

Agenda Item #5

COG Climate, Energy and Environment Policy Committee
2009-2012 Regional Climate Action Work
Plan

Stuart A. Freudberg
Director, Dept. of Environmental Programs
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Agenda Item 5

- a. Replicable Program Matrix
- b. Overview of Draft 2009-2012 Work Plan
- c. Discussion

Replicable Programs

- Replicable Programs:
 - Programs with climate/energy benefits that should be considered by other jurisdictions or could be expanded to the regional scale.
- Survey:
 - 3 initiatives your jurisdiction/organization has undertaken or plan to consider
 - Description enabling replication
 - Point of contact

Submissions Received

- COG Members – 12
 - States – 8
 - Stakeholders – 7
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- Most submissions had 3 programs.

Programs Included into Work Plan

- Energy planning/community energy planning
- Energy management
- Energy audits
- Green building policy
- Energy retrofits
- Energy efficient street lighting
- Energy Efficiency programs for citizens
- Alternative Fueled Vehicle Purchases
- Green power purchase
- Renewable energy generation
- Bicycle program
- Transit buses
- Tree canopy protection plans
- Transit oriented development zoning
- Home energy loan program
- Business rewards program

COG Climate Change Report November 2008 Recommendations

- I. Regional Greenhouse Gas Reduction Goals - 3
- II. Energy - 22
- III. Transportation and Land Use - 21
- IV. Economic Development - 5
- V. Adaptation - 6
- VI. Financing Mechanisms - 6
- VII. Regional Outreach and Education - 3
- VIII. COG Climate Program – 9

*Plus – Local Government Leading By Example,
Advocacy*



2009-2012 Regional Climate Action Work Plan

- VOLUNTARY
- Adapted from COG Climate Report (Table ES-1)
- Modified to include Performance Measures and Schedule.
- “Potential Partners” now “Responsible Parties”
- “Emission Impact” listed as YES but not yet quantified
- “Cost” and “Co-benefits” omitted for now.
- Tracking Progress each spring.

Table ES-1

Table ES-1. Recommendations: Summary and Qualitative Assessment

Recommendations	Emission Impact	Implementation Timing	Cost	Economic Co-Benefits	Potential Partners
I. Regional Greenhouse Gas Reduction Goals					
1. 2012: Reduce 10 percent below BAU	Medium	Immediate	Low	Medium-High	COG members; fleet, energy, and building managers; general public; boards of trade; procurement officers; water and wastewater utilities, electric utilities, PUCs; state legislatures; federal government; private sector; others
2. 2020: Reduce 20 percent below 2005	High	Mid-range-Long-term	Low-Medium	Medium-High	COG members; fleet, energy, and building managers; general public; boards of trade; procurement officers; water and wastewater utilities, electric utilities, PUCs; state legislatures; federal government; private sector; others
3. 2050: Reduce 80 percent below 2005	High	Mid-range-Long-term	Medium-High	Medium-High	COG members; fleet, energy, and building managers; general public; boards of trade; procurement officers; water and wastewater utilities, electric utilities, PUCs; state legislatures; federal government; private sector; others
II. Energy					
Local/Regional Strategies for Government and Business					
<i>A. Improve Energy Efficiency in Buildings</i>					
1. Implement a COG Green Building Policy.	High	Immediate-Mid-range	Varies	Medium-High	COG members, IGBG, facilities managers, GSA, USGBC, private sector
2. Set energy performance goals for new and existing gov't. buildings.	High	Immediate-Mid-range	Varies	Medium-High	COG members, IGBG, facilities managers
3. Identify best practices to reduce local gov't. energy use by 15 percent by 2012.	Medium-High	Immediate-Mid-range	Low-Medium	High	COG members, COG Energy Advisory Committee, state energy offices, utilities, universities, businesses, general public, ACEEE
4. Develop incentives for retrofitting existing commercial and residential buildings.	High	Immediate-Mid-range	Varies	Medium-High	COG members, IGBG, facilities managers, GSA, USGBC
5. Develop affordable energy efficiency programs for homeowners and businesses.	Medium-High	Immediate-Mid-range	Low-Medium	High	COG members, utilities, state energy offices
6. Promote use of energy-efficient appliances.	Medium-High	Immediate-Mid-range	Medium-High	Low-Medium	COG, Clean Air Partners, Commuter Connections, Wise Water, COG Recycling Committee, IGBG
7. Revise state and/or local building codes to promote energy efficiency.	Medium-High	Immediate-Mid-range	Low-Medium	High	COG members, COG Energy Advisory Committee, state energy offices, utilities, universities, businesses, general public, ACEEE
8. Develop green affordable housing policies/programs.	Medium-High	Immediate-Mid-range	Varies	Medium-High	COG members, IGBG, facilities managers, housing directors, MDPC, planning directors, GSA, USGBC
9. Identify best practices for improving efficiency for public and private buildings.	High	Immediate-Mid-range	Varies	Medium-High	COG members, IGBG, facilities managers, GSA, USGBC
<i>B. Reduce Demand for Energy</i>					

Draft Work Plan

2009-2012 Regional Climate Action Workplan		Target Date for Completion												Emission Impact		
Recommendations	Performance Measures	Responsible Parties	2009	2010				2011				2012				
			4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd		3rd	4th
I. Regional Greenhouse Gas Reduction Goals/Plans																
	1. 2012: Reduce 10% below 2012 Business-as-Usual															
	<i>a) Reduce emissions of greenhouse gases in the region by 10% below projected business-as-usual levels by 2012 (i.e., return to 2005 levels).</i>	Local Governments, COG, Community (Business and Individuals)													X	Yes
	<i>b) COG prepares progress report with annual updates on meeting the 2012 goal.</i>	COG			X				X				X			
	<i>c) 100% of jurisdictions prepare government and community wide greenhouse gas inventories.</i>	Local Governments							X							
	<i>d) 100% of jurisdictions prepare plan to reduce greenhouse gas emissions from government operations, including adopting a reduction target.</i>	Local Governments											X			Yes
	<i>e) 50% of jurisdictions prepare community-wide plans to reduce greenhouse gas emissions.</i>	Local Governments											X			Yes
	2. 2020: Reduce 20% below 2005															
	3. 2050: Reduce 80% below 2005															
II. Energy																
Local/Regional Strategies for Government and Business																
A. Improve Energy Efficiency in Buildings																
	1. Implement COG Green Building Policy															
	<i>a) 100% of jurisdictions adopt and implement COG Green Building Policy requiring all new public-sector buildings to achieve LEED Silver levels and all private-sector commercial buildings to meet a regional LEED-certified plus standard or equivalent.</i>	Local Governments, IGBG, USGBC						X								Yes
	<i>b) Intergovernmental Green Building Group (IGBG) proposes COG Green Building Policy Recommendations for schools and residential buildings.</i>	IGBG			X											
	2. Set energy performance goals for govt buildings, new and existing															
	<i>a) 80% of jurisdictions benchmark energy performance in all government buildings.</i>	Local Governments											X			
	3. Identify best practices to reduce local govt energy use by 15% by 2012															
	<i>a) 100% of jurisdictions reduce energy use by 10% below business-as-usual by 2012.</i>	Local Governments													X	Yes
	<i>b) 100% of jurisdictions submit data to COG regarding energy efficiency program implementation.</i>	Local Governments, COG		X				X				X				
	4. Develop incentives for retrofitting existing buildings, commercial and residential															
	<i>a) 60% of jurisdictions have programs in place to support home energy retrofits, such as financing incentives, grants, or technical assistance.</i>	Local Governments, State Energy Offices, Weatherization Programs, Maryland Clean Energy Center, COG											X			Yes

Suggested Discussion Topics

1. Appropriateness of Performance Measures
2. Appropriateness of Target Dates
3. Completeness of Responsible Parties
4. What's NOT included from 2008 COG Plan
5. Timing of Amendments

Next Steps

- Staff/ad hoc committee prepare revised Work Plan for consideration at November 18th meeting.
- Identify initiatives that require additional staff resources and seek grant funds or in-kind support.
- Identify initiatives that require additional local government or business or community resources and seek funding.