



# 2009 - 2012 Climate Action Work Plan

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# Process to Develop Work Plan

- ✓ Starting Point -- COG Climate Change Report Recommendations (Table ES-1)
- ✓ Added Performance Measures, Target Date for Completion, Responsible Parties
- ✓ Member Feedback on September 23
  - More Involvement Across the Region
  - Expedited Targets
- ✓ Ad-Hoc Workgroup Formed (met twice since September)
- ✓ Revised Matrix identifies recommended additions and deletions

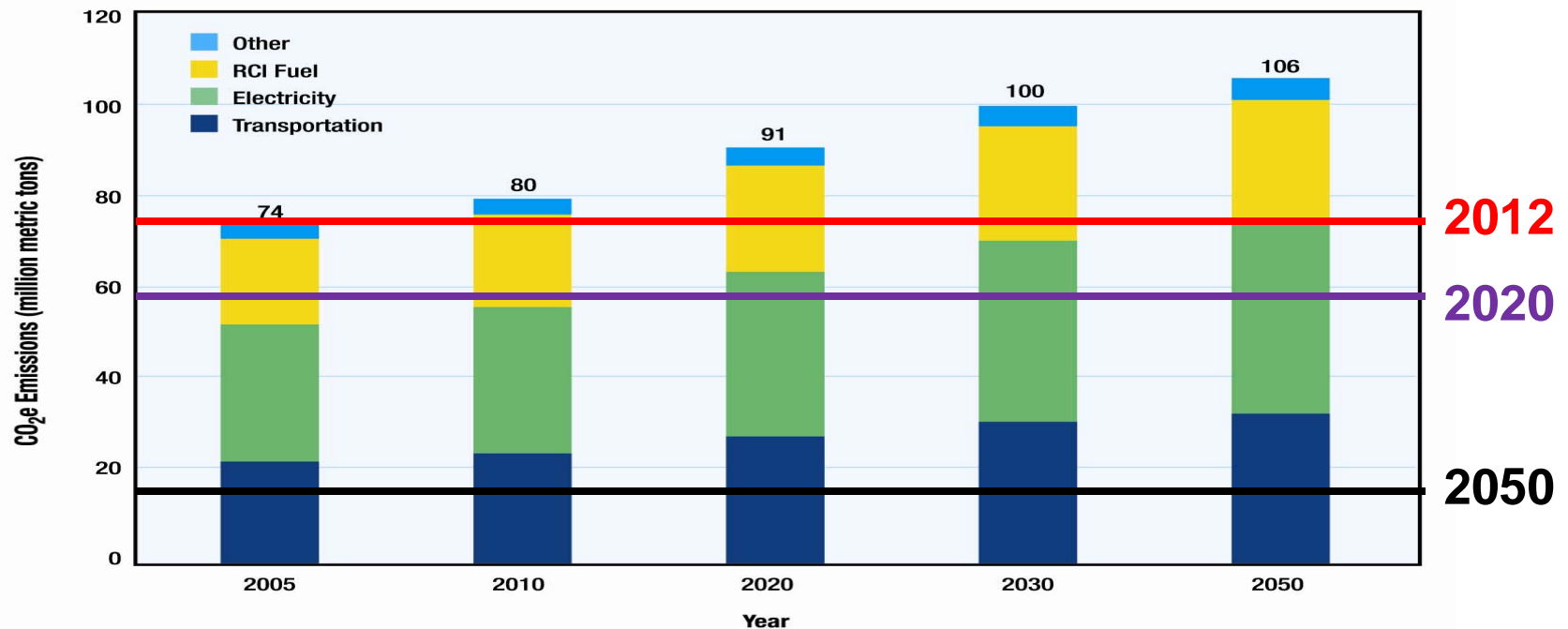


# Adopted Regional Greenhouse Gas Reduction Goals

**2012: Return to 2005 Levels**

**2020: 20% Below 2005**

**2050: 80% Below 2005**



# COG Climate Change Report Recommendations

**Regional Planning**

**Energy**

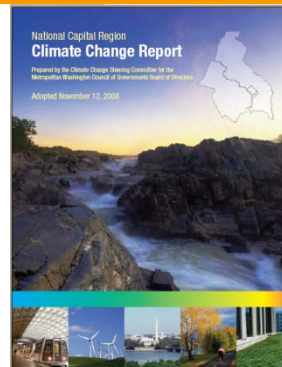
**Transportation**

**Land Use**

**Adaptation**

**Outreach and Education**

**Financing and Economic Development**



# COG 2012 Climate/Energy Action Plan Proposed Regional Actions

## Regional Planning

- 2012: Reduce Regional Emissions to 2005 Levels
- COG Prepares Annual Progress Report
- COG Prepares Plan for 2020 (Reduce Regional Emissions to 20% Below 2005 Levels)

## Energy

- COG Adopts Green Building Policy for Schools and Residential Buildings
- Regional Recycling (Diversion) Rate increases from 30% to 40%.
- Install 10,000 renewable energy systems on residential, commercial or government buildings.
- COG adopts recommendations on energy efficient building codes.
- 10,000 homes retrofitted/yr to achieve 5-10% energy savings; up to 1,000 save 30%.
- 250 commercial/govt. buildings retrofitted/yr to achieve 5-10% saving; up to 100 save 30%.

## Transportation

- COG/TPB Adopts Regional Green Fleet Policy
- COG/TPB Adopts Cost-Effective Measures to Reduce GHG emissions
- Evaluate options to promote increased use of existing transit capacity and commuter options.
- COG/MWAA prepares plan for reducing GHG emissions from aviation sector.



# COG 2012 Climate/Energy Action Plan Proposed Regional Actions...

## Land Use

- Transit-oriented development established as the region's preferred growth strategy
- COG evaluates applicability of LEED Standard for Neighborhood Development.
- COG develops tools to assist local governments use of GHG considerations in local planning.
- COG Prepares plan to meet goal of increased tree canopy in region.


## Adaptation

- COG hosts regional and sector-specific adaptation workshops.
- COG prepares a regional climate adaptation plan.

## Outreach and Education

- COG and partners conduct regional public awareness survey.
- COG and partners implement regional public education campaign.

## Financing and Economic Development

- COG evaluates regional financing options for home energy loan program.
  - COG/GWBOT evaluate regional clean energy fund.
  - Regional pilot of renewable energy park implemented.
-  Expand/promote local food and vendor options in region.

# COG 2012 Climate/Energy Action Plan Proposed Local Government Actions

- **By 2012, All COG-Member Local Governments:**
  - Prepare plan to reduce greenhouse gas emissions from government operations; adopt target.
  - Adopt COG green building policy.
  - Reduce government energy use by 10% below forecast 2012 levels.
  - Purchase or consume 10% renewable energy.
  - Wastewater treatment plants implement best practices to reduce/capture methane emissions.
  - Prepare plan for increased tree canopy.



# COG 2012 Climate/Energy Action Plan Additional Local Government Actions

- **By 2012, between 30% and 80% of COG-Member Local Governments Will:**
  - Adopt home energy loan program.
  - Have program to replace street lights.
  - Install renewable energy systems on government buildings.
  - Implement programs to reduce VMT/capita.
  - Implement COG green fleet policy.
  - Prepare plans to meet Greater Washington 2050 growth concentration targets.
  - Integrate greenhouse gas analyses into comprehensive planning.
  - Implement programs to promote clean energy industries.
  - Adopt green purchasing policies.
  - Adopt green business challenges.





# Work Plan Review

Yellow	Existing Measure
Orange	Proposed Deletion
Blue	Proposed Addition or Revision
Purple	Added based on staff/member recommendations after ad-hoc workgroup meeting.

- By category – questions or comments?