



DRAFT Catalog of Mitigation Options Cross-Cutting (CC) Issues Technical Working Group

September 20, 2008

Based on initial input from TWG members, the CC TWG has developed a **preliminary** categorization of mitigation options.

- **High Priority Options** have a high level of support from TWG members and will be analyzed first
- **Medium Priority Options** have mixed support from TWG members and will warrant additional discussion to prioritize for analysis
- **Low Priority Options** have low support from TWG members and will only be analyzed as time permits

Mitigation Option Category Key (first digit of option numbers outlined below)

- 1: Baseline and Continued Measurement
- 2: Statewide Energy and GHG Reduction Goals or Targets
- 3: Financial Strategies
- 4: Education and Outreach
- 5: Other Activities

Preliminary Rating: High Priority Options for Analysis

Option No.	Preliminary High Priority: GHG Reduction Policy Option	GLBE ¹	Results: Priority for Analysis	Additional Comments
1.1	Establish GHG emissions inventory and forecasting function*		High: 7 Medium: 0 Low: 0	
2.1	Formally establish goals for statewide GHG emission reductions, which should include establishing secondary goals for energy efficiency, renewable energy generation/ consumption, waste, land use, transportation and others sectors.	✓	High: 6 Medium: 1 Low: 0	
2.4	Coordinate the climate change mitigation options/policy recommendations with the State Energy Plan being developed by the Alaska Energy Authority to develop and meet energy goals and targets	✓	High: 5 Medium: 1 Low: 0	1- Combine with 2.2
4.5	Establish a state government climate change program division or office with adequate resources to coordinate outreach on climate change and GHG reduction strategies. This office will inform diverse audiences (e.g., elected officials, media, public) regarding climate policies, activities, and approaches to reduction of GHGs.	✓	High: 5 Medium: 1 Low: 0	1- This action encompasses almost all of the other options under “Education and Outreach.” 2. Should this division or office also be the entity to help coordinate and track climate change policy in AK? 3- Link to 4.1, 4.2, 4.4, 4.6 and 4.8 4- Link to 3.7?
1.2	Establish a mandatory GHG emissions reporting program and regulatory entity to manage the program, coordinating with federal programs where possible.		High: 6 Medium: 0 Low: 1	1- Combine with 1.3 2- Combine with 1.4

¹ Checks in this column indicate “Government Lead by Example” (GLBE) activities that government entities at any level might undertake to demonstrate leadership specifically in reducing GHG emissions. Checks do not necessarily represent options that government entities have primary responsibility for or may play a role in implementing.

Option No.	Preliminary High Priority: GHG Reduction Policy Option	GLBE ¹	Results: Priority for Analysis	Additional Comments
2.2	Develop a list of early-actions the State can implement to meet state goals and targets	✓	High: 4 Medium: 3 Low: 0	<p>1- Leading by example will give outreach something to cite.</p> <p>2- This item should conclude with “--- and then implement them.”</p> <p>3- 3.1 and 3.6 could be incorporated into this action</p> <p>4- Combine with 2.4 as part of policies for a state energy plan</p> <p>5- 2.4 and 3.5 could be combined under this</p>
3.1	Institute tax incentives/ disincentives and/or other approaches such as an “Energy Trust” grant and loan program for individuals, and public and private entities, to encourage GHG reductions and promote green technologies and energy efficiency.		High: 4 Medium: 3 Low: 0	<p>1- Link to 4.4</p> <p>2- This should work in tandem with 1.4</p> <p>3- Include 3.3 with these incentives</p> <p>4- Could be incorporated into 2.2</p>
3.2	Advocate development of federal cap and trade or other market-based system and gear state efforts to support this.	✓	High: 4 Medium: 2 Low: 0	
1.4	Institute an accountability program to measure and report progress in reducing GHG emissions.	✓	High: 2 Medium: 3 Low: 0	<p>1- Combine with 1.2 & 1.3</p> <p>2- Wouldn't this be part of reporting?</p>
3.7	Encourage creation of a business-oriented organization to share information and strategies about reducing business GHG emissions, recognize successes, and encourage entrepreneurs to connect with investors on business development opportunities in climate protection		High: 2 Medium: 3 Low: 1	<p>1- Should this be part of 4.5?</p> <p>2- A logical outreach strategy, as part of getting the word out about successes.</p>

Option No.	Preliminary High Priority: GHG Reduction Policy Option	GLBE ¹	Results: Priority for Analysis	Additional Comments
4.8	Encourage and assist in the development of comprehensive local government planning efforts to reduce greenhouse gas emissions and establish targets	✓	High: 2 Medium: 3 Low: 1	1- Outreach function? If this new climate change office is large enough, it could include local government as a constituency 2- Part of 4.5

Preliminary Rating: Medium Priority Options for Analysis

Option No.	Preliminary Medium Priority: GHG Reduction Policy Option	GLBE	Results: Priority for Analysis	Additional Comments
3.5	Require projects funded with State bonding to be climate-neutral		High: 1 Medium: 4 Low: 0	1- Another item under 2.2
3.6	Establish incentives for state employees to decrease GHG emissions from commuting, such as transit passes, carpooling, flexible schedules and/or telework capabilities	✓	High: 0 Medium: 6 Low: 0	1- Isn't actually one of the strategies that ought to be instituted under 2.2? 2- Could be incorporated into 2.2
5.2	Provide more resources to the Alaska Climate Research Center and the Alaska Center for Climate Assessment and Policy to provide objective, state-specific information on climate and associated changes.		High: 1 Medium: 4 Low: 1	
3.8	Institute a "business incubator" program to attract and support new business development relating to the new energy economy		High: 0 Medium: 5 Low: 1	
4.6	Educate students at all levels on climate change by organizing educators to identify, assemble, and employ climate change curricula for various age groups, integrating best practices into public school operations, integrating climate change into core college curricula, promoting research on climate change and solutions, and developing university "Centers for Excellence" on climate issues	✓	High: 0 Medium: 5 Low: 1	1- Part of education and outreach. Pass this ball to state Board of Education? Get Anchorage School District to pilot? 2- Part of 4.5 3- Combine with 4.7
4.3	Have the AK Governor be a high profile leader on climate change issues on par with other Republican governors	✓	High: 2 Medium: 1 Low: 3	1- This is also an outreach strategy that doesn't need to be its own top-ranked category 2- Viability of this option is questionable. 3- Link to 4.2

Option No.	Preliminary Medium Priority: GHG Reduction Policy Option	GLBE	Results: Priority for Analysis	Additional Comments
4.4	Develop and maintain a state climate change and energy efficiency website for the public, including a clearinghouse of climate change information and resources and education materials that address the climate impacts on the environment (e.g. a State of the Environment report)		High: 1 Medium: 3 Low: 1	1- Combine with 4.5 2- Again, this is exactly what an “education and outreach” office would do first. It doesn’t need to be its own top-ranked category; 3- Part of 4.5 4- Link to 3.1
3.3	Seek and stimulate funding for implementation of MAG recommendations		High: 1 Medium: 3 Low: 1	1- Is this not inherent in the MAG recommendations and not a separate option? 2- This really is a part of 3.1
2.3	Create a multi-governmental body (tribal, federal, state and local) to coordinate on-going efforts to reduce public sector emissions*	✓	High: 1 Medium: 3 Low: 2	1- Is this option complete, based on the note? 2- Sounds like a place where action goes to die
3.4	Review investment strategies used by the Alaska Permanent Fund in light of climate change and encourage balancing of the fund with investments in renewable and alternative energy technologies to promote clean energy innovation, research & development.	✓	High: 1 Medium: 3 Low: 3	1- I think we should stay away from this. The possible creation of an “alternative energy” economic boom (or bubble) during the next presidential term will sell itself. 2- Market will drive investments in companies that are involved in the renewable energy and “Green” sectors

Preliminary Rating: Low Priority Options for Analysis

Option No.	Preliminary Low Priority: GHG Reduction Policy Option	GLBE	Results: Priority for Analysis	Additional Comments
1.3	Establish a voluntary GHG emissions reporting program for those sectors not covered by mandatory reporting requirements. (This may be implemented as part of an existing voluntary program.)	✓	High: 0 Medium: 4 Low: 2	1- Combine with 1.2 2- Combine with 1.4
4.7	Introduce core competencies on climate change into professional licensing programs (e.g. energy efficiency in building design and construction, use of recycled materials, etc) and engage professional associations on these issues		High: 0 Medium: 4 Low: 2	1- Combine with 4.6 2- This item belongs under 2.2. The state should implement energy efficiency standards for construction. 3- Part of 4.5
4.2	Develop a state-based “brand” on climate and use it to promote awareness and action	✓	High: 0 Medium: 3 Low: 2	1- Part of 4.3 2- Part of outreach. It doesn’t need to be its own top-ranked category; 3- Part of 4.5
4.1	Conduct public polling to benchmark the extent and depth of climate understanding		High: 0 Medium: 3 Low: 3	1- Part of 4.5
5.1	Encourage the federal government to require inclusion of GHG emissions impacts in Environmental Assessments and similar environmental studies		High: 0 Medium: 2 Low: 4	