Alaska Climate Adaptation Advisory Group
of the Governor’s Climate Change Sub-Cabinet

Meeting #1
May 16, 2008
Anchorage, Alaska

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Who is the Center for Climate Strategies?

• Non-profit focused on helping states develop comprehensive, stakeholder-driven climate action policies and plans.
• Typically work with senior state officials
  – Governors’ offices, Commissioners, Cabinets
• Multiple areas of technical and policy expertise:
  – Process design, formation, management & facilitation, decision support, conflict resolution & consensus building, technical analysis, and capacity building.
  – Multiple skills and tools for identifying & evaluating policy options
• Virtual organization with ~50 expert partners
• Unparalleled expertise with work in more than 25 states
Where Has CCS Been Active?

- Comprehensive Plans
- Partial Plans
- Initial Contact
- Other Plans
Who is Information Insights?

- One of Alaska’s leading economic and public policy consulting firms
- Clients span Alaska public and private sectors
  - State & municipal governments
  - Wide array of businesses (e.g., transportation, oil and gas)
  - Alaska Native non-profit and for-profit organizations
  - State and local non-profits
  - Educational institutions
- Specialize in:
  - Strategic planning and public process facilitation
  - Research, analysis and planning studies
  - System change
  - Program administration and evaluation
- Apply creativity and vision to tailor solutions for clients
State Climate Planning Process: Overview

- Comprehensive
- Stepwise
- Fact-based
- Self-determined
- Consensus-driven
- Informal
- Nonbinding
- Transparent
- Inclusive
- Flexible
Process Design & Development

• Prepare
  – Develop reference case *Vulnerability Assessment* (NCEP/Stratus)
  – Organize impacts into potential categories or “sectors” for stakeholder consideration of key impact focus areas (NCEP/Stratus)
  – Identify “catalogs” of potential policy options for each group
  – Start identifying policies & programs already in place in Alaska
  – Secure cost-share funding

• Design
  – Select team & partners; structure responsibilities & coordination
  – Help ADEC identify stakeholder participants
  – Help ADEC identify focus-area Technical Work Groups

• Launch Stakeholder Process
  – Climate Change Adaptation Advisory Group process
Stepwise Planning Process

1. Develop/revise baseline vulnerability assessment and impact focus areas
2. Identify a full range of possible actions ("catalog") and programs already in place
3. Identify initial priorities for analysis & development
4. Develop straw proposals
5. Evaluate (and quantify to the extent possible) costs and benefits
6. Evaluate feasibility issues; associated issues; linkages
7. Develop alternatives if needed to enhance consensus
8. Iterate to final agreement
9. Finalize and report recommendations
Process Design & Development

• Conduct
  – Stepwise process; iterate to consensus
  – All transparent, with public involvement at each stage

• Conclude
  – Determine consensus levels of priority policy options
  – Draft final reports and recommendations for the CCSC
Overarching Outcomes of the CCS/II Stakeholder-Based Planning Process

• Policy recommendations to the CCSC that are tailored for Alaska by Alaskans
• Comprehensive results across multiple focus areas
• Groundwork for implementation
• No surprises
• Broad consensus
• Relationships built
Overview of Roles and Responsibilities

- Climate Change Sub-Cabinet (CCSC) convened by Governor Palin
- DEC oversees and coordinates process on behalf of the CCSC
- CCAAG makes recommendations to CCSC
- Technical Work Groups (TWGs) assist in developing CCAAG recommendations
- Public input and review for stakeholders
- CCS & II provide facilitation, technical assistance, and prepare final report to CCSC
Governor Palin

Governor’s Sub-Cabinet on Climate Change

Immediate Action Work Group

Mitigation Advisory Group

Research Needs Work Group

Climate Change Adaptation Advisory Group

- Appointed Members
- Interested Parties
- Technical Experts
- Public

Public Infrastructure Technical Work Group

Health & Culture Technical Work Group

Natural Systems & Associated Economies Technical Work Group

Other Economic Activities Technical Work Group

(Mitigation TWG framework is similar)
Technical Work Groups

• Public Infrastructure
  – Roads and bridges; airports and landing strips
  – Port infrastructure, sea walls and shoreline protection
  – Buildings, utilities, water systems, sewerage, landfills, etc.
  – Ocean transportation

• Health & Culture
  – Human health, diseases, air & water quality, emergency response
  – Recreation; gardening; quality of life
  – Traditional cultures; subsistence way of life

• Natural Systems & Associated Economies
  – Forestry, agriculture; freshwater, marine & coastal ecosystems
  – Wildlife; fishing and hunting (subsistence & sport)

• Other Economic Activities
  – Oil & Gas; mining
  – Tourism / eco-tourism
  – Defense
Sectors x Mechanisms =
A “Portfolio” of Policy Options (Adaptation)

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Catalog of Adaptation Responses

• ~100-150 actions by states & internationally
• Existing, planned, and proposed state-level actions
• Wide variety of regions, sectors, focus areas
• Wide variety of implementation mechanisms or policy levers
• Will include key Alaska actions
• CCAAG will add new potential actions
• Starting place for identification of CCAAG priority options
Technical Work Group Roles

• Assist CCAAG:
  – Review and improve the vulnerability assessment
  – Identify potential state actions for catalog
  – Identify potential priorities for analysis
  – Suggest straw policy designs
  – Assist with analysis and review of options
  – Assist with development of alternatives
  – Assist with input to and review of CCAAG report
Policy Design Proposals

- CCAAG identifies 30-40 draft potential options for further development

- TWGs screen, prioritize, and propose initial policy option design ("straw proposals")
  - Goals
  - Coverage / Parties
  - Timing
  - Implementation Mechanism

- CCS team quantifies and presents for review and modification, if necessary

- CCAAG revisits list of potential priorities, as needed
Possible Selection Criteria

- Benefits
- Capital intensity or cost (qualitative)
- Feasibility
- Adaptive capacity
- Timing or urgency
- Flexibility
Policy Option Template

- Policy Description (Concept)
- Policy Design (Goals, Timing, Coverage)
- Implementation Methods
- Related Programs and Policies (BAU)
- Estimated Adaptation Benefits and Costs
- Additional Benefits and Costs (if needed)
- Feasibility Issues
- Status of Group Approval
- Level of Group Support
- Barriers to Consensus, if any
Transparency

• "Show Your Work"
  – Policy Design
    • Timing
    • Levels
    • Parties Involved
    • Implementation Methods
  – Evaluation Approach
    • Data sources
    • Methods
    • Assumptions
Examples of Possible Adaptation Policy Recommendations

- Incorporate climate impacts in prioritizing funding, design, operation and maintenance decisions
- Factor climate impacts and risks in emergency response and public health planning
- Revise land use, shoreline, and flood control plans (and planning) to address climate impacts
- Incorporate climate impacts in the design of harbor and dockside infrastructure
- Revise building codes (e.g., modular construction, adjustable foundations over permafrost, etc)
- Develop strategies to respond to potential increases in undesirable exotic and invasive species
Final Report

- Executive Summary
- Background, Purpose, & Goals
- Alaska Vulnerability Assessment (NCEP)
- CCAAG Recommendations and Results
  - Public Infrastructure
  - Health & Culture
  - Natural Systems & Associated Economies
  - Other Economic Activities
- Appendices
Break
Ground Rules

• Support the process
• Attend meetings
• All on equal footing
• Make objective and timely contributions
• Stay current with information
• No backsliding
• No member represents the CCSC
Prospective Timetable:
Climate Change Adaptation Advisory Group

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<tr>
<th>Date</th>
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<tr>
<td>May 16, 2008</td>
<td>1st Meeting: Meet with IAWG and RNWG</td>
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<tr>
<td>July 16, 2008</td>
<td>2nd Meeting: Review Process, Vulnerability</td>
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<td>September 23, 2008</td>
<td>3rd Meeting: Catalog of Potential Policy Options</td>
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<td>November 7, 2008</td>
<td>4th Meeting: Select Priority Policy Options</td>
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<td>February 6, 2009</td>
<td>5th Meeting: Approve Straw Proposals</td>
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<td>March 5, 2009 (tent.)</td>
<td>6th Meeting: Initial Assessment of Options</td>
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<td>April 30, 2009 (tent.)</td>
<td>7th Meeting: Approve Recommended Options</td>
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<td>Following Conclusion</td>
<td>Final Report to Sub-Cabinet</td>
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<td>Regular TWG teleconference meetings and possible face-to-face meetings</td>
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Next Steps for CCAAG and Technical Work Groups

• Refine vulnerability assessment and existing actions in Alaska
• Develop catalogs of potential state actions, by sector
• 2 TWG calls between now and July meeting
• In July, CCAAG signs off on catalogs
• Begin discussion about priority policy options for further analysis
Next CCAAG Meeting

• Agenda
  – Review catalog of potential state actions
  – Review Alaska vulnerability assessment
  – Begin discussion of initial priority policy options for analysis

• Date and Location
  – Tuesday, July 16, 2008
  – Fairbanks, Alaska
Public Input
Announcements
Thank you for your time and attention!

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