert text as appropriate]

Goals: [Insert text as appropriate]

Timing: [Insert text as appropriate]

Parties Involved: [Insert text as appropriate]

Other: [Insert text as appropriate]

Implementation Mechanisms

[Insert text as appropriate]

Related Policies/Programs in Place

[Insert text as appropriate]

Types(s) of GHG Reductions

Not applicable.

Estimated GHG Savings and Costs per MTCO₂e

Not applicable.

Key Uncertainties

[Insert text as appropriate]

Additional Benefits and Costs

[Insert text as appropriate]

Feasibility Issues

[Insert text as appropriate]

Status of Group Approval

Pending.

Level of Group Support

TBD.

Barriers to Consensus

TBD.

CC-7 Seek Funding for Implementation of Climate Action Panel Recommendations

Sample text in italics.

Policy Description

[Insert text as appropriate] *Additional resources will likely be required to implement some aspects of the MD climate protection strategies. The state needs to identify mechanisms to stimulate investment in developing cost-effective climate solutions.*

Policy Design

[Insert text as appropriate]

Goals: [Insert text as appropriate]

Timing: [Insert text as appropriate]

Parties Involved: [Insert text as appropriate]

Other: [Insert text as appropriate]

Implementation Mechanisms

[Insert text as appropriate]

Related Policies/Programs in Place

[Insert text as appropriate]

Types(s) of GHG Reductions

Not applicable.

Estimated GHG Savings and Costs per MTCO₂e

Not applicable.

Key Uncertainties

[Insert text as appropriate]

Additional Benefits and Costs

[Insert text as appropriate]

Feasibility Issues

[Insert text as appropriate]

Status of Group Approval

Pending.

Level of Group Support

TBD.

Barriers to Consensus

TBD.

CC-8. Participate in Regional, Multi-State and National GHG Reduction Efforts

Sample text in italics.

Policy Description

[Insert text as appropriate] *Regional approaches undertaken in collaboration with partner states or other organizations can offer broader and more economically efficient opportunities to reduce GHG emissions across Maryland’s economy. Maryland is already a member of Northeast States Regional Greenhouse Gas Initiative (RGGI). There are several options for broadening Maryland’s regional, market-based GHG reduction strategies which should be considered, such as: Clean Cars Initiative, Ultimately, many of the climate protection issues need to be addressed at the national level and Maryland needs to help shape those national initiatives.*

Policy Design

[Insert text as appropriate]

Goals: [Insert text as appropriate]

Timing: [Insert text as appropriate]

Parties Involved: [Insert text as appropriate]

Other: [Insert text as appropriate]

Implementation Mechanisms

[Insert text as appropriate]

Related Policies/Programs in Place

[Insert text as appropriate]

Types(s) of GHG Reductions

Not applicable.

Estimated GHG Savings and Costs per MTCO₂e

Not applicable.

Key Uncertainties

[Insert text as appropriate]

Additional Benefits and Costs

[Insert text as appropriate]

Feasibility Issues

[Insert text as appropriate]

Status of Group Approval

Pending.

Level of Group Support

TBD.

Barriers to Consensus

TBD.

CC-9. Promote Economic Development opportunities associated with Reducing GHG Emissions in MD

Sample text in italics

Policy Description

Sample text in italics.

[Insert text as appropriate] *There are many economic and business opportunities involved in designing and implementing a comprehensive GHG Reduction Strategy for Maryland. The state should work with public and private entities to design mechanisms that promote these economic opportunities for Maryland businesses.*

Policy Design

[Insert text as appropriate]

Goals: [Insert text as appropriate]

Timing: [Insert text as appropriate]

Parties Involved: [Insert text as appropriate]

Other: [Insert text as appropriate]

Implementation Mechanisms

[Insert text as appropriate]

Related Policies/Programs in Place

[Insert text as appropriate]

Types(s) of GHG Reductions

Not applicable.

Estimated GHG Savings and Costs per MTCO₂e

Not applicable.

Key Uncertainties

[Insert text as appropriate]

Additional Benefits and Costs

[Insert text as appropriate]

Feasibility Issues

[Insert text as appropriate]

Status of Group Approval

Pending.

Level of Group Support

TBD.

Barriers to Consensus

TBD.

CC-10. Create Capacity to Address Climate Change in an “After Peak Oil” Context

Sample text in italics

Policy Description

[Insert text as appropriate]

Policy Design

[Insert text as appropriate]

Goals: [Insert text as appropriate]

Timing: [Insert text as appropriate]

Parties Involved: [Insert text as appropriate]

Other: [Insert text as appropriate]

Implementation Mechanisms

[Insert text as appropriate]

Related Policies/Programs in Place

[Insert text as appropriate]

Types(s) of GHG Reductions

Not applicable.

Estimated GHG Savings and Costs per MTCO₂e

Not applicable.

Key Uncertainties

[Insert text as appropriate]

Additional Benefits and Costs

[Insert text as appropriate]

Feasibility Issues

[Insert text as appropriate]

Status of Group Approval

Pending.

Level of Group Support

TBD.

Barriers to Consensus

TBD.

CC-11. Evaluate Climate Change Policy Options to Determine Projected Public Health Risks/ Costs/ Benefits

Sample text in italics

Policy Description

[Insert text as appropriate]

Policy Design

[Insert text as appropriate]

Goals: [Insert text as appropriate]

Timing: [Insert text as appropriate]

Parties Involved: [Insert text as appropriate]

Other: [Insert text as appropriate]

Implementation Mechanisms

[Insert text as appropriate]

Related Policies/Programs in Place

[Insert text as appropriate]

Types(s) of GHG Reductions

Not applicable.

Estimated GHG Savings and Costs per MTCO₂e

Not applicable.

Key Uncertainties

[Insert text as appropriate]

Additional Benefits and Costs

[Insert text as appropriate]

Feasibility Issues

[Insert text as appropriate]

Status of Group Approval

Pending.

Level of Group Support

TBD.

Barriers to Consensus

TBD.

CC-12. Review Institutional Capacity to Address Climate Change Issues

Sample text in italics

Policy Description

[Insert text as appropriate] *Addressing the myriad of challenges posed by climate change and implementing the numerous recommendations emanating from this process will be a long-term endeavor for the state of Maryland. In order to do in a strategic and cost-effective way it is important to review the state's capacity in some or all of the following areas: finances, governance, authority, expertise, technology, etc.*

Policy Design

[Insert text as appropriate]

Goals: [Insert text as appropriate]

Timing: [Insert text as appropriate]

Parties Involved: [Insert text as appropriate]

Other: [Insert text as appropriate]

Implementation Mechanisms

[Insert text as appropriate]

Related Policies/Programs in Place

[Insert text as appropriate]

Types(s) of GHG Reductions

Not applicable.

Estimated GHG Savings and Costs per MTCO₂e

Not applicable.

Key Uncertainties

[Insert text as appropriate]

Additional Benefits and Costs

[Insert text as appropriate]

Feasibility Issues

[Insert text as appropriate]

Status of Group Approval

Pending.

Level of Group Support

TBD.

Barriers to Consensus

TBD.