

Cross-Cutting (CC) Issues Technical Working Group Summary List of Recommended Priority Options for Analysis

Catalog of Mitigation Options – Final Ranking November 3, 2008

***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

FINAL Ranking: HIGH Priority Options for Analysis

| Option No.* | HIGH Options | GLBE ¹ | Results: Priority for Analysis |
|-------------|---|-------------------|---|
| 1.1 and 1.2 | Establish a mandatory GHG emissions reporting program, including inventory and forecasting functions. A regulatory entity will be identified to manage the program and coordinate with federal programs where possible. (Also encompasses 1.4, 1.3) | | Option #1.1 High: 8, Medium: 0, Low: 0 Option #1.2: High: 6, Medium: 0, Low: 2 |
| 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: 2 Low: 0 |
| 2.4 | Coordinate the climate change GHG mitigation goals and strategy with the State Energy Plan being developed by the Alaska Energy Authority to develop and meet energy goals and targets | ✓ | High: 5 Medium: 2 Low: 0 |
| 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. (Encompasses 3.7, 4.8, 4.6, 4.4, 4.7) | ✓ | High: 5 Medium: 2 Low: 0 |
| 2.2 | Develop and implement a list of early actions for State government to take to reduce GHG emissions to help meet state goals (Encompasses 3.5, 3.6) | ✓ | High: 5 Medium: 3 Low: 0 |
| 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: 5 Medium: 3 Low: 0 |
| 3.2 | Advocate for development of and participate in federal or regional cap and trade or other market-based systems to reduce GHG emissions. Coordinate state market efforts to support broader programs. | ✓ | High: 4 Medium: 2 Low: 1 |

¹ Checks in this column indicate “Government Lead by Example” activities that government entities at any level might undertake to demonstrate leadership specifically in reducing GHG emissions.

FINAL Ranking: MEDIUM Priority Options for Analysis

| Option No.* | MEDIUM Options | GLBE | Results: Priority for Analysis | Additional Comments |
|-------------|--|------|--------------------------------|--|
| 1.4 | Institute an accountability program to measure and report progress in reducing GHG emissions. | ✓ | High: 2 Medium: 4 Low: 0 | 1- Combine with 1.2 & 1.3 2- Wouldn't this be part of reporting? |
| 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: 2 | 1- Should this be part of 4.5? 2- A logical outreach strategy, as part of getting the word out about successes. |
| 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: 4 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 |
| 3.5 | Require projects funded with State bonding to be climate-neutral | | High: 1 Medium: 4 Low: 1 | 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: 7 Low: 0 | 1- Isn't actually one of the strategies that ought to be instituted under 2.2? 2- Incorporate 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: 5 Low: 1 | |
| 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: 5 Low: 2 | 1- Combine with 1.2 2- Combine with 1.4 |
| 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: 1 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 |

| Option No.* | MEDIUM Options | GLBE | Results: Priority for Analysis | Additional Comments |
|-------------|--|------|--------------------------------|---|
| 4.3 | Have the AK Governor be a high profile leader on climate change issues on par with other Republican governors | ✓ | High: 3 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 |
| 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: 2 | 1- Combine with 4.5 2- This is exactly what an "education and outreach" office would do first. 3- Link to 3.1 |
| 3.3 | Seek and stimulate funding for implementation of MAG recommendations | | High: 1 Medium: 4 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: 3 | 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: 4 Low: 3 | 1- 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 |
| 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: 1 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 |

| Option No.* | MEDIUM Options | GLBE | Results: Priority for Analysis | Additional Comments |
|-------------|---|------|--------------------------------|---------------------|
| 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: 2 | |

FINAL Ranking: LOW Priority Options for Analysis

| Option No.* | LOW Options | GLBE | Results: Priority for Analysis | Additional Comments |
|-------------|---|------|--------------------------------|---|
| 4.2 | Develop a state-based “brand” on climate and use it to promote awareness and action | ✓ | High: 0 Medium: 4 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: 4 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: 5 | |