



Metropolitan Washington Council of Governments

22 JURISDICTIONS 5+ MILLION PEOPLE 300 ELECTED OFFICIALS

# *Multi-Sector Working Group Update*

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# BACKGROUND

Regional GHG  
Reduction Goals

Regional Compact  
on GHG Reduction  
Goals

Regional Boards  
Affirm GHG  
Reduction Goals

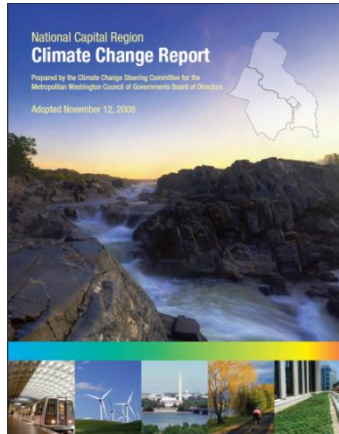
2008

2009

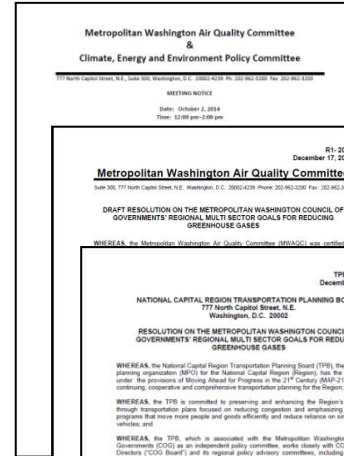
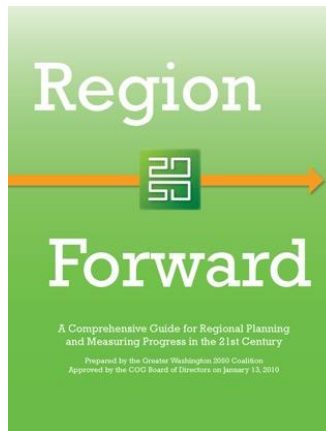
2010

2014

2015



**COG Board  
establishes  
Climate,  
Energy,  
Environment  
Policy  
Committee  
(CEEPC)**



**January 30:  
COG  
Launches  
Multi-Sector  
Working  
Group  
(MSWG)**



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# PURPOSE

- A. Identify viable strategies for Energy, Transportation, Land Use, and Built Environment sectors
  - for local, regional, state & national levels
- B. Analyze Strategies
  - Quantify benefits, costs, co-benefits, and estimate implementation timeframe
- C. Explore greenhouse gas emission reduction goals, measures and/or targets for the four sectors
- D. Jointly develop an action plan for the region



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## A. Identify set of viable strategies for local, regional, state & national levels

Illustrative strategy examples:

- Triple renewable energy production by 2020
- Increase proportion of electric vehicles in fleet to 15% by 2030
- Increase proportion of new housing in Activity Centers to 75% by 2040
- Increase transit mode share to 20% by 2050



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## B. Analyze Strategies:

Quantify benefits, costs, co-benefits, and estimate implementation timeframe

- Benefits
- Costs
- Co-benefits such as
  - air quality
  - environment
  - transportation
  - land use
  - others?
- Qualitative and Quantitative
- Implementation timeframe



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## C. Explore greenhouse gas emission reduction goals, measures and/or targets for the four sectors

- Review goals, measures, and/or targets in other regions
- Assess potential CO<sub>2</sub> reduction from viable strategies analyzed for this region
- Review funding needs and implementation timeframes for viable strategies identified for this region

## D. Jointly develop an action plan for the region



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## MULTISECTOR WORKING GROUP CONSTRUCT

Transportation  
Planning Board

COG Board of Directors  
Climate, Energy & Environment  
Policy Committee

Metropolitan  
Washington Air  
Quality Committee

### Multi-Sector Working Group

*Energy/Environment Subgroup* – Energy & Built Environment Sectors

*Planning Subgroup* – Land Use Sector

*Transportation Subgroup* – Transportation Sector

#### **COG/TPB Committee Input**

Region Forward Coalition

Planning Directors

TPB Technical Subcommittee

Built Environment Energy Advisory Committee

MWAQC – Technical Advisory Committee

#### **Additional Input from**

Subject Matter Experts

Air and Climate Public Advisory  
Committee

TPB Citizen's Advisory Committee

Public Input

COG Staff Support

Consultant Support

# OUTCOMES

1. *What We Can Do* report
2. Assessment of viable, multi-sector GHG reduction strategies
  - a) By sector: Energy, Transportation, Land Use, Built Environment
  - b) Cost-effectiveness analysis
  - c) Co-benefits analysis
    1. Environmental, Transportation, Land Use
    2. Quantitative & qualitative
  - d) Potential implementation timeframes
3. Report on exploration of GHG reduction targets, measures, and/or goals for the four sectors
4. Action plan



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