



Colorado Climate Action Panel
Transportation and Land Use
Policy Work Group
Meeting #1
January 17, 2007



Welcome and Introductions

- Rocky Mountain Climate Organization
- Center for Climate Strategies
- Policy Work Group Members
- Agency Observers and Liaison
- Members of the Public

Agenda

1. Introductions and Agenda [5 min.]
2. Purpose and Goals [5 min.]
3. Review of the CAP Process [10 min.]
4. Review and Discussion of the Catalog of State Actions [60 min.]
5. Next Steps of Policy Work Groups [1 min.]
6. Agenda, Time and Date for Next Meeting [1 min.]
7. Public Input and Announcements [10 min.]

Purpose & Goals

- **Purpose:**
 - **Develop recommendations for actions that can be taken in CO to reduce the state's contribution and vulnerability to a changed climate.**
- **Goals:**
 - **Review and approval of a current and comprehensive inventory and forecast of GHG emissions in CO from 1990 to 2020;**
 - **Development of a comprehensive set of individual policy recommendations to reduce GHG emissions and vulnerability to climate change in CO in future years through 2020 or later;**
 - **Development of goals for statewide reductions in the amount of greenhouse gases emitted that can be adopted consistent with the goal of an efficient, robust Colorado economy**

Roles & Responsibilities

- Process convened by RMCO and its Project Directors
- RMCO oversees and coordinates process
- CAP makes recommendations to RMCO
- PWGs provide guidance to CAP
- Public input and review for stakeholders
- CCS provides facilitation, technical support, final report

Formation of Policy Work Groups

- Five PWGs
- Lead by CCS Facilitator and Consultant
- Advice and assistance to CAP
 - Policy recommendations
 - Inventory and forecast of CO GHG emissions
- Each meets by teleconference twice between CAP meetings
- CAP members and other interested parties and experts

Policy Work Groups

- Energy supply
- Residential, Commercial, Industrial
- Transportation and Land Use
- Agriculture, Forestry and Waste Management
- Cross Cutting Issues (reporting, registries, education)

Timing

Date	Action
November 20, 2006	1 st CAP meeting
February 15, 2007	2 nd CAP meeting
April 2007	3 rd CAP meeting
June 2007	4 th CAP meeting
September 2007	5 th CAP meeting
November 2007	6 th CAP meeting
December 2007	CAP Report Expected
Between CAP Meetings	PWG conference calls and meetings

Step 1:

Catalog of States Actions

- Refer to handout: Catalog of States Actions
 - Existing, planned and proposed state level actions
 - Wide variety of US states
 - All sectors
 - Wide variety of implementation mechanisms
 - Includes key CO actions
 - CAP can add new potential actions
 - Starting place for identification of CAP priorities

Step 2: Screening of Potential Actions

Option No.	Climate Mitigation Option	Priority for Analysis	Potential GHG Emissions Reduction	Potential Cost or Cost Savings	Additional Impacts, Feasibility Considerations	Notes
AFW-1	AGRICULTURE'S PRODUCTION OF FUELS AND ELECTRICITY					
1.1	Manure Digesters/Other Waste Energy Utilization**					
1.2	Biodiesel Production (incentives for feedstocks and production plants)					
1.3	Biomass Feedstocks for Electricity or Steam Production**					
1.4	Ethanol Production					

Step 3:

Initial Priorities for Analysis

- CAP identifies about 50 draft potential options for further development
 - Approximately top 10 or more for each PWG area
 - CAP revisits list of potential priorities, as needed, based on discussion and results of analysis

Step 4:

Policy Design Proposals

- PWGs propose initial policy option design (“straw proposals”)
 - Timing
 - Goals
 - Parties Involved

Step 5: Analysis

- CCS quantifies and presents for PWG and CAP review, revision if/as needed
 - GHG reduction potential
 - Cost or cost savings (NPV and \$ per ton of GHG reduction)
 - Explicit data sources, methods, assumptions

Step 6: Policy Option Templates

- **Policy Description (Concept)**
- **Policy Design (Goals, Timing, Participation)**
- **Implementation Methods**
- **Related Programs and Policies (BAU)**
- **Estimated GHG Savings and Costs Per MMTCO_{2e}**
 - Data Sources, Methods and Assumptions
 - Key Uncertainties
- **Additional (non-GHG) Benefits and Costs, if Needed**
- **Feasibility Issues, if Needed**
- **Status Of Group Approval and Level of Group Support**
- **Barriers to Consensus, if any**

Step 7: Final Report to RMCO

- **Executive Summary**
- **Background, Purpose And Goals**
 - Description Of The Process
 - History And Status Of State Actions
- **CO Emissions Inventory & Forecast**
- **CAP Policy Recommendations & Results**
 - Agriculture, Forestry and Waste Management
 - Energy Supply
 - Residential, Commercial, Industrial
 - Transportation & Land Use
 - Cross Cutting Issues
- **Appendices**



Transportation and Land Use Actions

Categories from catalog of state actions:

- Improving Efficiency of Vehicle Design
- Increasing Use of Low-Carbon Alternative Fuels
- Improving Transportation System Efficiency
- Increasing Location Efficiency of Urban Systems
- Improving Operational Efficiency of Transportation

Please turn to the separate Catalog of State Actions for discussion covering agenda item #4.

Lessons Learned from Other States

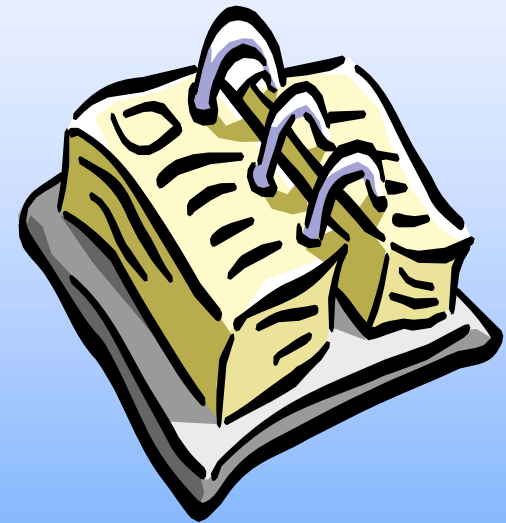
- A. Adopting Leading Technologies is Essential
- B. Prudent Investment in Capital Stocks has Long-Lasting Benefits
- C. High Standards will Create a Beneficial and Level Playing Field
- D. Addressing Transportation Means Facing a Complex System

Policy Work Group Next Steps

- Review and discuss catalog of state actions
- Identify missing potential Colorado actions for CAP consideration
- Review and potential revision of Colorado GHG inventory and forecast

Next PWG Meeting

- Agenda:
 - Identify suggested additions to the catalog of states actions
 - Identify suggested updates to the Colorado emissions inventory and projection
- February 14, 2007, Time and Location TBD



Public Input, Announcements