

Agenda Item #4a

# Overview of COG Climate Report Recommendations

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# COG Climate Change Initiative

- Through R31-07, on COG's 50<sup>th</sup> anniversary, April 11, 2007, COG Board created Climate Change Steering Committee to:
  - Prepare regional inventory of greenhouse gases
  - Identify best practices and policies
  - Examine climate change impacts
  - Recommend regional greenhouse gas reduction goal(s)
  - Recommend committee structure for climate change initiative
  - Propose advocacy positions
  - Prepare recommendations report to COG Board



# COG Climate Change Report

## Adopted by COG Board 11/12/2008

### I. **Getting Smart on Climate Change**

*Climate Change, Potential Impacts on Region;  
Current & Projected Regional Greenhouse Gas  
Emission Inventory;  
Regional Greenhouse Gas Reduction Targets*

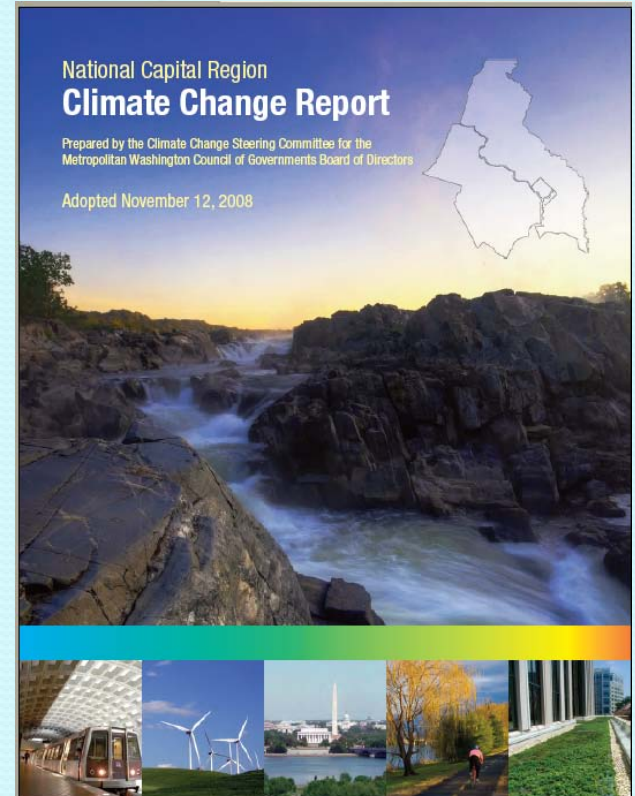
### II. **Taking Action**

*Energy Consumption;  
Transportation and Land Use;  
Economic Development; Preparing for Impacts,  
Financing; Outreach and Education.*

### III. **Moving Forward**

*COG Climate Change Program*

### IV. **Reference Information**



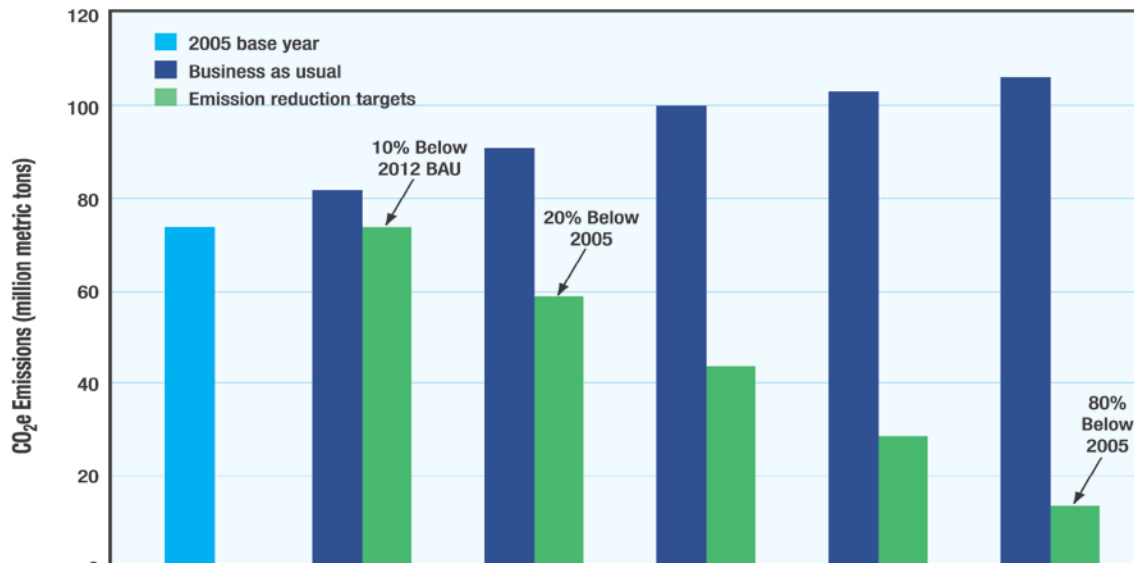
# Adopted Regional Reduction Goals

**2012: 10% Below Business as Usual**

**2020: 20% Below 2005**

**2050: 80% Below 2005**

**Recommended Regional Greenhouse Gas Emission Reduction Targets Compared to Regional Greenhouse Gas Emissions Under BAU: 2005–2050**



#### COG Targets

- 2012: 10% below BAU
- 2020: 20% below 2005 levels
- 2050: 80% below 2005 levels



# Selected Major Recommendations

## Regional Planning

- Prepare strategy to achieve 2012 regional emission reduction goal by end of 2009 (10% below business as usual)
- Prepare strategy to achieve 2020 regional emission reduction goal by end of 2010 (20% below 2005)

## Energy

- Implement COG green building policy
- Implement Best Practices to reduce local govt. energy use by 15% by 2015
- Local govts purchase 20% green power by 2015
- Explore energy audit and retrofit program.
- Promote energy efficient street lighting.
- Collaborate with utilities on regional energy conservation program.

## Transportation

- Adopt Regional Green Fleet Policy
- Support California Low Emission Vehicle Standards
- Develop regional planning process for reducing transportation greenhouse gas emissions

## Land Use

- Establish Transit-oriented development as the region's preferred growth strategy
- Prepare plan to meet goal of increased tree canopy in region.



# Additional Recommendations

## Adaptation

- Research best practices to prepare for effects of climate change.
- Partner with universities to research climate change and adaptation strategies.
- Develop a regional climate adaptation plan to assist localities with vulnerability assessments, adaptation planning, and emergency preparedness.

## Outreach and Education

- Implement regional public education campaign
- Develop partnerships with private sector and other organizations.

## Financing and Economic Development

- Develop Regional Carbon Offset Fund for preserving tree canopy
- Promote cooperative regional green purchasing.

