



The Center for Climate Strategies

Helping States and the Nation Tackle Climate Change



Information Insights

vision + creativity = solutions

Comprehensive, Stakeholder-Based State Climate Action Planning

Presentation to the Governor's
Climate Change Sub-Cabinet

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Anchorage, Alaska

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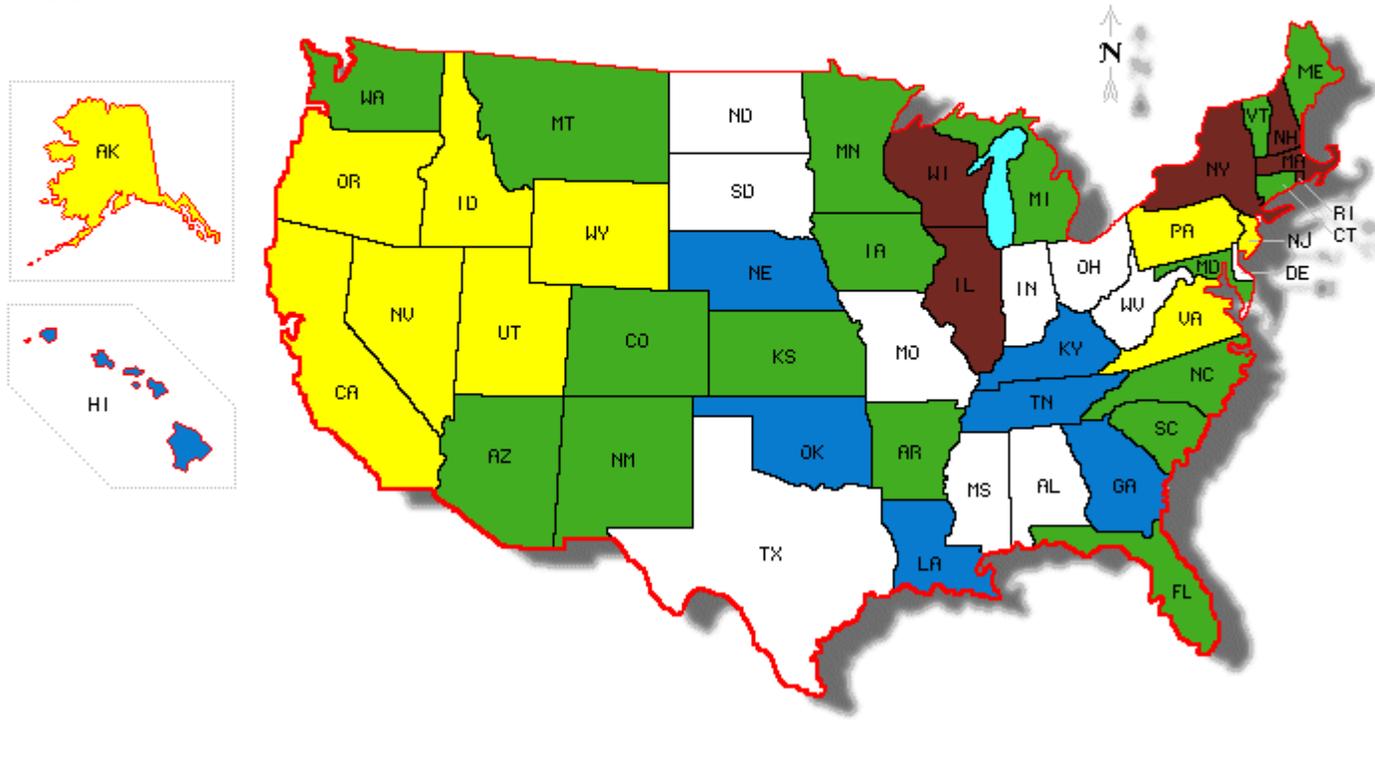
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Who is the Center for Climate Strategies?

- 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, 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 baseline *Vulnerability Assessment* (Adaptation) and *Inventory & Forecast* (Mitigation)
 - Identify “catalogs” of potential policy options for each group
 - Identify 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 sector-based Technical Work Groups (subcommittees)
- Launch Stakeholder Processes
 - Climate Change Adaptation Advisory Group process
 - Climate Change Mitigation Advisory Group process

Stepwise Stakeholder Process

- Develop/revise vulnerability assessment (Adaptation) or inventory and forecast of GHG emissions (Mitigation)
- Identify a full range of possible actions (“catalogs”)
- Identify initial priorities for analysis
- Develop straw proposals
- Evaluate and quantify to the extent possible costs and benefits (e.g., GHG reductions, costs or savings, etc.)
- Evaluate feasibility issues; associated issues
- Develop alternatives if needed to address barriers
- Aggregate results
- Iterate to final agreement
- 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 Sub-Cabinet

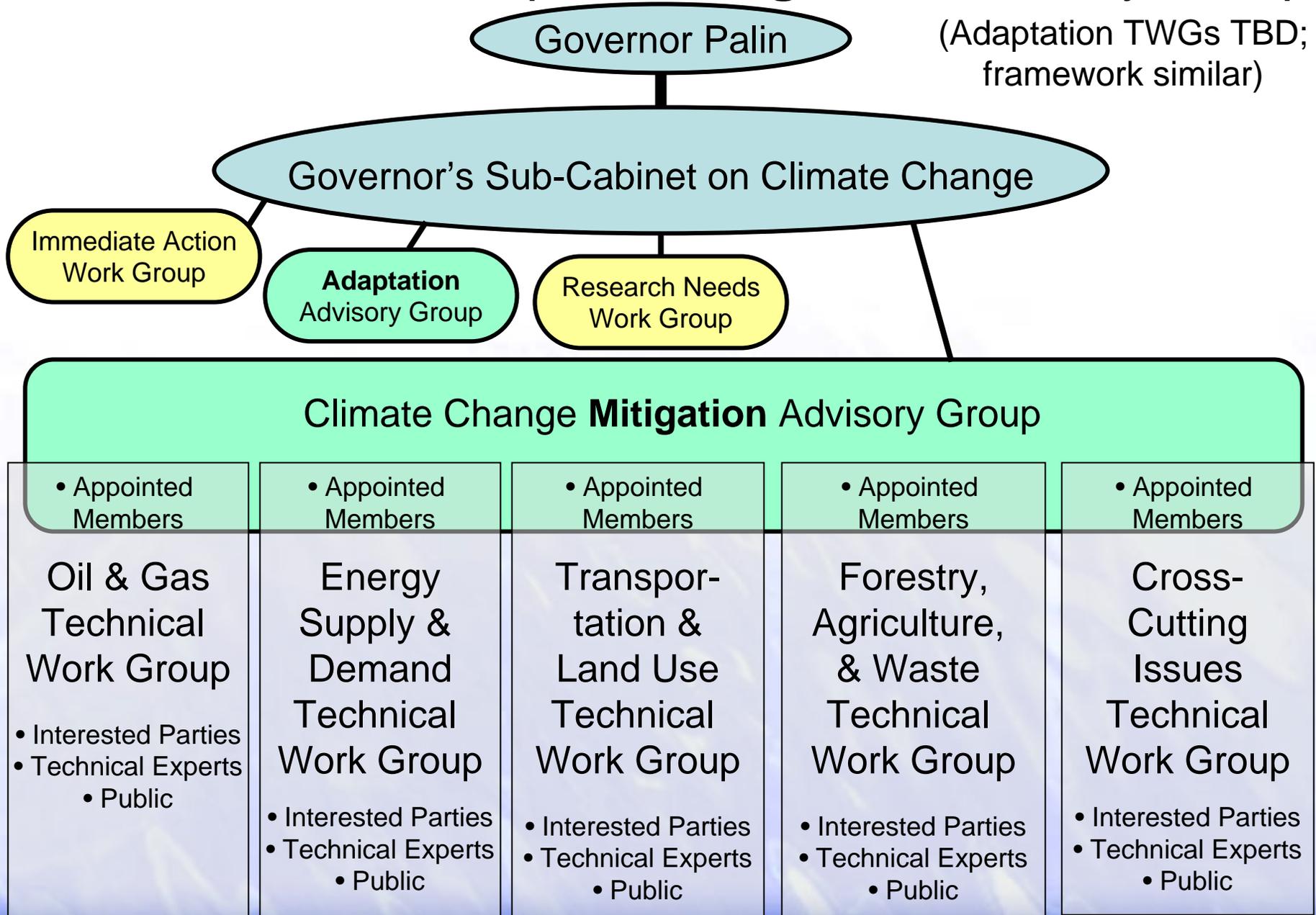
Transparency



- “Show Your Work”
 - Policy Design
 - Timing
 - Levels
 - Parties
 - Implementation Methods
 - Evaluation Approach
 - Data sources
 - Methods
 - Assumptions

Technical Work Groups for **Mitigation** Advisory Group

(Adaptation TWGs TBD;
framework similar)



Sectors x Mechanisms = A “Portfolio” of Policy Options

	Codes & Standards	Market Mechanisms	Funding Mechanisms	Voluntary Agreements	Technical & Financial Assistance	Information & Education	Pilots & Demo Projects	Reporting & Disclosure
Agriculture & Forestry								
Energy Supply								
Residential, Commercial, & Industrial								
Transportation & Land Use								
Waste Management								
Cross-Cutting Issues (Education, Registries, etc.)								

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

Examples of Prior **Mitigation** Policy Recommendations

- Energy-Efficient Building Codes
- Enhanced Appliance Standards
- Demand-Side Management; Rate Design
- Renewable Energy Incentives
- Remove Barriers to Combined Heat and Power (CHP)
- Reduce Venting/Flaring in Oil & Gas Operations (CH₄)
- Clean Car Standards; Low Rolling-Resistance Tires
- Biomass and Biofuels Incentives
- Enhanced Solid Waste Recovery & Recycling
- Green Technology Incubator / Clearinghouse
- Climate Courses in Professional Licensing Programs

Prospective Timetable: Climate Change **Adaptation** Advisory Group

Date	Action
March 2008	1 st Meeting: Meet with IAWG and RNWG
May 2008	2 nd Meeting: Review Process, Vulnerability
July 2008	3 rd Meeting: Catalog of Potential Policy Options
September 2008	4 th Meeting: Select Priority Policy Options
November 2008	5 th Meeting: Approve Straw Proposals
January 2009	6 th Meeting: Initial Assessment of Options
February 2009	7 th Meeting: Approve Recommended Options
April 2009	Final Report to Sub-Cabinet
Between Meetings	Regular TWG teleconference meetings and possible face-to-face meetings

Prospective Timetable: Climate Change **Mitigation** Advisory Group

Date	Action
March 2008	1 st Meeting: Review Process, Inventory
May 2008	2 nd Meeting: Catalog of Potential Policy Options
July 2008	3 rd Meeting: Select Priority Policy Options
September 2008	4 th Meeting: Approve Straw Proposals
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Overarching Outcomes of the CCS/II Stakeholder-Based Planning Process

- Policy recommendations tailored for Alaska by Alaskans
- Comprehensive, multi-sector results
- Broad consensus
- Quantified results – to the extent possible
- Groundwork for implementation
- No surprises
- Recommendations to CCSC
- Relationships built

Sampling of State Mitigation Plan Results

State	End Date	Policy Options	Degree of Unanimity	Amount of GHG Reductions	Overall NPV Cost or Savings	Jobs Impact
AZ	2006	49	92%	<ul style="list-style-type: none"> • 2000 level by 2020 • Half 2000 level by 2040 	\$5.5 billion savings 2007-2020	285,000
CA	2008	n/a	n/a	<ul style="list-style-type: none"> • AB-32: 1990 level by 2020 	AB-32	AB-32 83,000
CO	2007	70	87%	<ul style="list-style-type: none"> • 37% below projected emissions by 2020 		Not assessed
CT	2005	55	High	<ul style="list-style-type: none"> • 1990 level by 2010 • 10% below 1990 level by 2020 		Not assessed
ME	2004	54	High	<ul style="list-style-type: none"> • 1990 level by 2010 • 10% below 1990 level by 2020 	Net Savings	Not assessed
MT	2007	54	98%	<ul style="list-style-type: none"> • 1990 level by 2020 	\$78 million savings 2007-2020	Not assessed
NC	2007	56	85%	<ul style="list-style-type: none"> • 47% below projected emissions by 2020 	\$7.5 billion savings 2007-2020	44,500
NM	2006	69	97%	<ul style="list-style-type: none"> • 2000 level by 2012 • 10% below 2000 level by 2020 	\$2.2 billion savings 2007-2020	Not assessed
VT	2007	37	86%	<ul style="list-style-type: none"> • 25% below 1990 level by 2012 • 50% below 1990 level by 2028 	\$1.3 billion savings 2007-2028	Not assessed

Follow-up analysis for Alaska could leverage Information Insights' economic analysis capabilities.



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*Thank you
for your time
and attention!*