

# 2024 ACPAC ORIENTATION

---

Leah Boggs  
Senior Environmental Planner

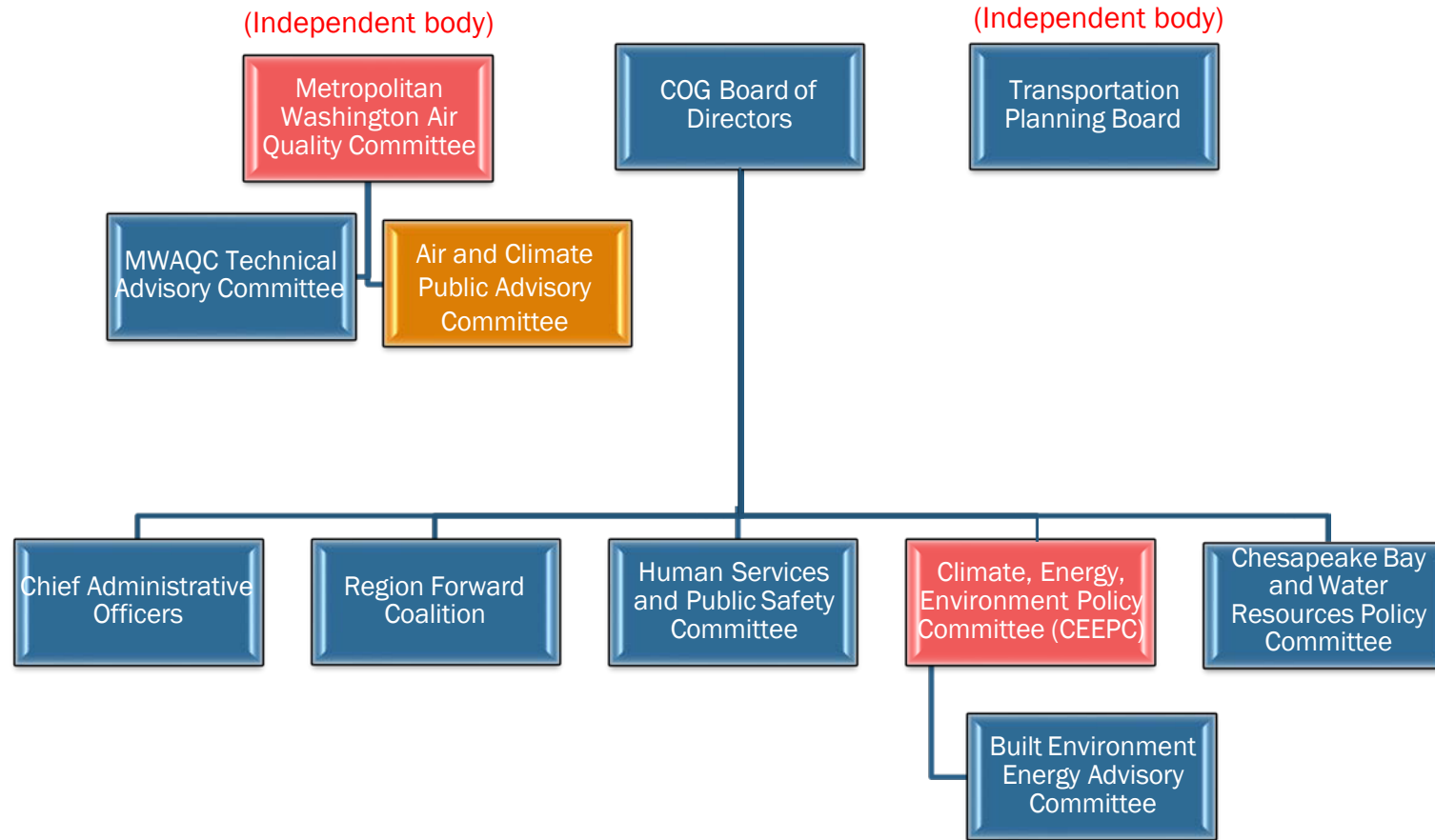
Air and Climate Public Advisory Committee (ACPAC)  
March 18, 2024

# MWCOG

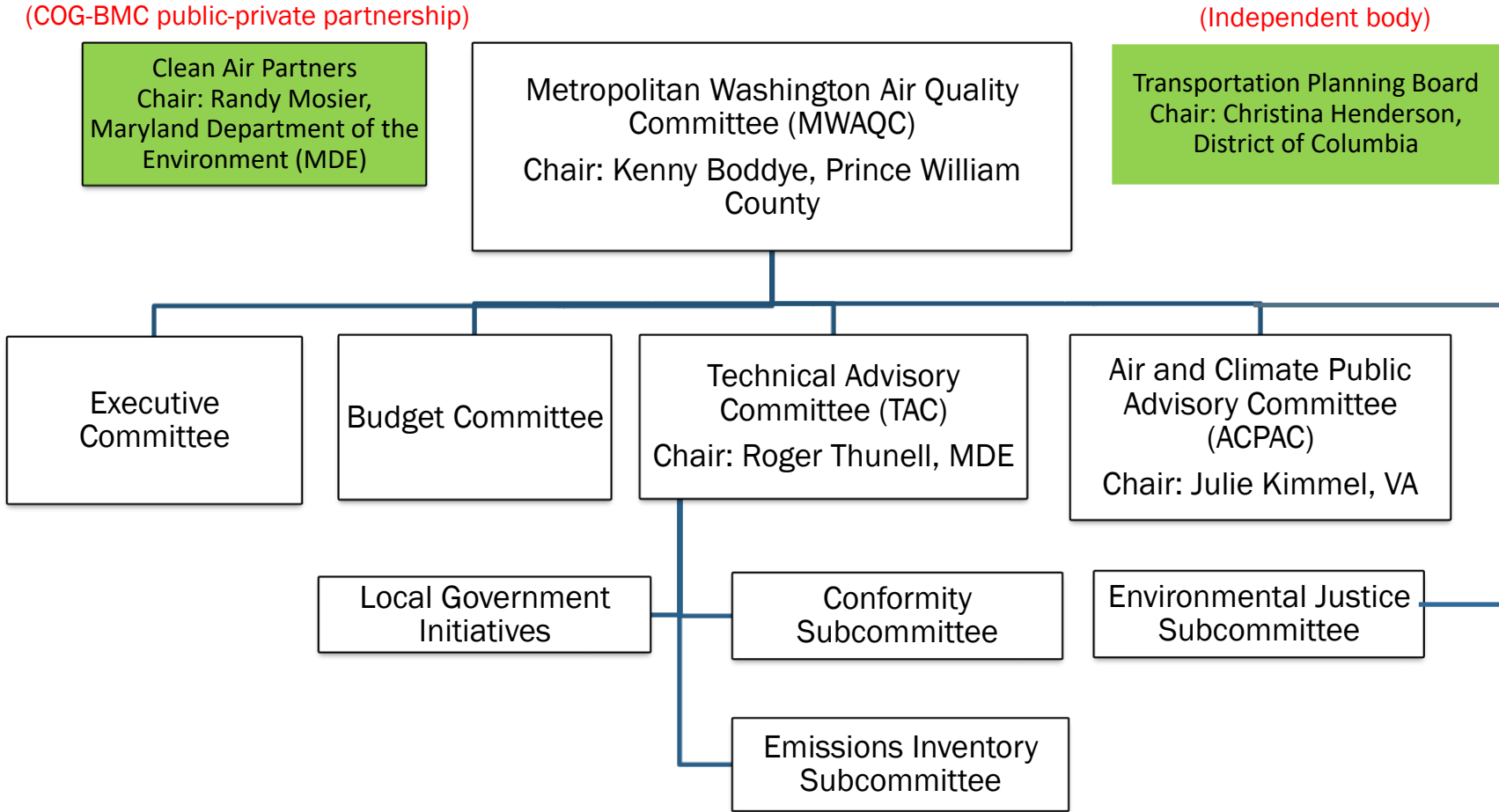
- The Metropolitan Washington Council of Governments (COG) is an independent, nonprofit association
- Brings area leaders together to address major regional issues in the District of Columbia, suburban Maryland and Northern Virginia
- Membership is comprised of 300 elected officials from 24 local governments, the Maryland and Virginia state legislatures, and U.S. Congress



# COG Committee Structure



# MWAQC Organizational Structure



# Clean Air Partners



TODAY'S AIR QUALITY [BECOME A SPONSOR](#)

[ABOUT](#) [GET INVOLVED](#) [AIR QUALITY RESOURCES](#) [MEDIA CENTER](#)



## About Clean Air Partners

Clean Air Partners is a public-private partnership educating the greater metropolitan Baltimore-Washington region about the health risks of poor air quality. For more than 20 years, we have empowered individuals and organizations to take simple actions to reduce pollution and protect public health.

# MWAQC Authority and Mission

---

## Authority

- Derived from the certifications made by the Governors of Maryland and Virginia and the Mayor of the District of Columbia pursuant to Title I, "Provisions for Attainment and Maintenance of National Ambient Air Quality Standards," of the Clean Air Act Amendments of 1990.

## Mission

- Development of regional carbon monoxide (CO), ozone, and fine particulate (PM2.5) National Ambient Air Quality Standards (NAAQS) plans for meeting the federal health standards for the criteria pollutants for which the Washington, DC-MD-VA region has been designated as being in nonattainment.
  - The air quality plans developed by MWAQC are provided to the states for incorporation in the State Implementation Plan (SIP) for submittal to the U.S. Environmental Protection Agency (EPA).

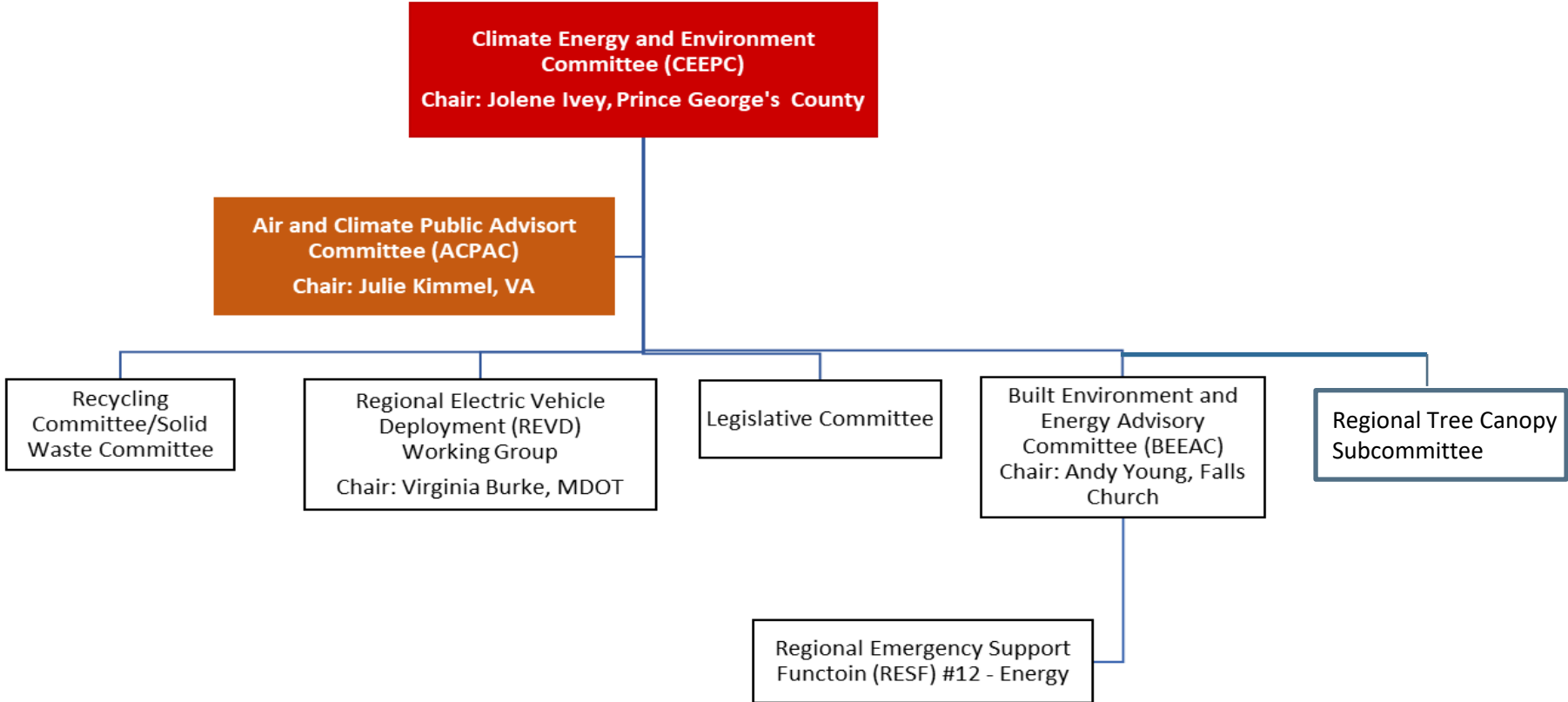
# Role of MWAQC

---

To meet Clean Air Act requirements:

- Demonstrate an appropriate progress in reducing criteria air pollutants (Ozone, Fine Particles, Carbon Monoxide, Sulfur Dioxide, Nitrogen Dioxide, Lead)
- Demonstrate attainment of federal national ambient air quality standards (NAAQS) for criteria pollutants
- Prepare region-wide State Implementation Plan (SIP): a plan to reach attainment of criteria pollutants
- Conduct inventories and emissions budgets
- Prepare maintenance plans
- Perform other functions such as identifying innovative initiatives to improve air quality, upon member request

# CEEPC Organizational Structure





# CEEPC Oversight and Mission

---

## Oversight

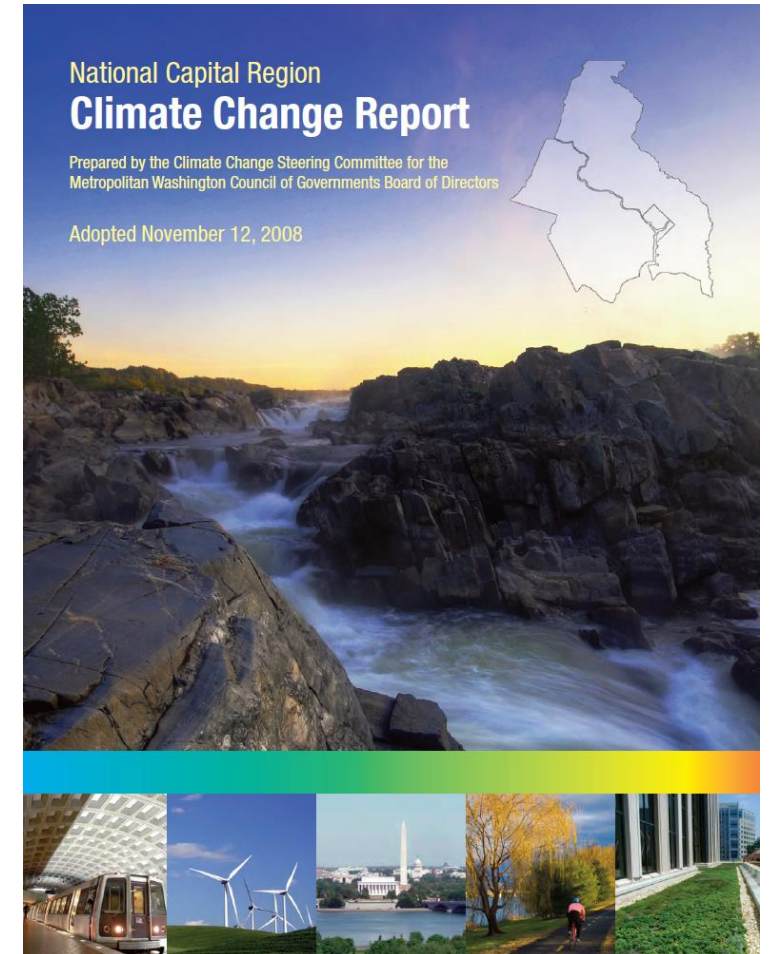
- Created by the COG Board April 2009 through [Resolution R18-09](#) as its principal policy adviser on climate change, energy, green building, alternate fuels, solid waste and recycling policy issues, and other environmental issues as the board may assign.

## Mission

- Guide implementation of COG's Climate Change Report, advise the Board on climate change, energy, green building, alternative fuels, solid waste and recycling policy issues, and
- Other environmental issues the Board may so assign and oversee annual work programs and budgets for these program areas.

# Role of CEEPC

- Created by the COG Board of Directors in 2009
- Provide leadership on climate change, energy, green building, alternative fuels, solid waste & recycling issues
- Help support area governments work together to meet the goals in the 2008 *National Capital Region Climate Change Report*



# CEEPC's Membership

## COG MEMBERS - 25

1 Elected Official per COG local govt

+ 1 Additional Elected Official for:

- District of Columbia (Mayor)
- Fairfax County
- Montgomery County (Exec)
- Prince George County (Exec)

## STATE GOVERNMENT - 13

- MD and VA Senate + House
- State Environment,  
Energy, Transportation  
Directors

## STAKEHOLDERS - 20

- Federal/Regional Agencies - 4
- Electric & Gas Utilities - 3
- Environmental Community - 3
- Business Community - 3
- Academic Community - 3
- At-Large - 3
- Chair, Air and Climate Public  
Advisory Committee (ACPAC)

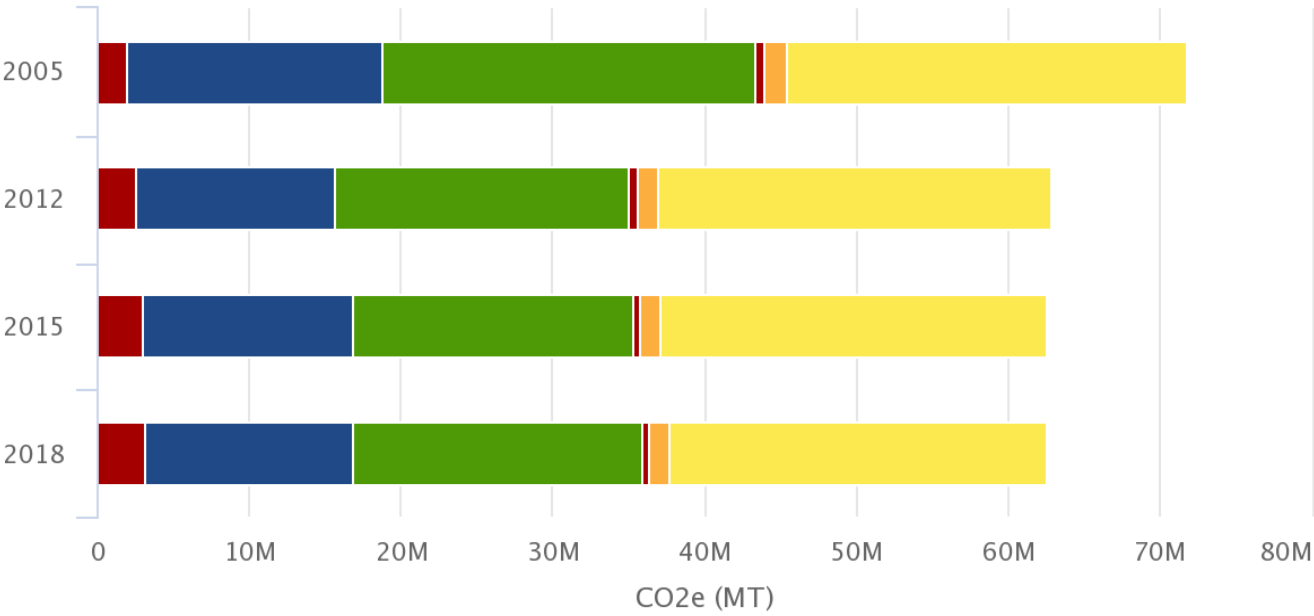
## REGIONAL\*

- Transportation Planning Board
- Metropolitan Washington Air  
Quality Committee
- WMATA Board of Directors

\*Added if not represented by  
COG members.

# Regional GHG Mitigation Goals

- Regional goals set in 2008
  - 2012** – Reduce from business as usual by 10% (roughly 2005 levels)
  - 2020** – Reduce 20% below 2005
  - 2050** – Reduce 80% below 2005
  
- New 2030 goal adopted in 2020***



● Process & Fugitive Emissions   
 ● Residential Energy   
 ● Commercial Energy  
● Water & Wastewater   
 ● Solid Waste   
 ● Transportation & Mobile Sources

Source: ClearPath output  
 Note: ClearPath is an online greenhouse gas inventory tool. ClearPath is a product of ICLEI - Local Governments for Sustainability.

# 2030 Climate and Energy Plan

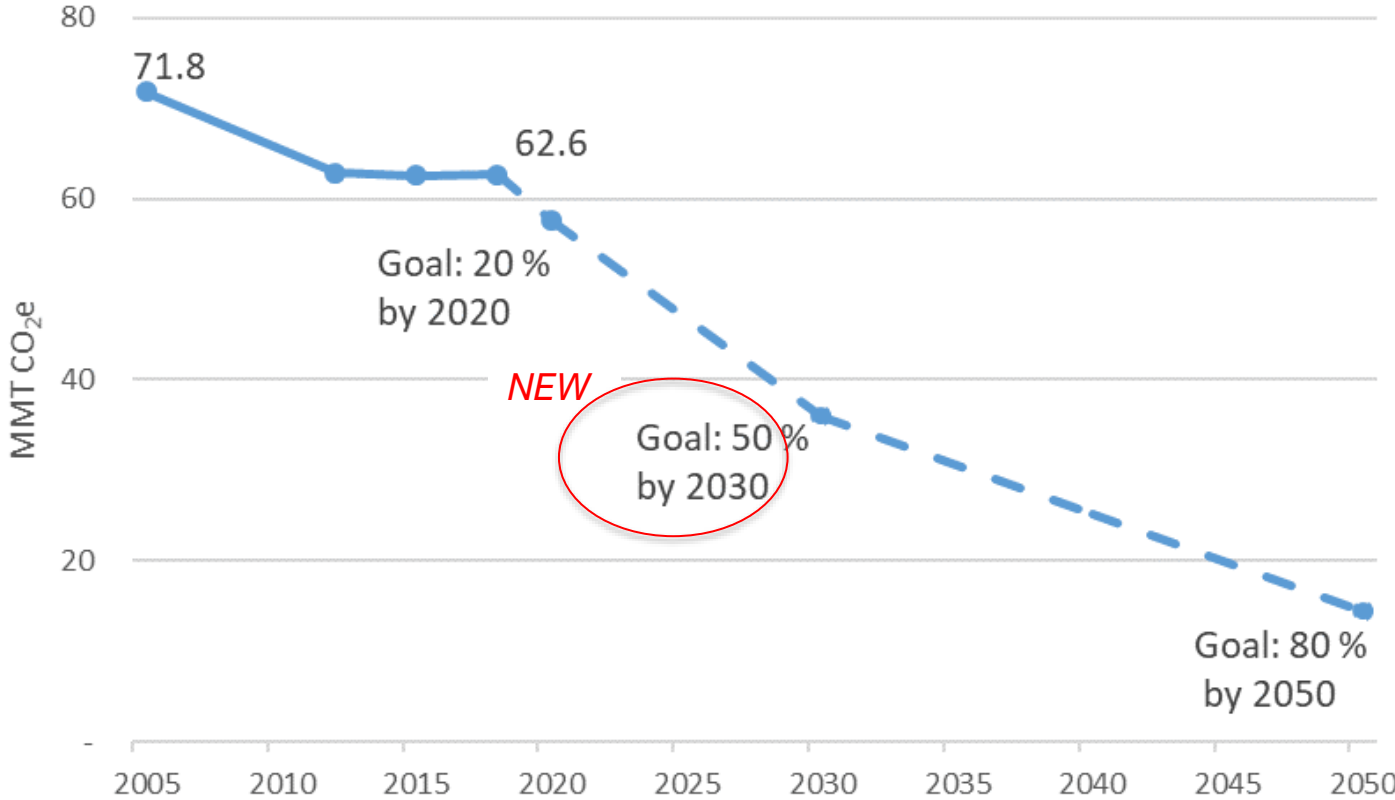
## Two Main Goals: Climate Mitigation Goal Climate Resilience Goal

- Builds on previous regional action plans and establishes priority collaborative actions for area governments and partners to work on together



# Regional 2030 GHG Mitigation Goals

**Update:** Adopted by the COG Board, affirmed by TPB, submitted to GCoM the climate mitigation goal of **50 percent greenhouse gas emission reductions below 2005 levels by 2030.**



# ACPAC Oversight and Mission

---

## Oversight

- Established in 1993 and formerly known as the Air Quality Public Advisory Committee (AQPAC)
- ACPAC serves as an advisor to and at the pleasure of MWAQC and as an advisor to CEEPC

## Mission

- Act as a mechanism for facilitating a dialogue among diverse interest groups, the community at large, CEEPC, and MWAQC
- Advise MWAQC in the development of an air quality plan; to assist in reviewing the consequences of air quality policies and programs, informing and educating the general public about MWAQC activities
- Comment on the air quality aspects of climate change issues; and to assume such other responsibilities as MWAQC or CEEPC shall determine

# ACPAC Membership & Election of Officers

---

## Membership

- MWAQC appoints individuals to represent elements of the community, seeking a balance among them in both geography and background
  - 18 members
- 1 Term: 3 years, staggered
  - Limits: 2 terms (6 years), but may be longer at MWAQC's discretion
  - Term begins in February each year
  - Meets every other month/6 times a year

## Election

- Elected officers include a Chair and Vice Chair (1 year appointment)
- Election held at the January ACPAC meeting
- Nominations can be made from the floor



# ACPAC 2024 Priorities

---

- Support the EJ Subcommittee
  - Develop an Action Plan to assist members on how to consider equity when implementing air quality policies, projects, and programs
- EJ Toolkit Update
  - Resource designed to inform COG members, stakeholders, and the community to effectively advocate for and implement environmental justice principles in the region
- Climate and Energy Leadership Awards Program
- Ozone and fine particle planning: Committee input
- Recommended priorities, input on CEEPC and MWAQC work plan
  - TBD

# Climate, Air, and Energy Team

---

- **Jeff King** – Director, Climate, Energy, and Air Programs
- **Jen Desimone** – Air Programs Chief, MWAQC Lead, Clean Air Partners Lead
- **Sunil Kumar** – MWAQC Technical Advisory Committee Lead, MWAQC Support, Air Quality Forecasting, Emissions Inventories
- **Leah Boggs** - BEEAC Lead, ACPAC Lead, CEEPC Support, EJ Support, Alt Vehicles/Fuels
- **Maia Davis** - Lead Climate and Technical Planner, GHG Inventories
- **Robert Christopher** – Legislative Lead, Regional EV Work Group Lead, EJ Subcommittee Lead
- **Alissa Boggs** – CEEPC Support, Climate and Energy Technical Support, Utility Data, GHG Inventories
- **Tim Masters** - Climate, Energy and Air Technical Support, Legislative Support, Utility Data and GHG Inventory Support
- **Kelsey Boatwright** - Climate, Energy and Air Support, Tree Canopy, Engagement

# Policy Committees Priorities and Work Plans

# MWAQC FY 2025 Draft Work Plan

---

- COG will request that the U.S. EPA redesignate the region as meeting the 2015 ozone standard (Redesignation Request) for the first time and [develop a Maintenance Plan](#) detailing how officials will maintain the region's air quality progress. Work with local jurisdictions [to identify and implement initiatives to reduce air pollution](#), with a goal of achieving no unhealthy air days in the region and meeting the federal standard for ozone.
- Advocate for federal clean air policies that improve metropolitan Washington's air and protect public health.

# MWAQC FY 2025 Draft Priorities

---

- Communicate to regional leaders and the public on improvements to air quality and the need for actions to reduce emissions and continue to improve the air.
- MWAQC's Environmental Justice Subcommittee will **develop an EJ action plan**. The plan will **assist members on how they can consider EJ** when implementing air quality policies, projects, and programs.
- Other Services:
  - Regional Air Quality Attainment Planning
  - Air Quality Index and Monitoring
  - Air Quality Forecasting

# CEEPC FY 2025 Draft Work Plan

---

- Regional Climate and Energy Policy
  - Analyze, track and report on climate change and energy-related legislation, regulations and financing at the federal, state and local levels
  - Support implementation of the 2030 Climate and Energy Action Plan
  - GHG inventory development, regional and local
- Built Environment and Energy Advisory Committee
  - Provide best practices in energy use, monitoring, benchmarking, capacity building support, building code updates.
  - Collect and analyze utility data for 2024.
  - Support implementation of the 2030 Climate and Energy Action Plan

# CEEPAC FY 2025 Draft Work Plan

---

- Energy Infrastructure
  - Policy development on solar, solar with storage, microgrids, smart grid, community energy planning, distributed generation, critical infrastructure, energy security and energy assurance planning
  - Workshops and forums such as solar, alternative fuel vehicles, geothermal, energy efficiency, energy assurance, and cooperative green purchasing
  - Regional EV Deployment Working Group (REVD)
  - Support Regional Emergency Support Function 12 (Energy)
- Sustainability and Adaptation Planning
- Air and Climate Public Advisory Committee (ACPAC)
- Regional Solid Waste/Recycling Management

## Leah Boggs

Senior Environmental Planner

(202) 962-3336

[lboggs@mwkog.org](mailto:lboggs@mwkog.org)

[mwkog.org](http://mwkog.org)

---

777 North Capitol Street NE, Suite 300 Washington, DC 20002