

2021 ACPAC Orientation

Leah Boggs
Senior Environmental
Planner

Air and Climate Public Advisory Committee (ACPAC)
March 15, 2021



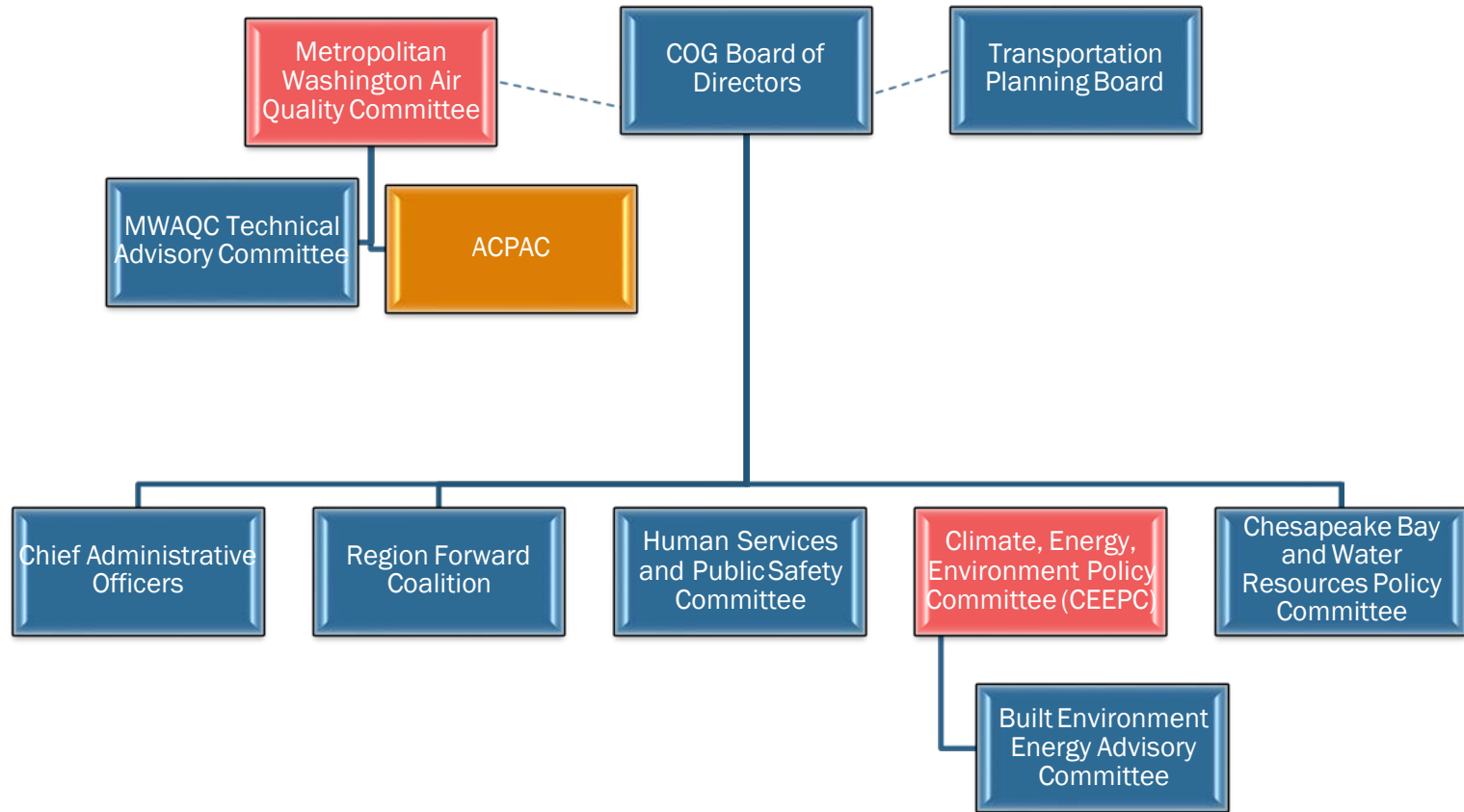
Metropolitan Washington
Council of Governments

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 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
- Term limit: 2 three-year terms, but may be longer at MWAQC's discretion
- Term begins in March each year*
- Meets every other month, 6 times a year*

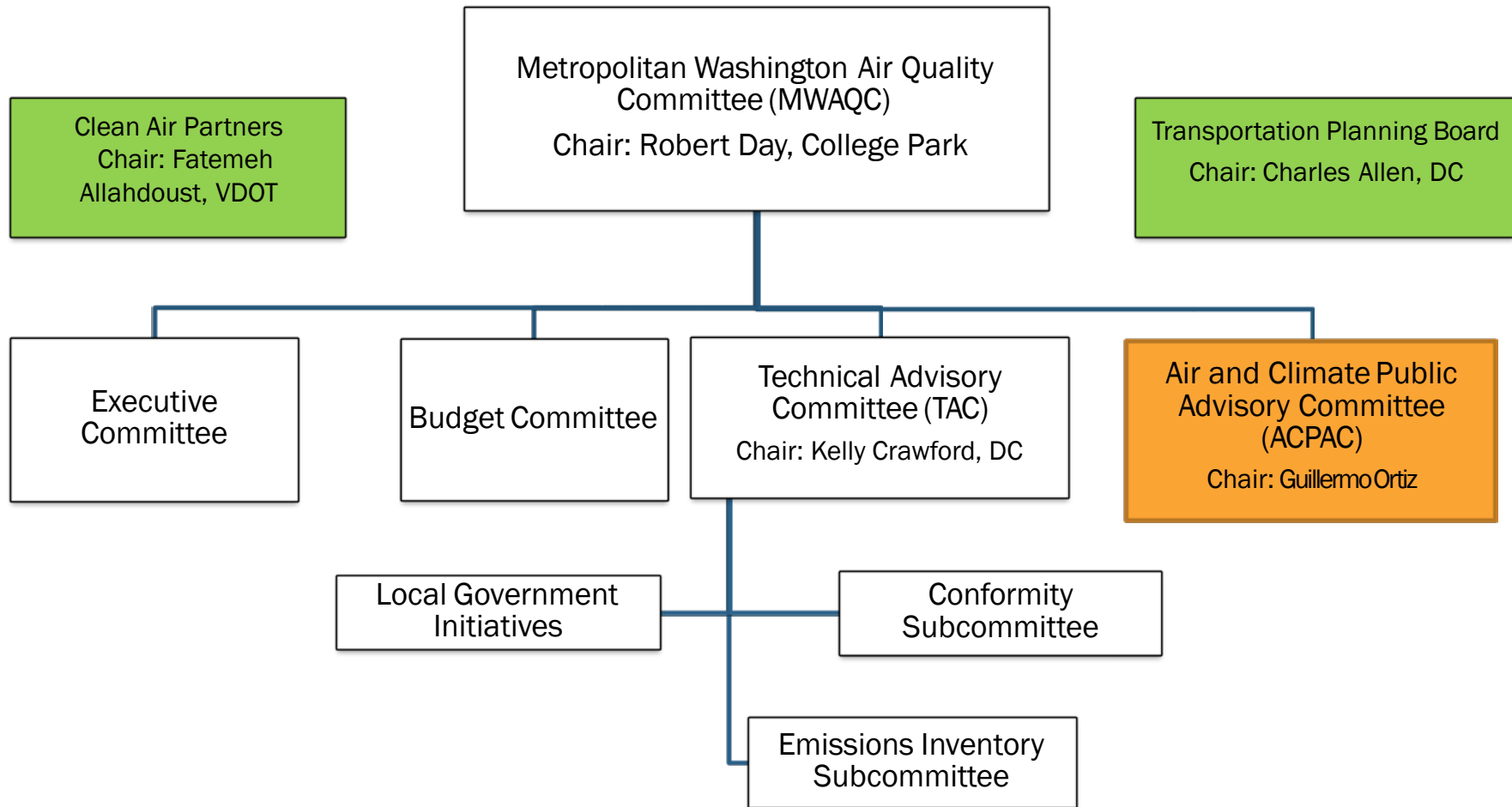
Election of Officers

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

Air, Climate and Energy Team

- Kanti Shrikant, Deputy Executive Director, Transportation Planning Board
- Jen Desimone – Chief of Air Programs, MWAQC Lead Coordinator, Clean Air Partners Lead Coordinator
- Sunil Kumar – Lead MWAQC Technical Support, MWAQC Support
- Jeff King – Chief of Climate and Energy Programs, CEEPC Support
- Leah Boggs - CEEPC Support, BEE-AC Lead Coordinator, ACPAC Lead Coordinator
- Maia Davis - CEEPC Lead Coordinator, MWAQC Support
- Tim Masters - CEEPC and MWAQC Support, Climate, Energy and Air Technical Support
- Katie Dyer – CEEPC Support, Legislative Lead Coordinator, Resilience Lead

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.

MWAQC Membership

District of Columbia (6)

Mayor (2), Council (2)

District Department of Energy and Environment

District Department of Transportation

Maryland (20)	Virginia (17)
City of Bowie	City of Alexandria
City of College Park	City of Fairfax
City of Frederick	City of Falls Church
City of Gaithersburg	City of Manassas
City of Greenbelt	City of Manassas Park
City of Rockville	Arlington County
City of Takoma Park	Fairfax County (3)
Frederick County	Loudoun County
Montgomery County (1 Executive, 2 Council)	Prince William County (2)
Prince George's County (1 Executive, 2 Council)	Stafford County (1-hour ozone issues only)
Calvert County	Virginia General Assembly (2)
Charles County	Virginia Department of Environmental Quality
Maryland General Assembly (2)	Virginia Department of Transportation
Maryland Department of the Environment	Other (1)
Maryland Department of Transportation	Transportation Planning Board Chair or Designee



Clean Air Partners



TODAY'S AIR QUALITY

BECOME A SPONSOR

ABOUT

GET INVOLVED

AIR QUALITY RESOURCES

MEDIA CENTER



Helping Our Region Breathe Easy!

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's Purpose

Created by the Board of Directors in 2009 for the following purposes:

Provide leadership on climate change, energy, green building, alternative fuels, solid waste and recycling issues.

Support area governments as they work together to meet the goals outlined 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, 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)

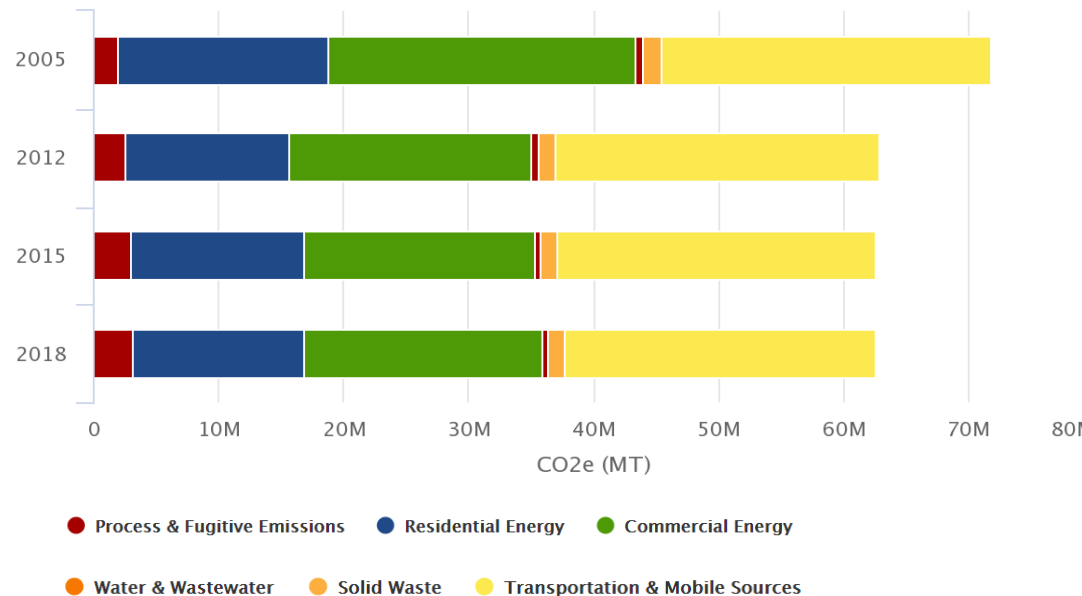
REGIONAL *

- 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 (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.

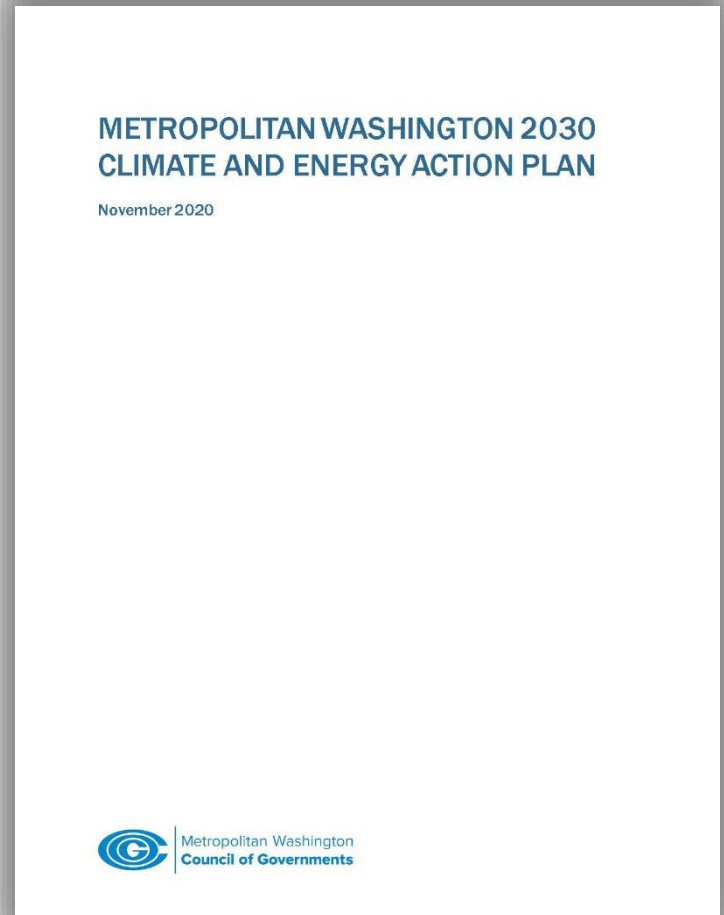


2030 Climate and Energy Plan

Two Main Goals

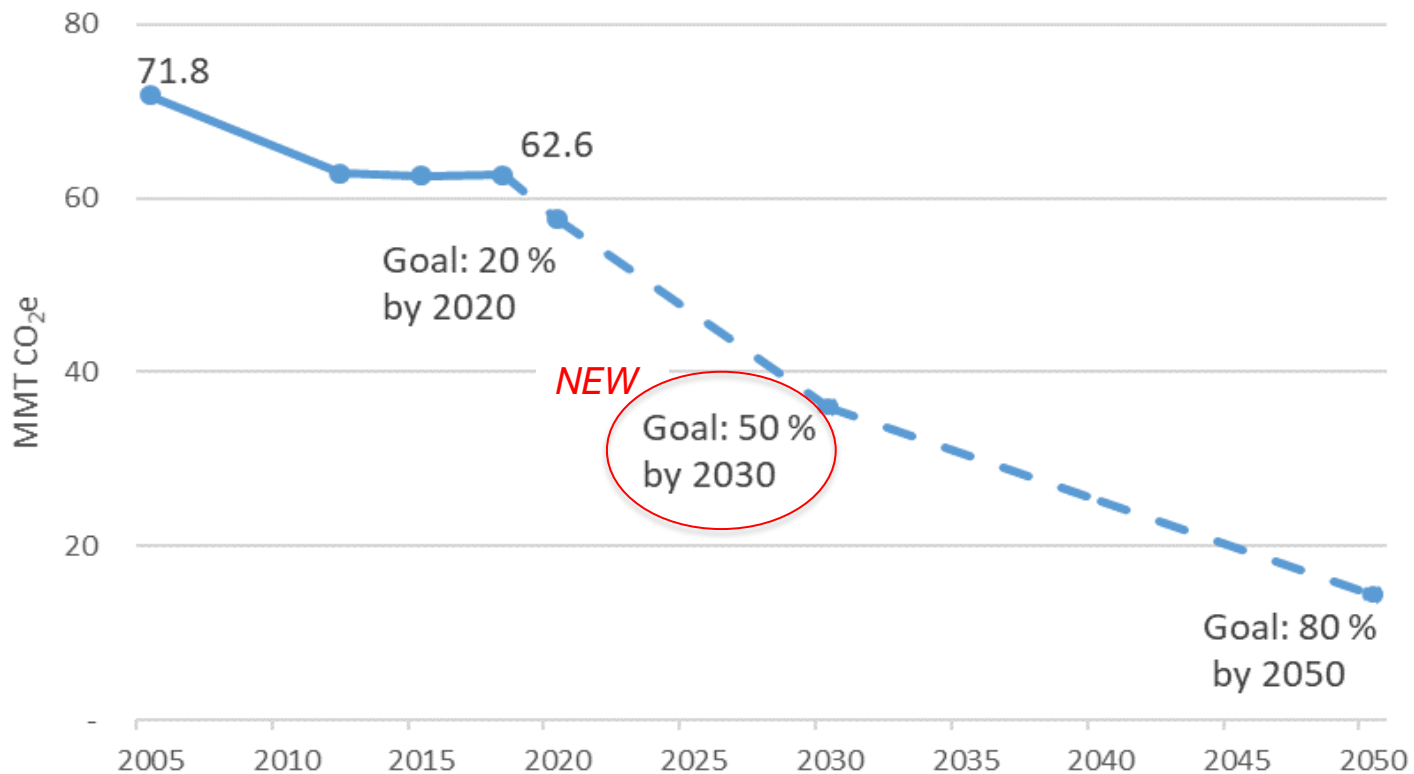
Climate Mitigation Goal

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:

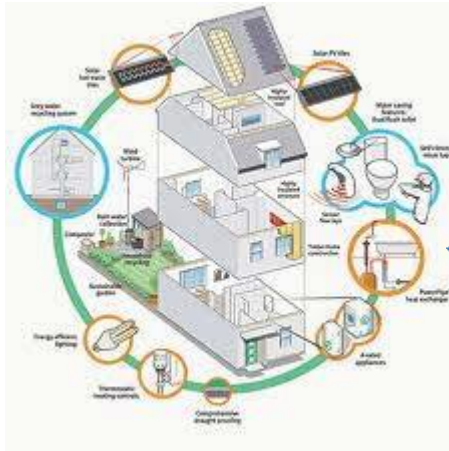
To be Climate Ready by 2030, all local governments must assess current and future climate risks, and be actively integrating climate planning across government plans, operations, and communications.

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

- Integrated multi-sector planning and implementation of the 2030 Climate and Energy plan
- Continued support local climate action plan development
- Zero Emission Buildings panel/roundtable
- Zero Emission Vehicles



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?

Leah Boggs

Senior Environmental Planner

(202) 962-3336

lboggs@mwkog.org

mwkog.org

777 North Capitol Street NE, Suite 300

Washington, DC 20002



Metropolitan Washington
Council of Governments

Additional Slides



COG Region Forward Goal Areas



Climate and Energy



Economy



Environment



Health and Human Services



Transportation



Education



Land Use



Public Safety



Housing



Equity



COG 2021 Priorities

- COG-wide Priorities
 - Integrated multi-sector planning and implementation of the 2030 Climate and Energy plan
- CEEPC/Climate Priorities
 - Support for local implementation of 2030 Climate and Energy Plan
 - Support local action cost effectiveness
 - Continued support local climate action plan development
 - Zero Emission Buildings panel/roundtable
 - Community Choice Aggregation
 - Zero Emission Vehicles
 - Transportation Mitigation and Resilience Studies
 - Tree Canopy Guidance

COG 2021 Priorities

- BEEAC/Energy Priorities
 - Building and energy system decarbonization
 - Energy resiliency and climate adaptation
 - High performance buildings
 - Transportation mitigation and resiliency
- Air Quality Priorities
 - Apply for an extension of the attainment date for 2015 ozone
 - Continue to work with TPB on conformity on the Visualize 2045 plan update
- Clean Air Partners Priorities – Jen DeSimone
- Transportation Priorities
 - Visualize 2045 Update
 - TPB Climate Change Adaptation and Resilience Studies

ACPAC 2021 Proposed Priorities

- Ozone planning - an extension of the attainment date for 2015 ozone
- Ozone season update and COVID-19 impacts
- 2030 Action Plan implementation and EJ interface
- Updates on local climate action plans across the region
 - Fairfax
 - Frederick County
 - Montgomery County
 - Rockville
 - Prince George's County
- 2021 Climate and Energy Awards?
- Regional transportation impacts to air quality including clean cars, buses initiatives, resiliency and adaptation