

CLIMATE ACTION PROGRESS REPORT CONCEPTS

CEEPC Meeting

September 2010



WHY HAVE AN ANNUAL PROGRESS REPORT?

National Capital Region Climate Change Report Adopted
November 12, 2008 states that COG will

- *“Prepare an annual progress report to the COG Board of Directors on implementation progress for COG’s Climate Change Initiative.”*

2010-2012 Regional Climate and Energy Action Workplan
Adopted by CEEPC January 27, 2010 states that in 2010:

- *“Develop system for tracking progress toward greenhouse gas reduction goals and periodically review targets.”*
- *“Prepare annual progress report on meeting the 2012 goal and associated work plan targets.”*



NEED CEEPC FEEDBACK TODAY

Today's presentation includes:

- Draft progress report outline
- Sample regional reporting
- Sample jurisdictional reporting

How do we compare jurisdictions' progress?

- What are your preferences from the examples presented?
- Any additional concepts that we may want to consider?



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CLIMATE ACTION PROGRESS REPORT OUTLINE

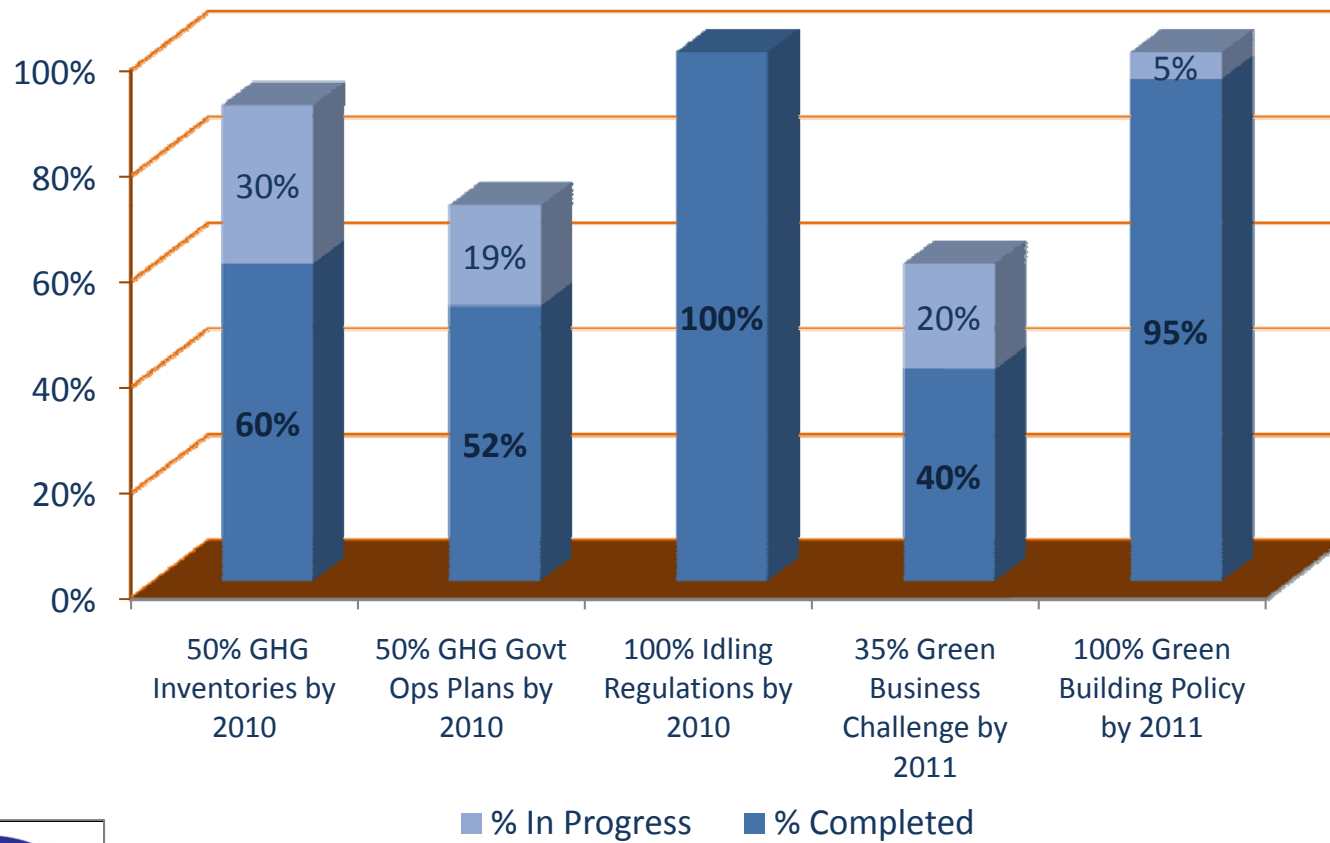
- I. Message from Chairman and committee member list**
- II. About us / background**
- III. Key accomplishments**
- IV. Sections by topic: brief summary, visuals and case studies**
 - I. Local inventories and plans, energy efficiency, renewable and cleaner energy, transportation, education
 - II. Data can be categorized and visualized by state, population, location and/or jurisdiction
- V. Financials**
- VI. Select project highlights: map and pictures**
- VII. Detailed summary chart of progress towards goals**



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REGIONAL REPORTING

2010 Key Accomplishments



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REGIONAL REPORTING

2010 Regional Climate Action Goals	Status
Regional Plan to Meet 2012 Goal	
Prepare plan to reduce greenhouse gas emissions in the region to 2005 levels by 2012.	●
Identify work program priorities for the calendar year.	●
Inventories	
Provide technical support to individual local governments for developing greenhouse gas emission inventories (including fact sheets, calculators, and workshops focused on activity data, emission factors, and protocols/methodologies).	◐
50% of jurisdictions prepare government and community wide greenhouse gas inventories.	●
Local Climate and Energy Plans	
50% of jurisdictions prepare plan to reduce greenhouse gas emissions from government operations, including adopting a reduction target.	●
Adopt plans to reduce emissions from the aviation sector, including adopting a reduction target.	○
Evaluate cost effectiveness of key actions to meet the 2012 goal.	●
Tracking and Reporting	
Develop system for tracking progress toward greenhouse gas reduction goals and periodically review targets.	●
Provide progress reports for use by COG in developing annual regional progress report on work plan implementation.	●
Prepare annual progress report on meeting the 2012 goal and associated work plan targets.	●
Evaluate and propose approach to implementing LEED-ND.	◐
Financing and Supporting Energy Efficiency Investments	
Standardize training and certification of energy auditors and home and building energy retrofit and conservation contractors, facilitating reciprocity across the region.	○
Prepare a matrix of financing options and recommendations for innovative financing programs for energy efficiency for single and/or multifamily homes.	●
Evaluate potential for the Greater Washington Board of Trade "Carbon Cut" program to serve as regional carbon offset program and support funding of energy efficiency investments, renewable	○
Prepare report on opportunities to remove barriers to enable utilities to invest in energy conservation.	◐
One jurisdiction establishes home energy loan program or other innovative municipal financing program for building retrofits.	●
Building Retrofits	
10,000 residential units retrofitted annually to achieve a 5-10 percent energy saving.	●

● Implemented

◐ In Progress

○ Not Started

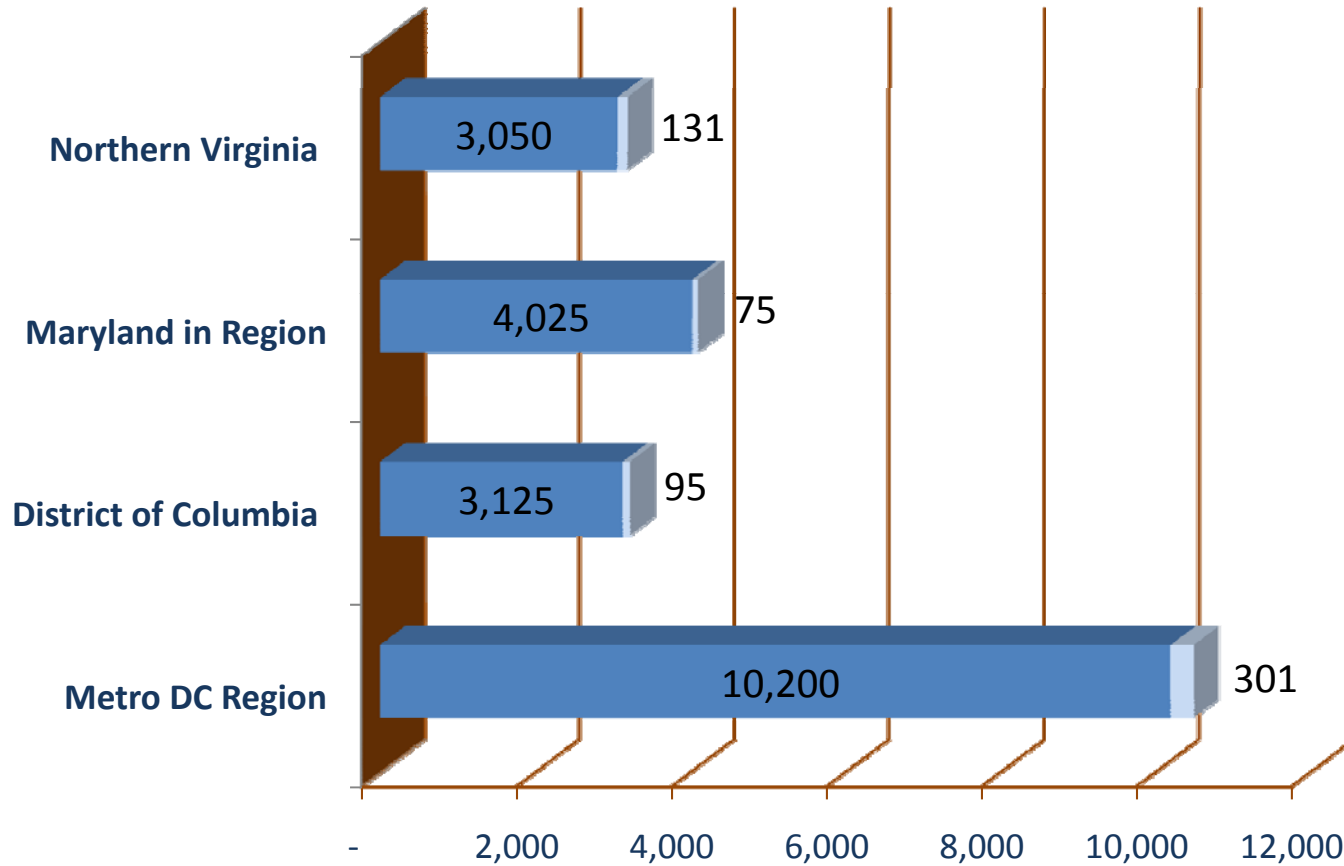
Universal symbols for:

- Percentage goals
- Programmatic goals
- Numerical goals



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REGIONAL REPORTING

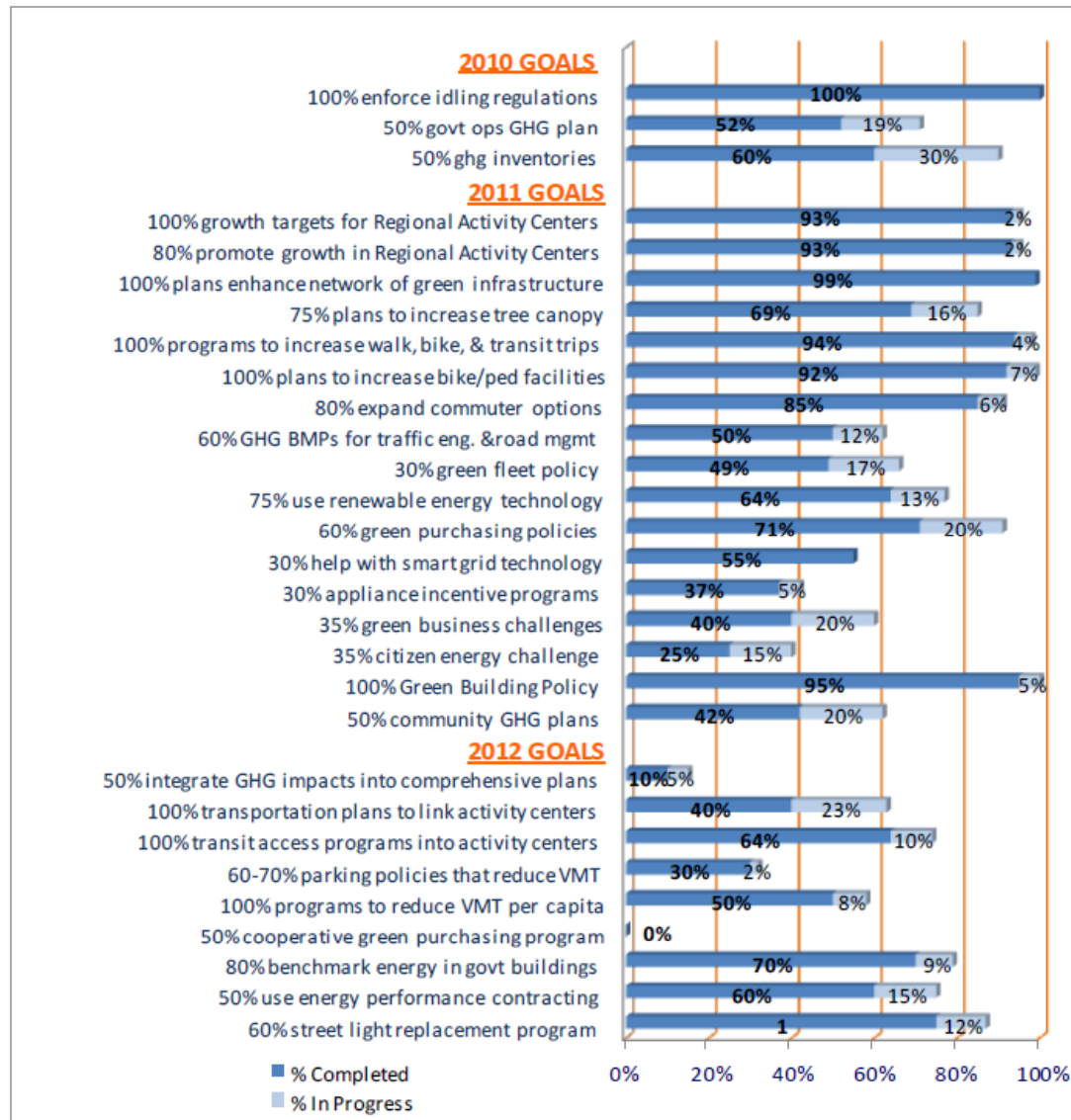


- Residential Building Retrofits
- Commercial Building Retrofits

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REGIONAL REPORTING

LOCAL GOVERNMENT PROGRESS ON CLIMATE ACTION GOALS



JURISDICTIONAL REPORTING

COG Crime and Crime Control

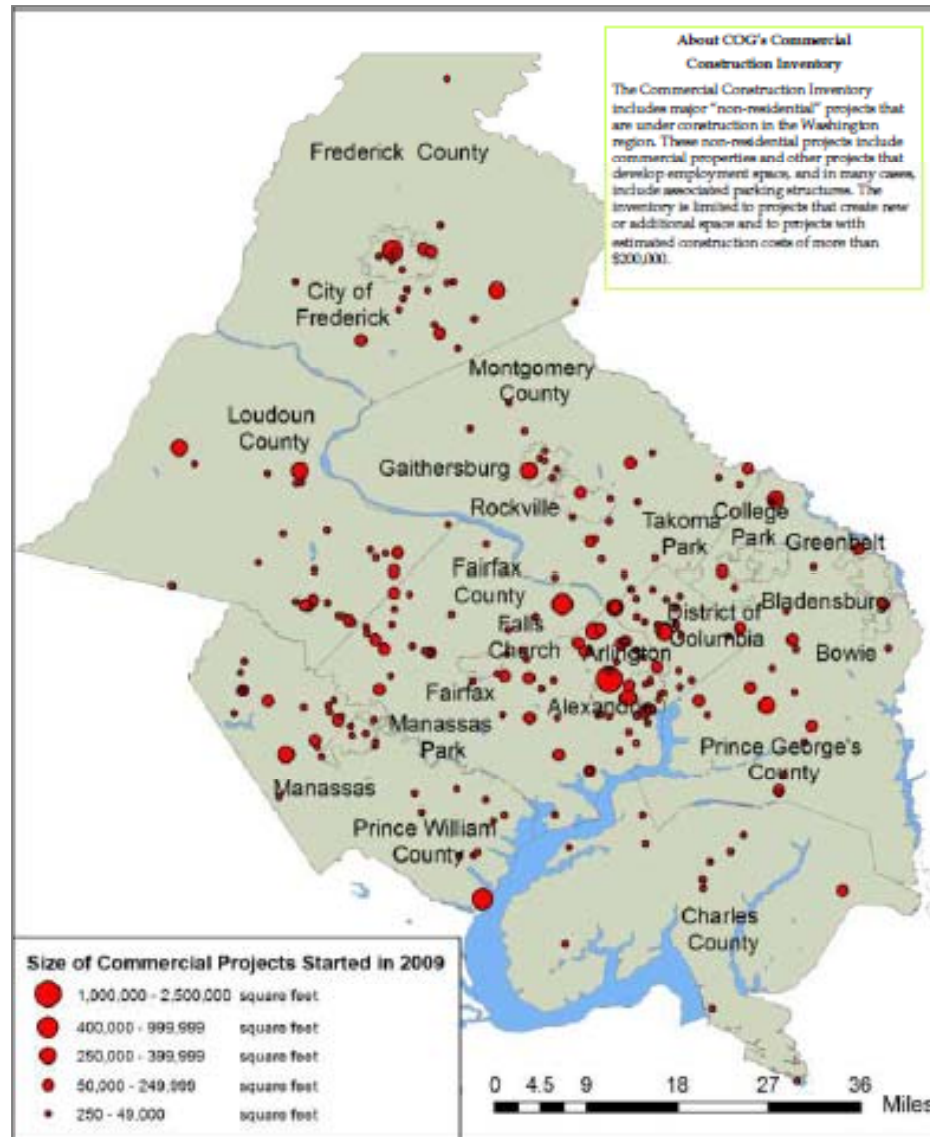
Arrests

COG Departments	Reporting Method	Homicide	Rape	Robbery	Agg Assault	Burglary	Larceny	M/V Theft	Total Arrests
Washington, D.C.	UCR	111	71	860	1,425	296	1,453	799	5,015
MARYLAND									
Bladensburg	UCR	1	0	12	7	25	18	5	68
Bowie	UCR	0	3	16	22	20	182	1	244
Frederick County	UCR	0	2	13	60	64	277	14	430
Frederick City	UCR	2	4	69	151	46	351	13	636
Greenbelt	UCR	0	6	16	30	16	152	18	238
Montgomery County	UCR	37	52	518	490	621	2,005	231	3,954
Gaithersburg*	UCR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Rockville*	UCR	1	2	21	40	39	93	15	211
Prince George's County	UCR	63	49	711	729	557	1,866	270	4,245
Takoma Park	UCR	0	5	8	18	14	16	4	65
VIRGINIA									
Alexandria	NIBRS	6	3	94	71	81	634	40	929
Arlington County	NIBRS	1	9	45	92	34	715	27	923
Fairfax City	NIBRS	0	1	14	15	6	92	2	130
Fairfax County	UCR	13	53	147	233	551	3,656	336	4,989
Falls Church	NIBRS	0	1	3	0	5	215	0	224
Loudoun County	NIBRS	5	14	34	114	133	619	70	989
Manassas	NIBRS	1	5	20	62	33	143	14	278
Manassas Park	NIBRS	0	1	6	5	4	28	4	48
Prince William County	UCR	12	37	117	175	191	1,467	54	2,053
SUBTOTAL		252	316	2,703	3,699	2,697	13,889	1,902	25,458



JURISDICTIONAL REPORTING

COG Commercial Construction Indicators



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JURISDICTIONAL REPORTING

Select Project Highlights

Loudoun County, Virginia incorporated solar energy in its new homeless shelter with funds from a Federal Community Development Block Grant and the American Recovery and Reinvestment Act of 2009.



Fredrick County Government implemented a Landfill Gas to Energy project at Reich's Ford Road Landfill has the potential to reduce greenhouse gas emissions by about 10,500 tons of CO2 per year.



City of Greenbelt set and met tree canopy goals in the Street-Tree Master Plan. The city's current tree canopy cover is 62%.



LEED Gold Manassas Park Elementary School features geothermal heating and cooling and is estimated to use half the energy of a standard building its size.



District of Columbia's Trinidad Recreation Center has a green roof that reduces heat island and is estimated to reduce 81,000 gallons of stormwater a year.

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JURISDICTIONAL REPORTING

Jurisdiction	2009 Population	GHG Inventories	GHG Govt Operation Plans	Idling Regulations	Green Business Challenge	Green Building Policy
District of Columbia	599,700	●	●	●	○	●
Maryland in Region						
Frederick County	234,400	●	◐	●	◐	●
City of Fredrick	62,200	●	●	●	◐	●
Montgomery County	971,600	◐	●	●	●	●
City of Gaithersburg	57,800	●	◐	●	●	●
City of Rockville	62,300	●	◐	●	●	●
City of Takoma Park	17,300	●	◐	●	●	●
Prince George's County	834,600	●	●	●	◐	●
City of Bowie	55,800	●	◐	●	◐	●
City of College Park	29,000	●	●	●	◐	●
City of Greenbelt	20,900	●	●	●	◐	●
Town of Bladensburg	7,700	●	●	○	◐	●
Northern Virginia						
Arlington County	209,300	●	●	●	○	●
Fairfax County	1,052,000	●	●	●	●	◐
City of Alexandria	150,000	●	●	○	●	●
City of Fairfax	24,700	●	●	●	●	●
City of Falls Church	24,700	●	◐	●	●	●
Loudoun County	283,300	●	●	●	●	◐
Prince William County	392,900	●	●	●	○	●
City of Manassas	35,900	●	◐	●	○	●
City of Manassas Park	14,000	◐	◐	●	○	●

- - Implemented
- ◐ - In Progress
- - Not Started



Discussion and Feedback

