

2023 ACPAC Orientation

Leah Boggs
Senior Environmental
Planner

Air and Climate Public Advisory Committee (ACPAC)
March 2023



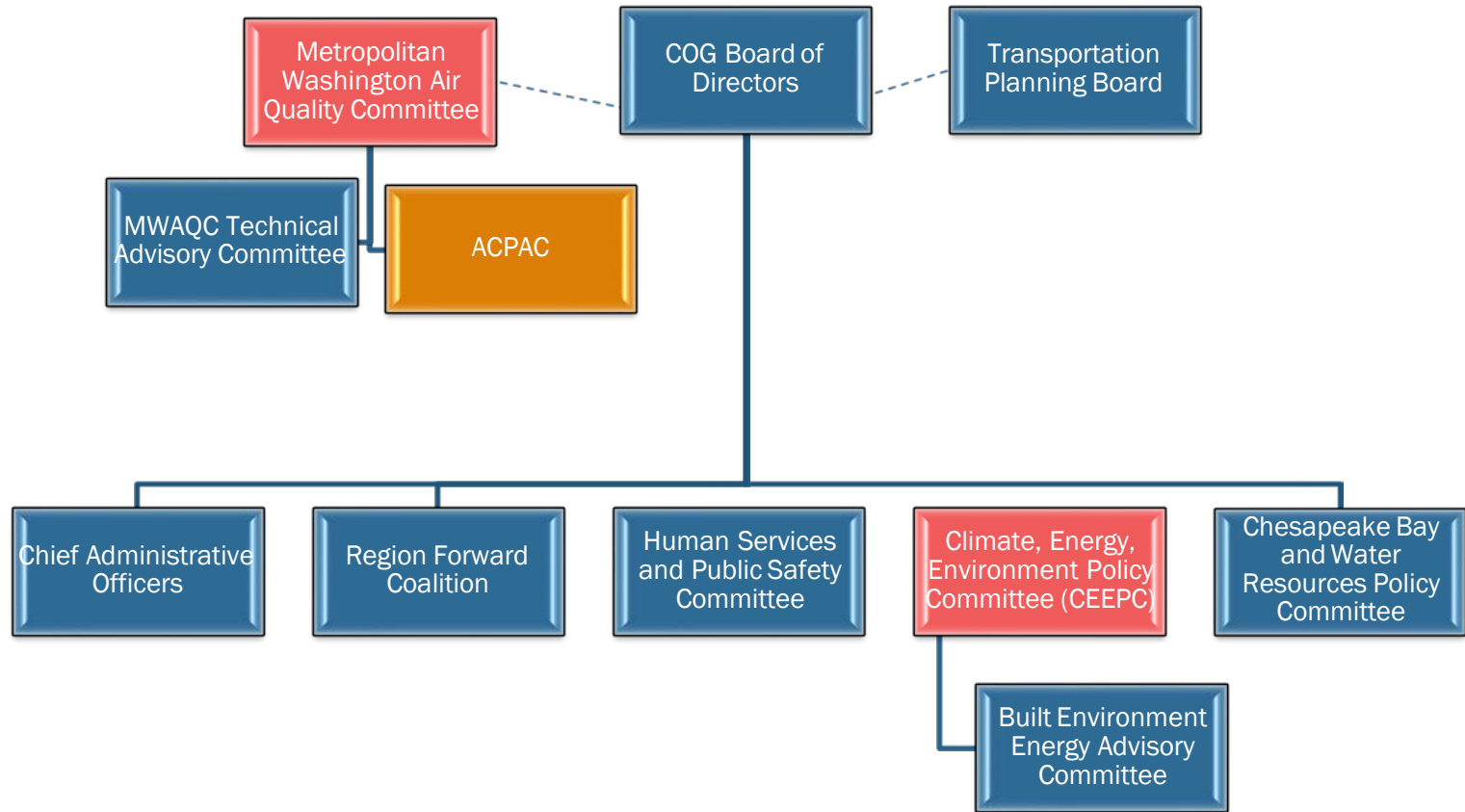
Metropolitan Washington
Council of Governments

COG

- 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



ACPAC's Mission

- Facilitate dialogue among diverse interest groups, the community and the Metropolitan Washington Air Quality Committee (MWAQC)
- Advise MWAQC in development of air quality plans and policies
- Advise the Climate, Energy and Environment Policy Committee (CEEPC) in development of climate and energy related plans and policies

ACPAC Membership

- MWAQC appoints individuals to represent elements of the community, seeking a balance among them and a geographic balance
 - 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

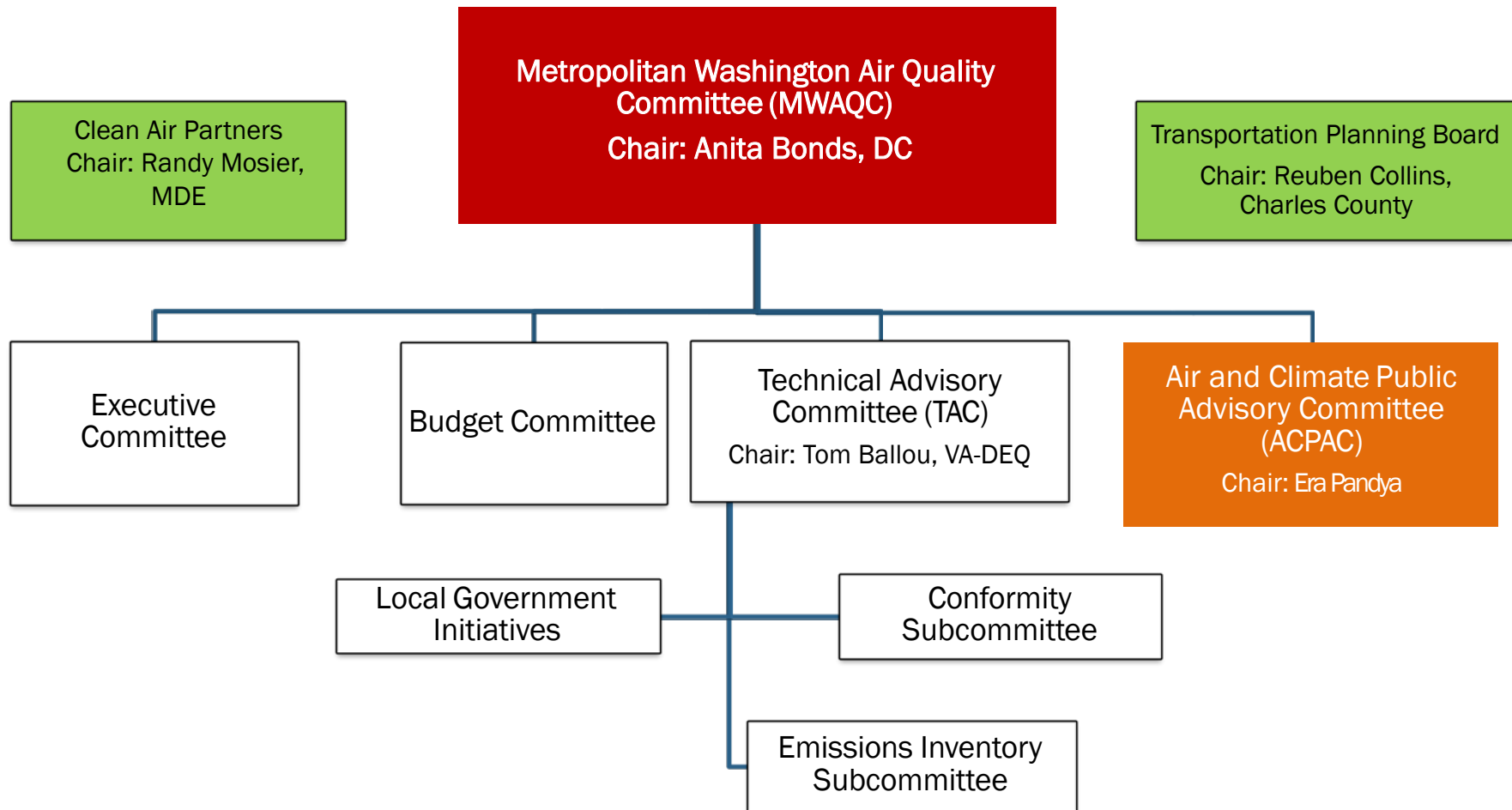
Election of Officers

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

Air, Climate and Energy Team

- **Leah Boggs** - BEEAC Lead Coordinator, ACPAC Lead Coordinator, CEEPC Support
- **Robert Christopher** – CEEPC Support, Regional EV Work Group Lead Coordinator
- **Maia Davis** - CEEPC Lead Coordinator, Climate and Energy Technical Lead
- **Jen Desimone** – Air Programs Chief, MWAQC Lead Coordinator, Clean Air Partners Lead Coordinator
- **Jeff King** – Climate and Energy Programs Chief, CEEPC Support
- **Sunil Kumar** – Lead MWAQC Technical Support, MWAQC Support
- **Tim Masters** - CEEPC and MWAQC Support, Climate, Energy and Air Technical Support, Legislative Lead Coordinator
- **Kanti Shrikant** - Deputy Executive Director, Transportation Planning Board

MWAQC Organizational Structure



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.

Clean Air Partners



TODAY'S AIR QUALITY

BECOME A SPONSOR

ABOUT

GET INVOLVED

AIR QUALITY RESOURCES

MEDIA CENTER



About Clean Air Partners

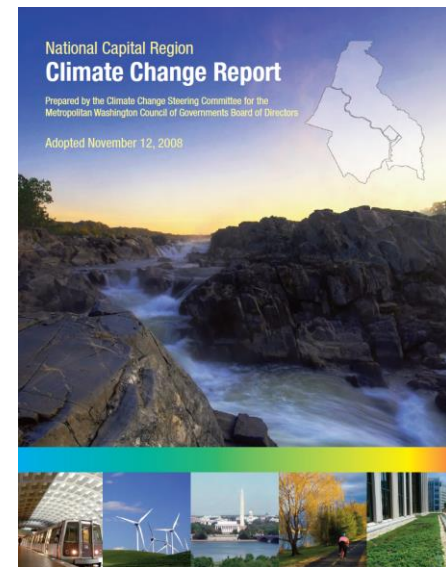
Clean Air Partners is a public-private partnership educating the greater metropolitan Baltimore-Washington region about the health risks of poor air quality. For more than 20 years, we have empowered individuals and organizations to take simple actions to reduce pollution and protect public health.



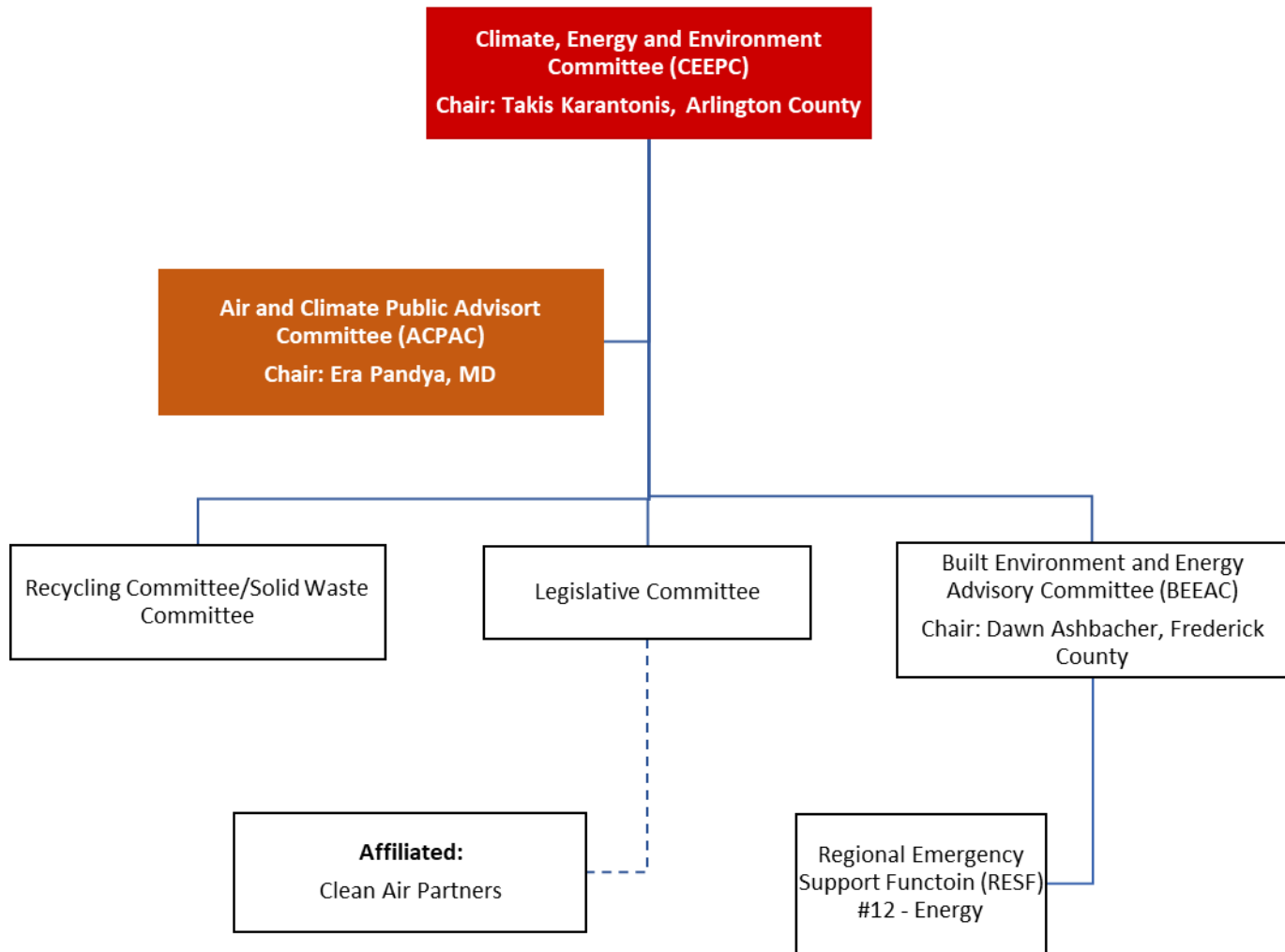
Metropolitan Washington
Council of Governments

Climate, Energy, Environment, & Policy Committee (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 Organizational Structure



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, 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

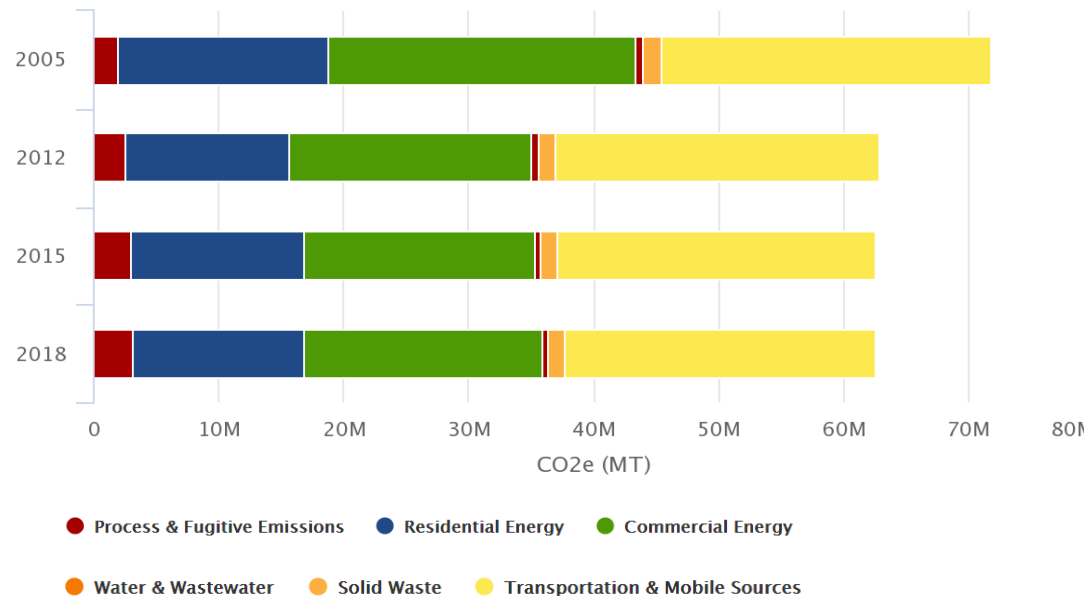
*Added if not represented by COG members.

Climate, Energy, Environment, & Policy Committee (CEEPC)

- 2030 Climate & Energy Action Plan
 - Reduce energy consumption
 - Increase share of renewables
 - Advance sustainable regional mobility
 - Increase sustainable urban development
 - Move towards zero waste
 - Build regional resilience
 - Protect equity & health
 - Grow the regional clean economy
- Activities
 - Built Environment & Energy Advisory Committee
 - Climate and Energy Action Plan support and Resource Guide
 - Climate and Energy Awards Program
 - Technical assistance
 - Grant support

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 (inventory showed 13% by 2018)
 - 2050 – Reduce 80% below 2005



Source: ClearPath output

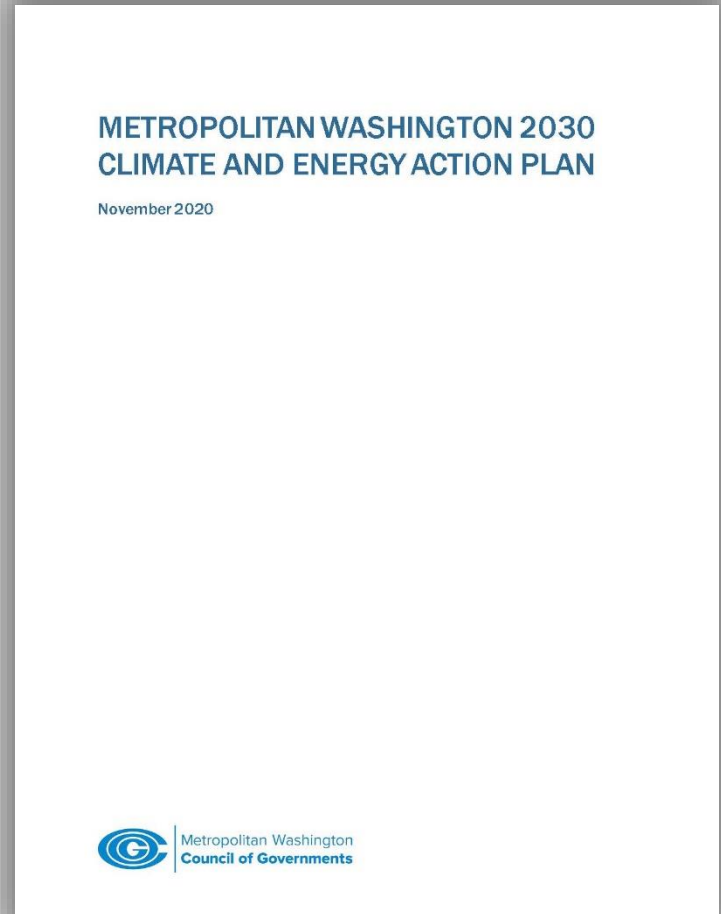
Note: ClearPath is an online greenhouse gas inventory tool. ClearPath is a product of ICLEI - Local Governments for Sustainability.

2030 Climate and Energy Plan

Two Main Goals

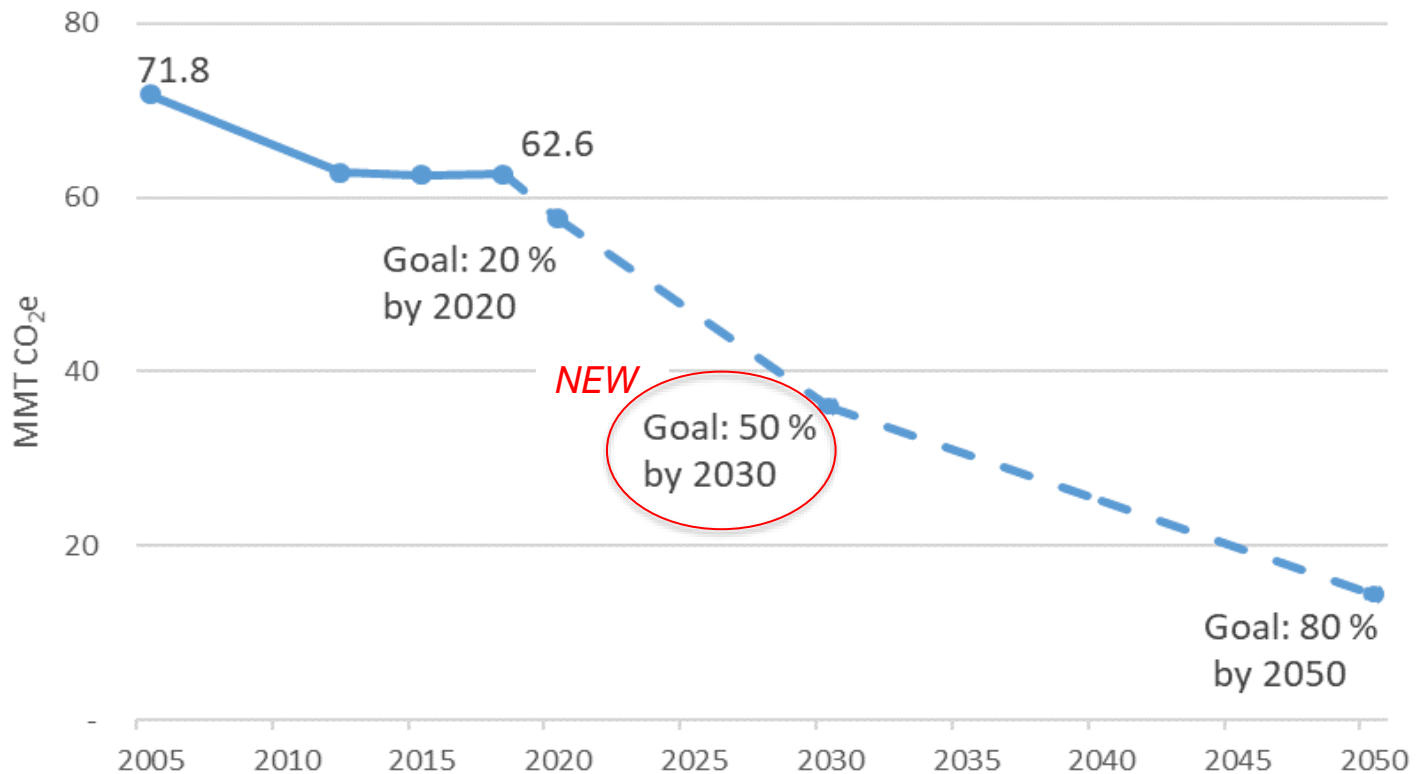
Climate Mitigation Goal

Climate Resilience Goal



Regional 2030 GHG Mitigation Goals

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.



Regional Climate Resilience Goals

Adopted by the COG Board, affirmed by TPB and submitted to GCoM the climate resilience goal of becoming a Climate Ready Region and making significant progress towards becoming a Climate Resilient Region by 2030.

Climate Ready Region:

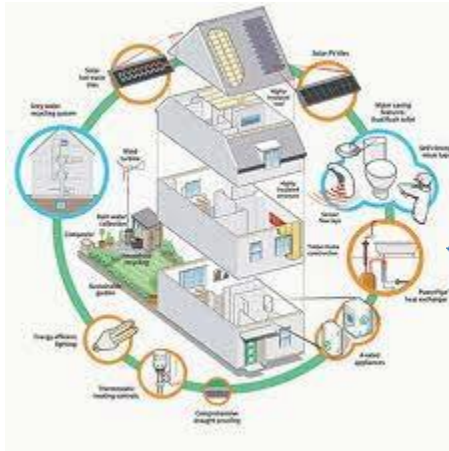
To be Climate Ready by 2030, all local governments must assess current and future climate risks, and be actively integrating climate planning across government plans, operations, and communications.

Climate Resilient Region:

To fully be a Climate Resilient Region, the region must have the ability to adapt and absorb against disturbances caused by current and future, acute and chronic climate impacts and successfully maintain essential functions.

Built Environment and Energy Advisory Committee (BEE-AC)

IGBG = Intergovernmental
Green Building Group



EAC = Energy
Advisors Committee



BEEAC = Built Environment
Energy Advisory Committee

Climate and Energy Activities

- 2030 Climate and Energy plan implementation
- Continued support local climate action plan development
- GHG Inventories
- Metropolitan Washington forest and trees sequestration
- Data Centers
- Community Choice Aggregations
- Zero Emission Vehicles
- Zero Emission Buildings
- Equity Emphasis Areas



ACPAC Activities

- Learn about air and climate policies, initiatives, and projects and share with networks (and vice versa)
- Provide input/review MWAQC and CEEPC plans, reports, comment letters
- Provide input and guidance on topics of interest
- Climate Awards
- Environmental Justice – projects, grants?

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Priorities

BEEAC/Energy 2022 Priorities

- Community Choice Aggregation
- Data Centers
- Clean electricity
- Equity actions in resiliency and mitigation



ACPAC 2022 Proposed Priorities

- Ozone planning - an extension of the attainment date for 2015 ozone
- Ozone season update
- Equity Emphasis Areas interface
- Energy efficient building codes
- Updates on local climate action and EV plans across the region
- 2022 Climate and Energy Awards