



STATE OF WASHINGTON
DEPARTMENT OF COMMUNITY,
TRADE AND ECONOMIC DEVELOPMENT

Washington Climate Challenge

Climate Advisory Team

Meeting #7

December 4-5, 2007

WA Departments of Ecology (Ecy) and
Community Trade & Economic Development (CTED)

Center for Climate Strategies

Ross & Associates

Day 1 Agenda

December 4, 9:00 a.m. – 5:00 p.m.

- **Welcome and Agenda Review**
- **CAT Progress and Meeting Objectives**
- **Continuing to Develop the Suite of Sector-Specific Strategies**
 - Option Revisions and Draft Integrated Results
 - Review, Amend and Affirm Headlines, Associated TWG Strategies, and ‘Most Promising’ Strategies for Each Headline
- **Public Comment**
- **Washington’s ‘Comprehensive Climate Approach’**
 - Review and Affirm the Draft Directional Statements
- **Day 1 Recap and Looking Ahead to Day 2**

Day 2 Agenda

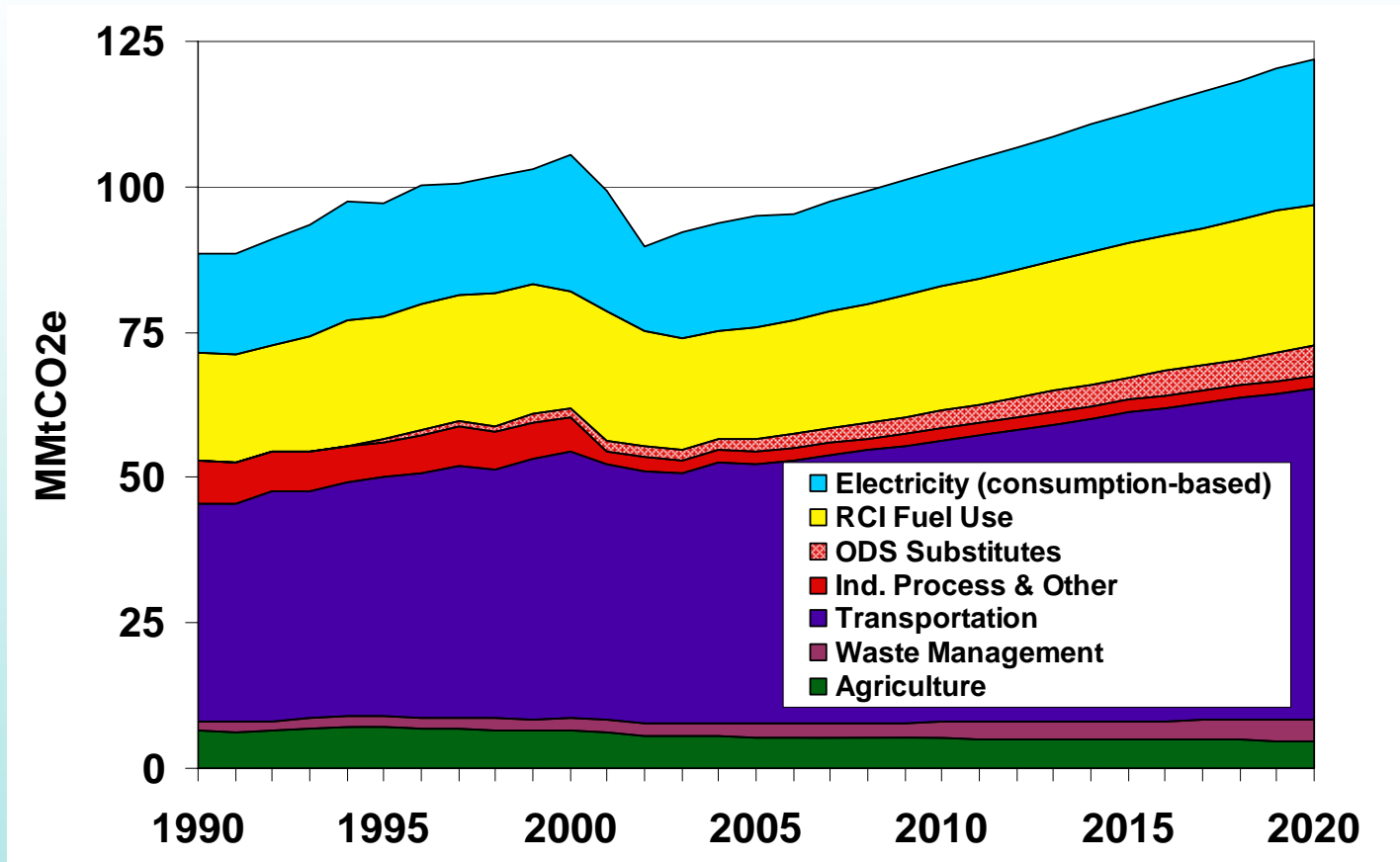
December 5, 8:00 a.m. – 1:45 p.m.

- **Welcome and Day 1 Recap**
- **Fulfilling the Washington Climate Change Challenge**
 - CAT Recommendations on Early Actions
 - PAWG Recommendations
 - Education Recommendations
- **Future Work of the CAT**
- **Public Outreach and Comment Process of the Draft Recommendations**
- **Final Report Schedule and Expectations**
- **Next Steps**
- **Public Comment**

Final TWG Review and Integrated Analysis

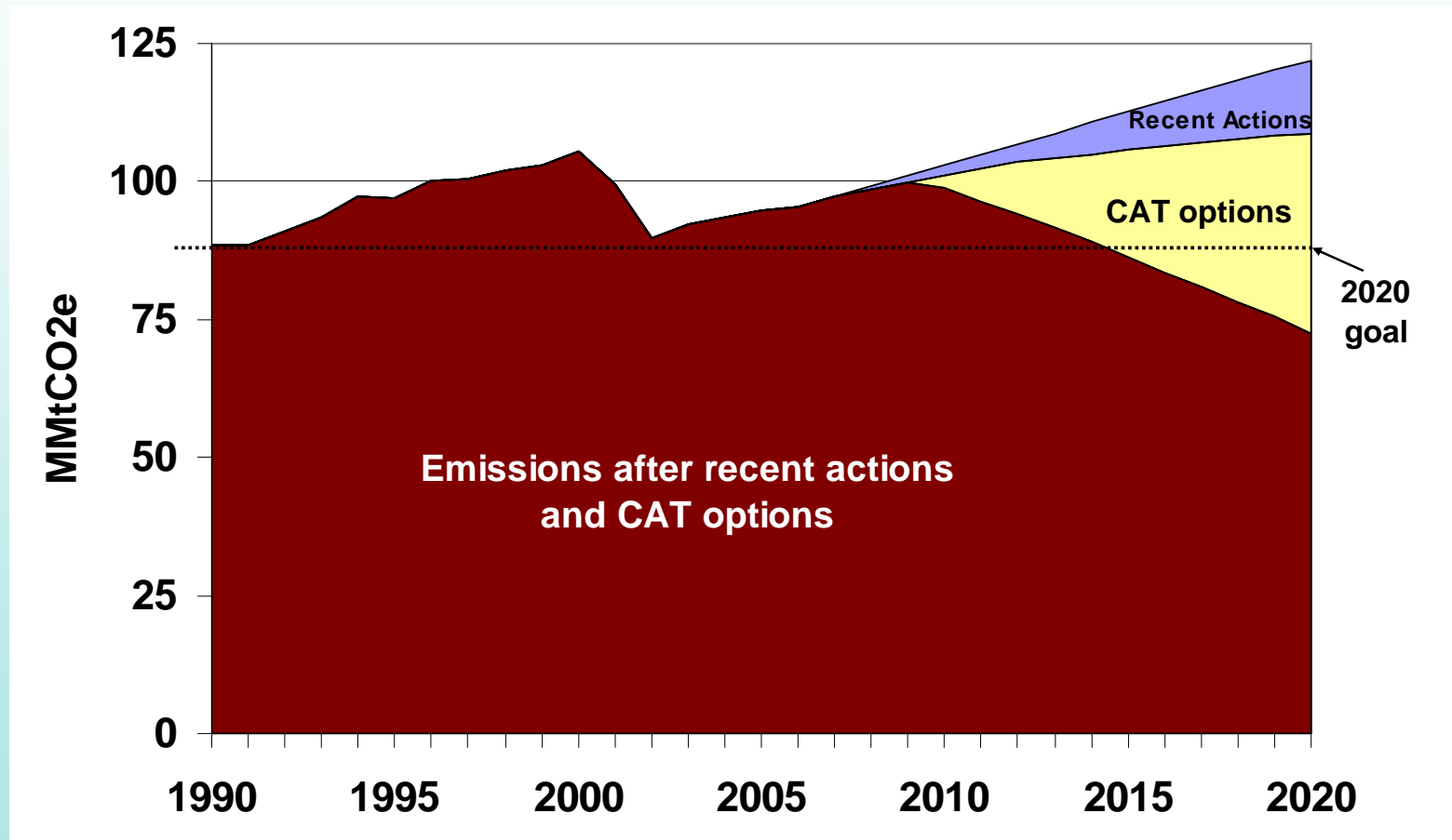
- TWGs revised policy options documents
 - Responses to feedback from last CAT meeting
 - Refinement of quantification results
 - Additional input on implementation mechanisms, uncertainties, contribution to other goals, additional benefits and costs.
- Integrated analysis largely complete, including clean energy jobs and fuel import impacts

GHG Emissions, 1990-2020



- Inventory and BAU projections now complete
- “Plain talk” write-up to be posted next week

Impact of recent actions and full suite of CAT policy options



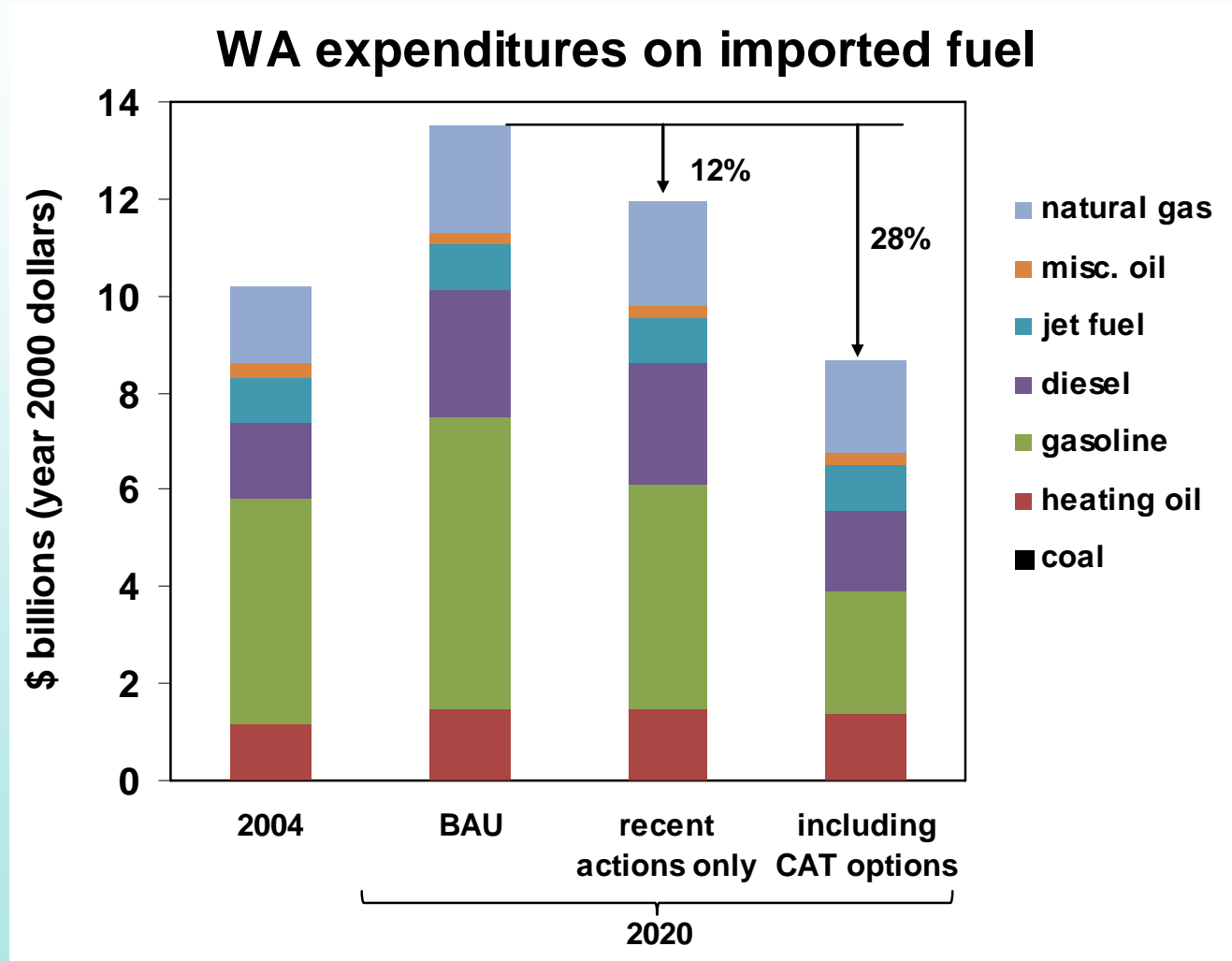
Integrated Analysis Approach

- Spreadsheet approach captures major overlaps within and among sectors, e.g. for biofuels (T, A/W, and F) and electricity (ES, RCI, and T)
 - Accounts for recent actions
 - Significant uncertainty in impact on load-based electricity emissions
- Integrated cost analysis partly complete
 - Cost analysis of recent actions underway

Fuels Goal Analysis

- "By 2020, reduce expenditures by 20% on fuel imported into the state by developing Washington resources and supporting efficient energy use" (E.O.)
 - "reduce" means reduce relative to expenditures that would have occurred absent policies and actions implemented in relation to this Executive Order;
 - "expenditures" means end-consumer spending;
 - "fuel" means coal, petroleum, natural gas and biomass fuels, EXCEPT such fuels consumed in Washington State for the production of electricity.
- Jobs and fuels analyses will be based on integrated analysis of TWG strategies (e.g. total amount of biofuels produced, total amount of gasoline/diesel displaced)

Fuel import analysis results



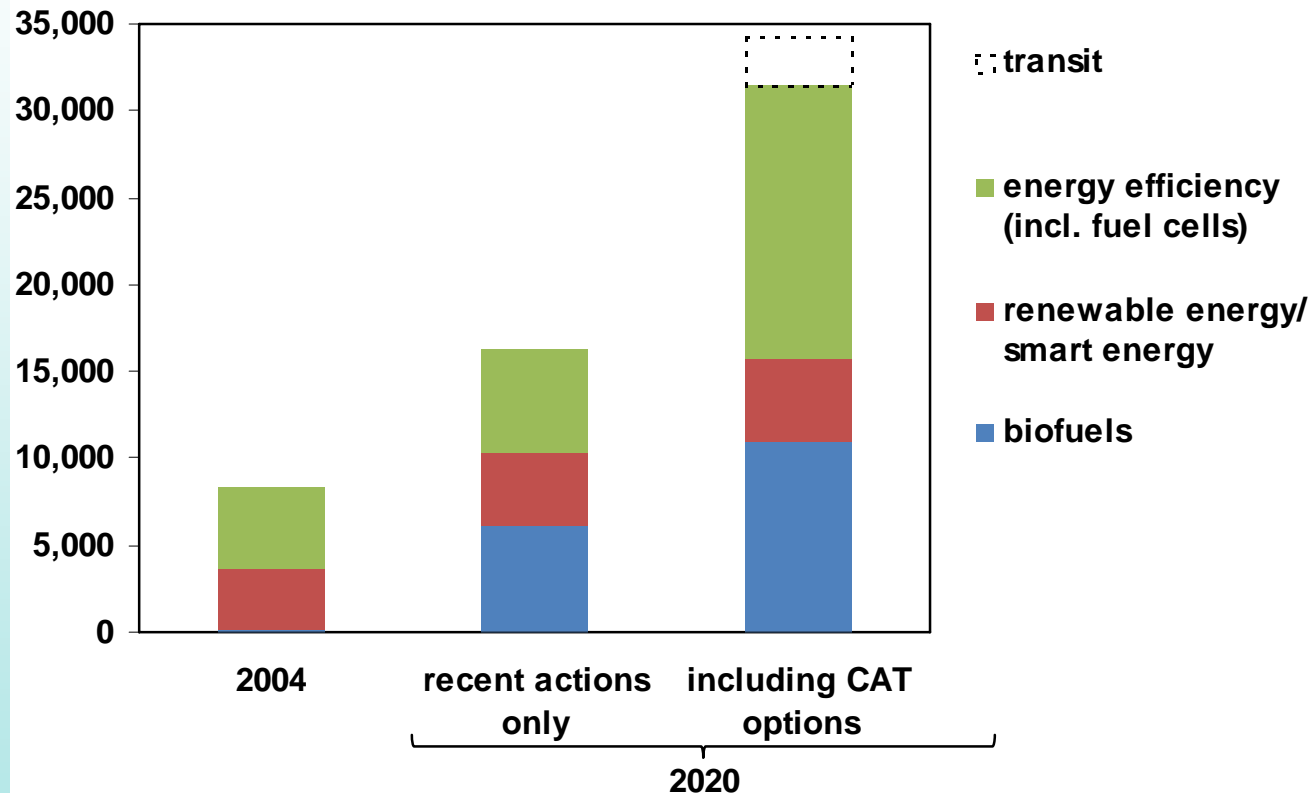
- Assumes biofuels are grown/manufactured in-state
www.ecy.wa.gov/climatechange

Jobs Goal Analysis

- “By 2020, increase the number of clean energy sector jobs to 25,000 from the 8,400 jobs we had in 2004.” (E.O.)
- For consistency, clean energy sector is as defined by 2004 report referenced by the Executive Order
 - Ten sub-industries covering renewable energy, “smart” energy, and energy efficiency
- Projected jobs impacts based on jobs per dollar spent (where spending estimates available) or per energy delivered (aMW of renewables, gallons of biofuel, etc.)

Jobs analysis results

WA clean energy jobs



- As noted, direct jobs in selected industries only
- Transit jobs shown for illustration (not in 2004 study definition)

Jobs analysis results

- Suggestion: Stacked bar graph showing jobs by category, 2004 and 2020, including hatched items on top of 2020 for the jobs not included (transit, ag/for)
- Include a bullet like the following as a caveat
 - Not included: indirect jobs supporting these sub-industries; direct jobs from CAT options outside clean energy sectors; indirect job gains due to increased consumer spending or job losses due to shifting away from emissions-intensive activities and products or due to any price increases that might occur.

Introduction – Headlines, Supporting TWG Strategies, and ‘Most Promising’

- 16 CAT homework responses received and collated
 - Significant convergence in the headlines and strategy placement
 - Notable convergence in the selection and justification for ‘most promising’
 - Not every responded filled out strategies for every headline, so not all votes total 16 under any one headline
- Today:
 - Review and discuss the homework outcomes, draft headline and associated strategies
 - Discuss any points of divergence, and amend the headlines and linked strategies as necessary
 - Affirm the headlines, associated strategies, and ‘most promising’ strategies
 - The process will seek, but not mandate consensus
- Draft headlines and associated strategies will be part of the draft CAT recommendations distributed for public review and comment
- January 25: Final report will document level of support for CAT recommended options, including alternative views as needed

- 1. Plan and build livable communities in which options such as walking, biking and public transit are affordable, efficient and reliable alternatives to the single occupancy vehicle for many of the trips people now make in their daily lives.**

(Original: Design communities and offer services and incentives that provide real alternatives to the single occupancy vehicle)

1. Plan and build livable communities

#	Strategy Title	# of notes
T-4	Promote Compact and Transit-Oriented Development	8
T-1	Transit, Ridesharing, and Commuter Choice Programs	7
T-3	Transportation Pricing	7
RCI-3	Promotion and Incentives for Improved Community Planning and Improved Design and Construction (Third-party Sustainability, Green, and Energy Efficiency Building Certification Programs) in the Private and Non-State Public Sectors	7
T-2	State, Regional, and Local VMT Reduction Goals and Standards	4
<i>T-0</i>	<i>New Funding Mechanisms</i>	<i>3</i>
<i>T-6</i>	<i>Improvements to Freight Railroads and Intercity Passenger Railroads</i>	<i>3</i>
<i>RCI-9</i>	<i>Identify GHG Emissions Impacts and Measures to Avoid, Minimize, or Mitigate them for Projects Requiring Government Review, and in Designing Government Rules and Regulations</i>	<i>1</i>
<i>T-5</i>	<i>Quantification of GHG Impacts of Transportation Plans, Programs, and Projects</i>	<i>0</i>
<i>T-8</i>	<i>Local Transportation Financing Tools and Bicycle and Pedestrian Infrastructure Improvements</i>	<i>0</i>

2. Ensure Washington has vehicles that get better mileage and use non-carbon or lower carbon intensity fuels developed sustainably from Washington's crops and forests

(Original - Ensure Washington has cars and trucks that get better mileage and use low carbon fuels developed from Washington's crops and forests)

- Alternative: Ensure Washington has vehicles that get better mileage and use non-carbon or lower carbon intensity fuels.

2. Vehicles that get better mileage and use low/non-carbon fuel

#	Strategy Title	# of Votes
T-11	Low Carbon Fuel Standard	11
T-7	Diesel Engine Emission Reductions and Fuel Efficiency Improvements	10
T-10	Actions to Accelerate and Integrate Plug-In Hybrid Electric Vehicle Use	6
AW-2	In-State Production of Biofuels and Biofuels feedstocks	5
F-7	Improved Commercialization of Advanced Lignocellulosic Processes	5
T-6	Improvements to Freight Railroads and Intercity Passenger Railroads	3
<i>T-12</i>	<i>Zero Emission Vehicle Standards and Low-GHG Refrigerants</i>	<i>2</i>
<i>T-0</i>	<i>New Funding Mechanisms</i>	<i>1</i>
<i>AW-1</i>	<i>Manure digestion for transportation fuel</i>	<i>Added - 1</i>

3. Shift Washington's transportation investments from moving vehicles towards moving people and goods and make the most efficient use of our existing transportation infrastructure and capacity

(Original: Make Washington's transportation infrastructure as efficient as possible in moving people and freight)

3. Shift Washington's transportation investments

#	Strategy Title	# of Votes
T-3	Transportation Pricing	10
T-6	Improvements to Freight Railroads and Intercity Passenger Railroads	9
T-9	Transportation System Management	6
T-0	New Funding Mechanisms	5
<i>T-5</i>	<i>Quantification of GHG Impacts of Transportation Plans, Programs, and Projects</i>	<i>3</i>
<i>AW-8</i>	<i>Support for an Integrated Regional Food System</i>	<i>1</i>
<i>T-1</i>	<i>Transit, Ridesharing, and Commuter Choice</i>	<i>Added – 1</i>

4. Design, build, upgrade and operate new and existing buildings and equipment to maximize energy efficiency

(Original - Build, operate and maintain smart, energy-efficient buildings and equipment)

4. Design, build, upgrade and operate new and existing buildings

#	Strategy Title	# of Votes
RCI-2	Targeted Financial Incentives and Instruments to Encourage Energy Efficiency Improvements (Business Energy Tax Credit and Private/Public Efficiency Funds)	10
RCI-1	Demand-Side Management (DSM) Energy Efficiency Programs, Funds, or Goals for Natural Gas, Propane, and Fuel Oil	10
RCI-4	Energy Efficiency Improvement in Existing Buildings, with Emphasis on Building Operations	9
RCI-10	More Stringent Appliance/Equipment/ Lighting Efficiency Standards, and Appliance and Lighting Product Recycling and Design	8
RCI-3	Promotion and Incentives for Improved Community Planning and Improved Design and Construction (Third-party Sustainability, Green, and Energy Efficiency Building Certification Programs) in the Private and Non-State Public Sectors	8

Additional strategies for Headline 4

RCI-11	<i>Policies and/or Programs Specifically Targeting Non-energy GHG Emissions</i>	2
RCI-7	<i>Provide Incentives and Resources to Promote and Reduction of Barriers to Implementation of Combined Heat and Power (CHP, or “cogeneration”) and Waste Heat Capture, Including Net-metering for Combined Heat and Power</i>	1
ES-6	<i>Transmission system capacity, access, efficiency, and Smart Grid</i>	1
ES-7	<i>Combined Heat and Power (CHP) and Thermal Energy Recovery and Use</i>	1
F-5	<i>Expanded Use of Wood Products for Building Materials</i>	1
RCI-8	<i>Consumer Education Programs, Including Labeling of Embodied Life-cycle Energy and Carbon Content of Products and Buildings</i>	0
ES-4	<i>Technology Research & Development, plus Technology-Focused Initiatives</i>	0

5. Meet power supply requirements through the efficient use of fuels and from non-carbon or lower carbon intensity fuel sources

(Deliver power from lower carbon sources and more efficient use of fuels)

5. Meet power supply requirements through efficiency and low/non-carbon

#	Strategy Title	# of Votes
ES-6	Transmission system capacity, access, efficiency, and Smart Grid	7
ES-7	Combined Heat and Power (CHP) and Thermal Energy Recovery and Use	7
ES-1	Grid-based renewable energy incentives and/or barrier removal	7
RCI-5	Rate structures and Technologies to Promote Reduced GHG Emissions (including Decoupling of Utility Sales and Revenues)	6
ES-2	Distributed renewable energy incentives and/or barrier removal	4
<i>ES-5</i>	<i>CCSR (including pre and post-combustion) incentives, requirements and/or enabling policies plus R&D</i>	<i>3</i>
<i>ES-3</i>	<i>Efficiency improvements at existing renewable and power plants</i>	<i>2</i>

Additional strategies for Headline 5

ES-4	<i>Technology Research & Development, plus Technology-Focused Initiatives</i>	2
RCI-6	<i>Provide Incentives to Promote and Reduction of Barriers to Implementation of Renewable Energy Systems</i>	1
RCI-7	<i>Provide Incentives and Resources to Promote and Reduction of Barriers to Implementation of Combined Heat and Power (CHP, or “cogeneration”) and Waste Heat Capture, Including Net-metering for Combined Heat and Power</i>	1
AW-1	<i>Manure Digesters/Other Waste Energy Utilization</i>	1
F-6	<i>Expanded Use of Biomass Feedstocks for Electricity, Heat and Steam Production</i>	1
F-7	<i>Improved Commercialization of Advanced Lignocellulosic Processes</i>	1 added – 0 votes
AW-2	<i>In-State Production of Biofuels and Biofuels feedstocks</i>	1 added – 0 votes

6. Restore and retain the health and vitality of Washington's farms and forest lands to increase the sequestering and storage of carbon, to reduce the release of greenhouse gas emissions and to support the provision of biomass fuels.

(Retain Washington's working forests and farms and enhance their productivity in storing carbon)

6. Restore and retain the health and vitality of Washington's farms and forest lands

#	Strategy Title	# of Votes
AW-4	Agricultural Carbon Management	8
F-1	Improved Forest Health	7
F-2	Reduced Conversion to Nonforest Cover	7
F-8	Urban and Community Forests	5
AW-7	Preserve Open Space/Agricultural Land	5
F-7	Improved Commercialization of Advanced Lignocellulosic Processes	4
<i>AW-5</i>	<i>Agricultural Nutrient Management</i>	<i>2*</i>
<i>AW-6</i>	<i>Reductions In On-Farm Energy Use and Improvements in Energy Efficiency</i>	<i>2*</i>
<i>F-3</i>	<i>Enhanced Carbon Sequestration in Forests</i>	<i>2</i>
<i>AW-2</i>	<i>In-State Production of Biofuels and Biofuels feedstocks</i>	<i>1</i>
<i>AW-8</i>	<i>Support for an Integrated Regional Food System</i>	<i>1</i>
<i>F-4 & F-5</i>	<i>Enhanced carbon sequestration in harvested wood products And Expanded Use of Wood Products for Building Materials</i>	<i>Added and Combined – 1</i>

7. Reduce waste and Washington's global warming pollution through improved product choices and committed environmental stewardship

(Reduce waste and our carbon footprint through product choice and stewardship)

7. Reduce waste and global warming pollution

#	Strategy Title	# of Votes
AW-3	Significantly Expand Source Reduction, Reuse, Recycling and Composting	13
RCI-8	Consumer Education Programs, Including Labeling of Embodied Life-cycle Energy and Carbon Content of Products and Buildings	6
<i>F-5</i>	<i>Expanded Use of Wood Products for Building Materials</i>	<i>3</i>
<i>RCI-11</i>	<i>Policies and/or Programs Specifically Targeting Non-energy GHG Emissions</i>	<i>Added - 3</i>
<i>F-4</i>	<i>Enhanced Carbon Sequestration in Harvested Wood Products</i>	<i>2</i>
<i>RCI-10</i>	<i>More Stringent Appliance/Equipment/ Lighting Efficiency Standards, and Appliance and Lighting Product Recycling and Design</i>	<i>Added - 2</i>
<i>AW-1</i>	<i>Manure Digesters/Other Waste Energy Utilization</i>	<i>Added - 1</i>
<i>AW-2</i>	<i>In-State Production of Biofuels and Biofuels feedstocks</i>	<i>Added - 1</i>

Proposed Headline

8. Build villages that have smart, integrated and networked energy supply and use patterns.

#	Strategy Title	# of Votes
T-4	Promote Compact and Transit-Oriented Development	1
T-10	Actions to Accelerate and Integrate Plug-In Hybrid Electric Vehicle Use	1
ES-6	Transmission system capacity, access, efficiency, and Smart Grid	1
<i>ES-2</i>	<i>Distributed renewable energy incentives and/or barrier removal</i>	
<i>ES-7</i>	<i>Combined Heat and Power (CHP) and Thermal Energy Recovery and Use</i>	
<i>RCI-3</i>	<i>Promotion and Incentives for Improved Community Planning and Improved Design and Construction (Third-party Sustainability, Green, and Energy Efficiency Building Certification Programs) in the Private and Non-State Public Sectors</i>	

Questions for the Final Interim Report

- Does the CAT want to include in the draft report any description of their rationale in selecting the ‘headline’ challenges and the ‘most promising’ strategies?
- Is the CAT OK if the titles of the strategies are changed to better describe the option?
- Presentation of results in final report-all 47 options listed, most promising highlighted, vote tallies not included

Public Comment

**For more information
and to submit written comments:
[www.ecy.wa.gov/climate change](http://www.ecy.wa.gov/climatechange)**

Draft Directional Recommendations for a Comprehensive Climate Approach

- Review, amend, refine and affirm directional draft recommendations for a Comprehensive Climate Approach for Washington
 - Recommendations have been drafted based on CAT dialogue at the September and November CAT meetings
 - Robust directional statements about the approach necessary for Washington State to pursue in order to fully and effectively address climate change.

Key Introductory Context

- Climate change is a critical issue that must be addressed as soon as possible and over the long haul
- A new way of thinking and acting is emerging
- The purpose of the Climate Advisory Team and this interim report is to build on what Washington has already done in a comprehensive and integrated fashion in order to provide direction on how best to address Washington's three goals
- "Do what is possible, change what is possible to do."

Brief Description of Washington's Emissions Inventory and Natural Systems

- Brief description of global warming
- Washington's 'Carbon Footprint' and implications for the emission reduction challenge Washington faces
- 'Business as usual' and implications
- Emissions projections for Washington, and the relationship to the goals
- Actions taken to mitigate and adapt to climate change are dependent on the ongoing function and resiliency of natural systems, and natural systems will be significantly disrupted by climate change

Overview - Comprehensive Climate Approach for Washington

- Ecosystem approach - all the key pieces are engaged simultaneously and interact and reinforce/contradict each other
- The 'ecosystem' of a comprehensive approach to climate change consists of the following:
 - Emission reductions from a diverse set of actions/decisions
 - Power and fuel substitution
 - Adaptation to inevitable impacts; restoration of natural systems
 - Investment and technological innovation
 - Job transition and creation, and
 - Education of the workforce and the citizenry on the opportunities and choices this transition represents.
- CAT recommendations for a comprehensive approach are to ensure all these pieces are engaged simultaneously, and positively interacting with and reinforcing each other

- 1. Build Market-based Mechanisms to Unleash Investment in the Creativity and Innovation of Washington's Economy to Deliver Cost-Effective Emission Reductions.**

2. Establish Emissions Reporting so that Progress in Emission Reductions Can be Tracked and Acknowledged.

3. In Reviewing and Approving Significant Development Projects, Consider Greenhouse Gas Emissions and Mitigation Options Early in the Planning Process.

4. Invest in Worker Training for The Emerging Clean Economy to Ensure Having the Skilled Workforce and to Provide Meaningful Employment Opportunities Throughout the State.

- Are there key existing efforts or models to highlight for this?

5. Give the State Sufficient Resources To Stay A Leader Regionally and Nationally and to Fulfill Its Responsibilities for Structuring Implementation of Emission Reduction Strategies.

Potential Additional Draft Recommendation

6. Accelerate the transition to the Clean Economy by raising self-sustaining investment revenue to stimulate the next generation of progress

- Determine how to support the economic transition based in part on the revenue that it will generate and leveraging that investment strategically
- Develop a self-sustaining market-based system to fund renewable energy projects, energy efficiency improvements, energy conservation programs, and clean product development
 - This will accelerate the successful transition to the Clean Energy economy and enable Washington to reach its goals that much more quickly and efficiently
- Such a system could both send price signals and raise revenue that could be reinvested
 - Several models to consider (e.g. clean technology investment funds, revenues generated by a Cap and Trade market mechanism, tax credits)

Importance of Sector-Specific Strategies

- Sector-specific strategies can drive the specific transformations needed
 - Most parts of Washington's economy can be made more efficient, can produce or utilize alternative fuels, and/or be performed in ways that do not emit nearly as much, if any, GHGs
 - Identifying these efficiencies and substitutes and making them cost-competitive is critical
- Through its TWGs, the CAT has begun the analysis of potential strategies and opportunities for specific sectors of the economy
 - The CAT believes the 47 strategies highlight the path forward regarding the specific transformations needed in the economy and society in order to meet Washington's goals
 - That path includes taking on and accomplishing the following 'headline' challenges

Sector-Specific Strategies that reduce Washington's carbon footprint in meaningful ways

[Placeholder language pending CAT discussion 12/4-12/5]

- Plan and build livable communities in which options such as walking, biking and public transit are affordable, efficient and reliable alternatives to the single occupancy vehicle for many of the trips people now make in their daily lives.
- Ensure Washington has vehicles that get better mileage and use non-carbon or lower carbon intensity fuels developed sustainably from Washington's crops and forests
- Shift Washington's transportation investments from moving vehicles towards moving people and goods and make the most efficient use of our existing transportation infrastructure and capacity
- Design, build, upgrade and operate new and existing buildings and equipment to maximize energy efficiency
- Meet power supply requirements through the efficient use of fuels and from non-carbon or lower carbon intensity fuel sources
- Restore and retain the health and vitality of Washington's farms and forest lands to increase the sequestering and storage of carbon, to reduce the release of greenhouse gas emissions and to support the provision of biomass fuels.
- Reduce waste and Washington's global warming pollution through improved product choices and committed environmental stewardship
- *Proposed:* Build villages that have smart, integrated and networked energy supply and use patterns.

Meeting the Challenges Achieves the Goals

- When the 'headline' challenges are successfully met, Washington's commitment to reducing emissions will be realized
 - These strategies (if ALL were fully implemented in the timeframes estimated by the TWGs), combined with the actions already taken by Washington State (again, if fully implemented in a timely manner), **are sufficient to enable WA to meet all three emissions reductions goals by 2020 and contribute to the longer-term emission reductions goals**
- The integrated output of the collective sectors (overall emissions savings, cost impacts, fuel expenditure savings and the jobs goal) will be included for the complete set of strategies.
 - An integrated cost analysis reflecting all quantified option is nearly complete, will include cost estimates for the recent actions, and will be reported by early January

'Most Promising' Strategies To-Date

- Bottom-line - how many of these strategies will actually be implemented in time to have the impact in emissions reduction that the TWG estimated they might have by 2020
 - For each challenge, the CAT has identified those strategies that appear at this time to be the 'most promising' in moving Washington down the path to success
- The CAT believes that these strategies represent its best thinking at this time as to what Washington should do, even though:
 - Actual design and implementation issues associated with these strategies still need, in many cases, further work
 - The actual decision to implement many of them will take significant leadership, courage and foresight
 - Implementation will have, in some cases, significant intermediate costs

Markets and Sectors Work Together

- Both sector-specific strategies and broad market-based emission reduction requirements will be needed to achieve Washington's goals
- Individual strategies complement market-reliant mechanisms
 - Focus societal attention on the need to reduce emissions
 - Establish binding targets for actually reducing emissions over time
- Neither individually covers the full range of actions needed to transform Washington's economy sufficiently
- Working together, sector-specific strategies and broad market-based approaches:
 - Increase our options
 - Enable all sectors to contribute to success, and
 - Over time, create a broader array of cost-effective choices for all facets of society to select from to meet their share of the needed GHG reductions

What Has Not Been Identified or Analyzed

- The CAT realizes it has not identified nor analyzed
 - All of the possible strategies through which each of the major sectors of the economy could change in order to reduce emissions
 - The overall interaction within the economy of attempting to reduce carbon emissions in this comprehensive way
 - The costs of delay, or inaction, of implementing these strategies
 - Co-benefits
- This reinforces the need for constant attention and learning and adjustment as Washington moves forward aggressively to reduce its carbon footprint.
 - Thoughtful and strategic decision-making can maximize our chances for success, provided that continued analysis does not become a substitute for significant and meaningful action

Through Sustained Action, Starting Now, With Continued Learning and A Flexible Approach, Washington Can Meet the Climate Change Challenge

Three Fundamental Commitments Guide and Sustain these Efforts:

- Play to 'historic economic strong suits, comparative advantages, and natural landscapes'
- Leverage 'going quickly with going smartly'
- Have an adaptive management attitude and a long term commitment

Next Steps

- The CAT views this report in fulfillment of the Governor's EO as an interim report
- There is a need for ongoing work
 - Refine the most promising strategies for implementation
 - Develop an overall blueprint for the coming years to
 - Further identify critical next steps
 - Understand the interactions among strategies and recommendations
 - Consider the sequencing of the most promising strategies, and
 - Identify costs and benefits in a more rigorous manner
 - Provide a sounding board for ongoing work by the State with WCI
 - Continue to assess how adaptation to the inevitable impacts of global warming should proceed and how mitigation and adaptation can best be linked together when appropriate and synergistic
- The CAT sees this interim report as the foundation for this blueprint for implementation, and key to helping guide the State as it moves forward in developing a comprehensive approach

Day 1 Recap and Looking Ahead to Day 2

- CAT Recommendations for Early Actions
- PAWG Recommendations
- Education Recommendations
- CAT Next Steps
- Public Comment and Final Report

Day 2 Agenda

December 5, 8:00 a.m. – 1:45 p.m.

- **Welcome and Day 1 Recap**
- **Fulfilling the Washington Climate Change Challenge**
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2008 Early Actions

- Emissions Reporting bill for Legislative Action
- Clarify SEPA application to climate change through rule-making
- Potential Early Action Recommendations from the Climate Advisory Team for Legislative Action
 - Are there any climate strategies that the CAT would like to consider for early action recommendation by the Legislature in the 2008 session?

Draft PAWG Recommendations

- PAWGs are finalizing their draft recommendations
 - Final draft PAWG recommendations will be presented for public review and comment with the CAT recommendations in mid-December
 - PAWG recommendations will be included in the final Executive Order report
- Emerging common PAWG themes
 - Early actions are needed while we improve scientific knowledge
 - Monitoring and adaptive management is required
 - Biological functions and processes are the center of attention
 - Regional collaboration will allow for a more efficient response
 - The public will need dedicated education and outreach efforts
 - Secure adequate funding
- PAWG strategies fall broadly into five areas
 - 1) Emergency preparedness and response
 - 2) Planning
 - 3) Monitoring and surveillance.
 - 4) Education and outreach
 - 5) Increasing the capacity of institutions to be flexible

Timeline and Milestones for 2008 Future Work

January 08:

CAT interim final report completed

February, 08

Rulemaking initiated to clarify how SEPA applies to climate change

April, 08

CAT gets back to work developing and scoping final recommendations

August, 2008

WCI partners release design recommendations for a regional cap-and-trade program

August – December, 08

Work with CAT and other stakeholders including legislators on WCI cap and trade development

Continue development of final CAT recommendations

December 2008

CAT submits final recommendations on the climate change legislative package, including policy bills and budget provisions

WCI cap and trade implementation plan delivered to Governor and Legislature

Timeline for Public Comment and Final Interim Report

Between December 4-5 and January 25

- Draft CAT and PAWG recommendations released for public comment when available (no later than December 21) for 3 week public review
- Continue drafting final report with CAT input and comment- first draft sent to CAT members for written review; final report sent out to CAT prior to the January 25th meeting.
- Public comments summarized for CAT consideration.

January 25: CAT Meeting #8 (Olympia)

- Review and approve interim final report

Public Comment

**For more information
and to submit written comments:
[www.ecy.wa.gov/climate change](http://www.ecy.wa.gov/climatechange)**