



## BOARD OF DIRECTORS

Wednesday, March 11, 2020  
12:00 - 2:00 P.M.  
Walter A. Scheiber Board Room

### AGENDA

- 12:00 P.M.**
- 1. CALL TO ORDER**  
*Derrick L. Davis, COG Board Chair*
  - 2. CHAIRMAN'S REPORT**  
*Derrick L. Davis, COG Board Chair*
- 12:15 P.M.**
- 3. EXECUTIVE DIRECTOR'S REPORT**  
*Chuck Bean, COG Executive Director*
    - COVID-19 Update
  - 4. AMENDMENTS TO THE AGENDA**  
*Derrick L. Davis, COG Board Chair*
- 12:25 P.M.**
- 5. APPROVAL OF THE MINUTES FROM FEBRUARY 12, 2020**  
*Derrick L. Davis, COG Board Chair*  
**Recommended Action: Approve minutes.**
  - 6. ADOPTION OF CONSENT AGENDA ITEMS**  
*Derrick L. Davis, COG Board Chair*
    - Resolution R12-2020 – Resolution authorizing COG to Receive A Grant, Procure and Enter into a Contract to Conduct Phase 35 of the Continuous Airport System Planning Program
    - Resolution R13-2020 – Resolution Endorsing Disadvantaged Business Enterprise Program Policy
    - Resolution R14-2020 – Resolution authorizing COG to Receive a Grant to Contract Professional Statistical Analysis Services for Stream Survey Trash Data**Recommended Action: Approve Resolutions R12-2020 – R14-2020.**
- 12:30 P.M.**
- 7. NATIONAL CAPITAL REGIONAL TRAIL NETWORK**  
*Kanti Srikanth, COG Deputy Executive Director for Metropolitan Planning*  
The board will be briefed on the Visualize 2045 National Capital Regional Trail Network and plans to expand the network to all jurisdictions in the region.  
**Recommended Action: Receive briefing.**

Reasonable accommodations are provided upon request, including alternative formats of meeting materials.  
Visit [www.mwco.org/accommodations](http://www.mwco.org/accommodations) or call (202) 962-3300 or (202) 962-3213 (TDD).

- 1:00 P.M.**      **8. 2030 REGIONAL CLIMATE AND ENERGY ACTION PLAN**  
*Steve Walz, COG Director of Environmental Programs*  
*Dan Sze, COG Climate, Energy, and Environment Policy Committee Chair*
- The board will be briefed on the Climate, Energy, and Environment Policy Committee's (CEEP) plan to review and update the 2030 Regional Climate and Energy Action Plan.
- Recommended Action: Receive briefing.**
- 1:30 P.M.**      **9. CYBERSECURITY OF ELECTIONS**  
*Benjamin Gilbert, U.S. Cybersecurity and Infrastructure Security Agency Cyber Security Advisor*  
*Richard Keech, COG Election Officials Committee Chair; Loudoun County Office of Elections Deputy Registrar*
- The board will be briefed on issues of cybersecurity as it relates to the facilitation of elections.
- Recommended Action: Receive briefing.**
- 1:55 P.M.**      **10. OTHER BUSINESS**
- 2:00 P.M.**      **11. ADJOURN**  
The next meeting is scheduled for Wednesday, April 8, 2020.

# **AGENDA ITEM #2**

# **CHAIRMAN'S REPORT**

# **AGENDA ITEM #3**

## **EXECUTIVE DIRECTOR'S REPORT**



## MEMORANDUM

**TO:** COG Board of Directors  
**FROM:** Chuck Bean, COG Executive Director  
**SUBJECT:** Executive Director's Report – March 2020  
**DATE:** March 4, 2020

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## POLICY BOARD & COMMITTEE UPDATES

**National Capital Region Transportation Planning Board (TPB)** – At its February meeting, the board approved bicycle and pedestrian projects in Virginia to receive funding through the Transportation Alternatives Set-aside Program (TAP) and approved transit asset management targets for the region. The board was also briefed on the TPB's Unified Budget and Work Program, the new Transportation Improvement Program (TIP), amendments to Visualize 2045, and the associated air quality conformity analysis.



(Chesapeake Bay Foundation/Flickr)

**Metropolitan Water and Air Quality Committee (MWAQC)** – During its February meeting, MWAQC approved the base year inventory for the 2015 ozone standard, which is a requirement under the Clean Air Act. The District of Columbia, Maryland, and Virginia will be publishing the inventory for a public hearing and comment.

### TAP PROGRAM PROJECTS

The TPB approved \$5.5 million in funding for 7 transportation projects, that make it easier and safer to bike and walk.

[View the awarded projects](#)

## OUTREACH & PROGRAM HIGHLIGHTS

**COG Presentations** – COG Board Chair Derrick L. Davis and Executive Director Chuck Bean presented to the Triangle J Council of Governments on February 5 in the Raleigh/Durham area. Bean also presented at the Demystifying Density event organized by George Mason University and the American Institute of Architects D.C. chapter on February 20. COG's housing targets and transit-oriented communities work were the focus of both presentations. Bean also provided presentations on COG's programs and services to the City of Falls Church on February 24 and Prince George's County on February 25.

Bean and COG Deputy Executive Director for Operations and Programs Tom Gates provided performance oversight remarks to the Council of the District of Columbia on February 24.

**COVID-19 Coordination** – Regarding the COVID-19 coronavirus outbreak, COG continued to support regional information sharing and communication among area officials.

**2020 Census Data** – COG hosted two half-day trainings by the U.S. Census Bureau for more than 60 local government officials where officials learned about the new method of collecting and viewing census statistics through the *data.census.gov* tool.

**Housing Focus Groups** – COG joined with other area organizations to sponsor research to develop a messaging playbook this spring for officials and housing professionals across the region. The research includes several public focus groups. On February 26, COG hosted a focus group for public, private, and nonprofit stakeholders.

**Collaboration with Regional Councils** – COG members and staff participated in the National Association of Regional Councils (NARC) annual conference from February 9-12. COG Board Member Penny Gross provided welcoming remarks, Chuck Bean moderated a panel on the connection of housing and transportation, and COG Environmental Programs Director Steve Walz participated on a panel on the region’s climate action planning and partnership with the Global Covenant of Mayors.

## MEDIA HIGHLIGHTS

**As D.C. area grows, new tool promises to reduce traffic woes**– COG Board Chair Derrick L. Davis and COG Planning Data and Research Program Director Timothy Canan explain the value of the High Capacity Transit Map Tool and how it works to advance the region’s priorities.

[WTOP story](#)

**\$5.5M in federal funds to improve biking, walking options in northern Virginia** –COG Transportation Planner John Swanson discusses funds awarded to projects that promote safe biking and walking.

[Inside Nova story](#)

**Fairfax County receives funding for mobility access project** – TPB Chair Kelly Russell and COG Transportation Planner Lynn Winchell Mendy discuss how the Enhanced Mobility Program projects help expand transportation services in communities.

[Fairfax County Times story](#)



(EUintheUS/Twitter)

## NARC CONFERENCE

Several COG members and staff attended and presented at the conference covering a variety of topics promoting regional collaboration.

# **AGENDA ITEM #4**

## **AMENDMENTS TO THE AGENDA**

# **AGENDA ITEM #5**

## **APPROVAL OF THE MINUTES**



**METROPOLITAN WASHINGTON COUNCIL OF GOVERNMENTS  
777 North Capitol Street, NE  
Washington, D.C. 20002**

**MINUTES  
COG Board of Directors Meeting  
February 12, 2020**

**BOARD MEMBERS AND ALTERNATES:** See attached chart for attendance.

**SPEAKERS:**

Julie Mussog, COG Chief Financial Officer  
Denise C. Sockwell, Virginia Department of Health, Northern Virginia Regional Epidemiologist  
Melissa Bird, District of Columbia Census 2020 Executive Director  
Bryna Helfer, Arlington County Assistant County Manager  
Jordan Baucum Colbert, Prince George's County Planning Department 2020 Census Outreach Coordinator  
Steve Walz, COG Environmental Programs Director  
Kanti Srikanth, COG Deputy Executive Director for Metropolitan Planning  
Dan Sze, COG Climate, Energy, and Environment Policy Committee Chair  
Timothy Canan, COG Transportation Planning and Research Program Director

**1. CALL TO ORDER AND PLEDGE OF ALLEGIANCE**

COG Board Chair Derrick L. Davis called the meeting to order at 12:06 P.M. and led the Pledge of Allegiance.

**2. CHAIRMAN'S REPORT**

- A. Board members provided short introductions.

**3. EXECUTIVE DIRECTOR'S REPORT**

COG Executive Director Chuck Bean provided an update on the regional housing initiative, including presentations to local governments and the development of a housing messaging playbook. Bean noted that the Transportation Planning Board (TPB) recently approved funding for projects that enhance mobility for seniors and individuals with disabilities and that the TPB is accepting applications for transportation planning and design assistance projects through March 9 for its Transportation and Land-use Connections Program.

**4. AMENDMENTS TO AGENDA**

The board added Resolution R11-2020 to item nine on the agenda.

**5. APPROVAL OF MINUTES**

The minutes from the January 8, 2020 board meeting were approved.

**6. ADOPTION OF CONSENT AGENDA ITEMS**

- A. Resolution R7-2020 – Resolution authorizing COG procure and enter into a contract to conduct a flow analysis of the Potomac Interceptor
- B. Resolution R8-2020 – Resolution authorizing COG to receive a grant to support the implementation of the District's Preparedness Strategy
- C. Resolution R9-2020 – Resolution authorizing COG to receive and expend grant funds from the Federal Transit Administration for its Innovative Coordinated Access and Mobility Pilot Program

**ACTION: Approved Resolutions R7-2020 – R9-2020.**

## **7. FY 2020 2ND QUARTER FINANCIAL REPORT**

COG Chief Financial Officer Julie Mussog briefed the board on the FY 2020 2<sup>nd</sup> Quarter Financial Statements, including the Statement of Revenue, Expense, and Change in Net Position for the period July 1, 2019–December 31, 2019 and the Comparative Statement of Net Position.

**ACTION: Received briefing.**

## **8. UPDATE ON THE REGION'S RESPONSE TO THE CORONAVIRUS**

Denise Sockwell from the Virginia Department of Health updated the board on the Coronavirus, including the U.S. and local response, coordination, and communication with the public.

**ACTION: Received briefing.**

## **9. 2020 CENSUS REGIONAL COORDINATION**

Melissa Bird from the District of Columbia, Bryna Helfer from Arlington County, and Jordan Baucum Colbert from Prince George's County shared how their respective jurisdictions are preparing for the 2020 Census. They also shared regional efforts to ensure a complete and accurate count of residents, including the *Take a Break, Take the Census* campaign to encourage local governments, nonprofits, and businesses to schedule a time or event for their employees to take the census during work. The board approved the resolution supporting the campaign.

**ACTION: Received briefing and adopted Resolution R11-2020.**

## **10. TRANSPORTATION AND CLIMATE INITIATIVE**

COG Deputy Executive Director Kanti Srikanth and Environmental Programs Director Steve Walz briefed the board on Transportation and Climate Initiative (TCI), a multi-state collaboration to reduce emissions from the transportation sector, and outlined COG's previous work on climate change. COG CEEPC Chair Dan Sze introduced the resolution in support of the Virginia and Maryland Governors and D.C. Mayor to continue participating in TCI.

**ACTION: Received briefing and adopted Resolution R10-2020.**

## **11. TRANSIT-ORIENTED COMMUNITIES**

COG Transportation Planning and Research Program Director Timothy Canan demonstrated a new mapping tool, which identifies locations of existing and planned high-capacity transit stations, such as Metro, MARC, VRE, and BRT. The tool will be used to inform the board's focus on transit-oriented communities.

**ACTION: Received briefing.**

## **12. EXECUTIVE SESSION**

The board entered in a closed session.

## **13. OTHER BUSINESS**

There was no other business.

## **14. ADJOURN**

Upon motion duly made and seconded, the meeting was adjourned at 2:00 P.M.

**February 2020 Attendance**

| <u>Jurisdiction</u>                | <u>Member</u>                  | <u>Y/N</u>   | <u>Alternate</u>   | <u>Y/N</u> |
|------------------------------------|--------------------------------|--------------|--|------------|
| <b><i>District of Columbia</i></b> |                                |              |  |            |
| <b>Executive</b>                   | Hon. Muriel Bowser             |              | Ms. Beverly Perry<br>Mr. Wayne Turnage<br>Ms. Lucinda Babers | Y          |
|                                    | Mr. Rashad Young               |              |  |            |
| <b>Council</b>                     | Hon. Phil Mendelson            | Y            |  |            |
|                                    | <i>Hon. Robert White</i>       | Y            |  |            |
| <b><i>Maryland</i></b>             |                                |              |  |            |
| Bowie                              | Hon. Tim Adams                 | Y            |  |            |
| Charles County                     | Hon. Reuben Collins            | Y            | Thomasina Coates<br>Gilbert Bowling                          |            |
| City of Frederick                  | Hon. Michael O'Connor          |              |  |            |
| Frederick County                   | Hon. Jan Gardner               |              | Ms. Joy Schaefer   |            |
| College Park                       | Hon. Monroe Dennis             | Y            | Hon. Patrick Wojahn  |            |
| Gaithersburg                       | Hon. Robert Wu                 |              | Hon. Neil Harris   |            |
| Greenbelt                          | Hon. Colin Byrd                |              | Hon. Emmett Jordan   | Y          |
| Laurel                             | Hon. Craig Moe                 | Y            | Hon. Michael Leszcz  |            |
| Montgomery County                  |                                |              |  |            |
| <b>Executive</b>                   | Hon. Marc Elrich               |              | Mr. Andrew Kleine  |            |
| <b>Council</b>                     | Hon. Tom Hucker                |              |  |            |
|                                    | Hon. Nancy Navarro             | Y            |  |            |
| Prince George's County             |                                |              |  |            |
| <b>Executive</b>                   | Hon. Angela Alsobrooks         |              | Mr. Major F. Riddick   |            |
| <b>Council</b>                     | Hon. Sydney Harrison           | Y            |  |            |
|                                    | <i>Hon. Derrick Leon Davis</i> | Y            |  |            |
| Rockville                          | Hon. Bridget Newton            | Y            |  |            |
| Takoma Park                        | Hon. Kate Stewart              |              | Hon. Cindy Dyballa   |            |
| Maryland General Assembly          | Hon. Brian Feldman             |              |  |            |
| <b><i>Virginia</i></b>             |                                |              |  |            |
| Alexandria                         | Hon. Justin Wilson             | Y            | Hon. Redella Pepper  |            |
| Arlington County                   | <i>Hon. Christian Dorsey</i>   | Y            |  |            |
| City of Fairfax                    | Hon. David Meyer               |              | Michael DeMarco  |            |
| Fairfax County                     | Hon. Jeff McKay                | Y            | Hon. James Walkinshaw  |            |
|                                    | Hon. Penelope A. Gross         | Y            | Hon. Daniel Storck   |            |
|                                    | Hon. Rodney Lusk               | Y            | Hon. Walter Alcorn   |            |
| Falls Church                       | Hon. David Snyder              | Y            | Hon. David Tarter  |            |
| Loudoun County                     | Hon. Juli Briskman             | Y            |  |            |
| Loudoun County                     | Hon. Phyllis Randall           |              |  |            |
| Manassas                           | Hon. Mark Wolfe                | Y            |  |            |
| Manassas Park                      | Hon. Hector Cendejas           | Y<br>(phone) | Hon. Miriam Machado  |            |
| Prince William County              | Hon. Ann Wheeler               | Y            |  |            |
|                                    | Hon. Andrea Bailey             | Y            |  |            |
| Virginia General Assembly          | Hon. George Barker             |              |  |            |

Total: 23

# **AGENDA ITEM #6**

## **ADOPTION OF CONSENT AGENDA ITEMS**

**ADOPTION OF CONSENT AGENDA ITEMS  
March 2020**

**A. Resolution R12-2020 – RESOLUTION AUTHORIZING COG TO RECEIVE A GRANT, PROCURE AND ENTER INTO A CONTRACT TO CONDUCT PHASE 35 OF THE CONTINUOUS AIRPORT SYSTEM PLANNING (CASP) PROGRAM**

The board will be asked to adopt Resolution R12-2020 authorizing the Executive Director, or his designee, to receive and expend grant funds from the Federal Aviation Administration (FAA) in the amount of \$277,800. The resolution also authorizes the Executive Director, or his designee, to proceed with procurement for a contractor, or contractors, and enter into a contract to conduct Phase 35 of the Continuous Airport System Planning (CASP) Program. The grant will include the following tasks in support of the CASP Program: (1) Process 2019 Air Passenger Survey (Phase 2) and (2) Ground Access Travel Time Update. COG will be required to provide a match of \$27,800 which is available in the budget of the Department of Transportation Planning.

**RECOMMENDED ACTION: Adopt Resolution R12-2020.**

**B. Resolution R13-2020 – RESOLUTION ENDORSING DISADVANTAGED BUSINESS ENTERPRISE (DBE) PROGRAM POLICY**

The board will be asked to adopt Resolution R13-2020 acknowledging receipt of COG's revised Disadvantaged Business Enterprise (DBE) Program Policy and endorsing COG's revised DBE Program Policy. The board desires to endorse said revised DBE Program Policy as a requirement of the Federal Transit Authority's (FTA) funding rules. The changes are minor and can be found in the attached policy. The board directs its Executive Director, or his designee, to notify the FTA of the board's endorsement.

**RECOMMENDED ACTION: Adopt Resolution R13-2020.**

**C. Resolution R14-2020 – RESOLUTION AUTHORIZING COG TO RECEIVE A GRANT TO CONTRACT PROFESSIONAL STATISTICAL ANALYSIS SERVICES FOR STREAM SURVEY TRASH DATA**

The board will be asked to adopt Resolution R14-2020 authorizing the Executive Director, or his designee, to receive and expend grant funds from Maryland Department of the Environment in the amount of \$40,000. Funding will be used to contract professional statistical analysis services for stream survey trash data. Funding for this effort will be provided through a grant from Maryland Department of the Environment. No COG matching funds are required.

**RECOMMENDED ACTION: Adopt Resolution R14-2020.**

# **AGENDA ITEM #7**

## **NATIONAL CAPITAL REGIONAL TRAIL NETWORK**



## DRAFT MEMORANDUM

**TO:** COG Board of Directors  
**FROM:** Kanti Srikanth, Deputy Executive Director for Metropolitan Planning  
**SUBJECT:** Development of the National Capital Trail Network  
**DATE:** March 4, 2020

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The Transportation Planning Board (TPB), in cooperation with its member jurisdictions, is mapping a network of trails, called the National Capital Trail Network, covering the entire region. The vision is for a high-quality, continuously connected multi-use trail network, suitable for commuting and recreational use, and accessible to people of all ages and abilities. The TPB believes that availability of such a trail network would provide additional options for mobility and accessibility in a sustainable manner, help improve the region's health outcomes through active transportation, and aid efforts to increase economic activities. This memo will describe the progress on this work, next steps, and anticipated follow-on actions.

## INTRODUCTION

The National Capital Trail originated as a circumferential bicycle trail connecting the jurisdictions that form the core of the Washington region – District of Columbia, Arlington County, and the City of Alexandria. This existing work product was adopted as one of the seven aspirational initiatives in Visualize 2045, the TPB's long-range transportation plan, which was adopted in October 2018.

While adopting the circumferential National Capital Trail as one of its Aspirational Initiatives the TPB noted the need and value of a network of high quality trails in the region that would enable its residents and visitors to traverse throughout the region in a non-motorized mode. With the recommendation of its Bicycle and Pedestrian Subcommittee, the TPB adopted resolution R20-2019 in December 2018. The resolution directed staff to expand the National Capital Trail into a network of trails covering the entire region – the National Capital Trail Network

## HISTORY OF AN IDEA

The idea of a circumferential paved bicycle trail or network of trails around the core of the region has been around for some time, and has been incorporated into numerous planning documents, notably the TPB's 2014 "Bicycle Beltway" Vision followed by the National Park Service's (NPS) 2016 Paved Trails Plan. The vision was of a high-quality, continuously connected multi-use trail network, suitable for transportation and recreation, and accessible to people of all ages and abilities.

Upon the adoption of the circumferential National Capital Trail by the NPS, local trail enthusiasts, and local agency staffs began exploring the idea of connecting this circumferential trail to major trails in the jurisdictions adjacent to the regional core. The Capital Trails Coalition began this work activity in late 2017 and developed the first generation of a network of trails that extended beyond

the regional core. It was around this time that the TPB called for the development of a trail network that would cover the entire region.

## **PROGRESS TO DATE**

During 2019, the TPB's Bicycle and Pedestrian Subcommittee worked with representatives of the local jurisdictions, the Capital Trails Coalition, NPS, and others to first develop the criteria that would be used to identify trails from the local jurisdictions larger trail plans to be included in the National Capital Trail Network. Subsequently staff worked with each member jurisdiction to identify the specific trails within the jurisdiction that would be added to the regional network. Local jurisdictions trails proposed to be added to the network was vetted for eligibility using criteria such as connectivity, width, paved status, density, and inclusion in an adopted agency plan. With data provided by the local jurisdictions and additional needed data generated by TPB staff a GIS map of the regional trail network was developed.

The preliminary regional network so developed was shared with the TPB's Bicycle and Pedestrian Subcommittee in January 2020, and the TPB's Technical Committee in February 2020.

## **NEXT STEPS**

The TPB staff will complete the remaining work while incorporating the feedback received from the TPB Technical Committee. The goal is to have a complete draft network reviewed and endorsed by the TPB's Technical Committee by May and present the final National Capital Trail Network to the TPB by June 2020.

## **FOLLOW-UP ACTION**

Upon adopting the network, the TPB expects its member agencies to commit taking the necessary planning and programming actions to build the National Capital Trail Network as expeditiously as possible. The TPB aspires to have this National Capital Trail Network fully operational and providing additional options for mobility and accessibility in a sustainable manner, helping improve the region's health outcomes through active transportation, and aiding the efforts to increase economic activities as expeditiously as possible.

The network will be updated periodically, to track the progress of completing this network and reflect the applicable updates to agency plans.



# **AGENDA ITEM #8**

## **2030 REGIONAL CLIMATE AND ENERGY ACTION PLAN**



## MEMORANDUM

**TO:** COG Board of Directors  
**FROM:** Stephen Walz, Department of Environmental Programs Director  
**SUBJECT:** CEEPC 2030 Climate Action Plan  
**DATE:** March 4, 2020

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The Climate, Energy, and Environment Policy Committee (CEEPC) is developing an update to its 2020 Climate and Energy Action Plan. CEEPC Chair Dan Sze identified this as one of the committee's 2020 priorities in his October 2019 presentation to the COG Board of Directors.

The 2030 Action Plan will be organized under two main buckets – mitigation (reducing greenhouse gas emissions) and resilience (adapting to climate change) – for the near-term (1-2 years), mid-term (3-5 years), and long-term (5-10 years). CEEPC is also developing an interim 2030 greenhouse gas emissions reduction target to fill in the gap between the current 2020 and 2050 targets. Assuming a constant rate of emission reductions, the 2030 target would be to reduce emissions by 40 percent below the 2005 baseline.

CEEPC plans to complete its 2030 Action Plan and recommend to the COG Board the 2030 target at the board's September or October 2020 meeting.

## BACKGROUND

- COG adopted the 2008 National Capital Region Climate Change Report with three greenhouse gas emission reduction targets:
  1. By 2012, reduce Business as Usual emissions by 10 percent - roughly equivalent to 2005 baseline
  2. By 2020, reduce greenhouse gas emissions by 20 percent below 2005 baseline
  3. By 2050, reduce greenhouse gas emissions by 80 percent below 2005 baseline
- Regional greenhouse gas emission inventories show that the region met the 2012 target. Greenhouse gas emission reductions have continued to decline; however, data is not yet available to predict whether the region is on a path to fully meet the 2020 target.
- CEEPC is using the Global Covenant of Mayors (GCoM) protocol for the 2030 Action Plan. The GCoM supplements other similar climate pledges with a more developed framework for climate mitigation and resiliency actions.
- The GCoM process provides COG and our members with technical assistance, a common reporting framework, a revised Business as Usual projection, an independent review of our regional GHG emissions inventory, mitigation targets and low-carbon scenarios, a Climate Risk and Vulnerability Assessment, and a final prioritized list of mitigation and adaptation actions.

- CEEPC’s climate planning has followed ten guiding principles, which will be carried over into the 2030 plan:
  1. Collective Action
  2. Effective Partnerships
  3. Lead by Example
  4. Integration
  5. Flexibility
  6. Transparency
  7. Innovation
  8. Community Leadership
  9. Inclusive Engagement
  10. Advocacy
  
- While developing the mitigation and resiliency recommended actions, CEEPC will start with analysis of the 2020 Regional Climate and Energy Action Plan. The 2020 Action Plan identified more than 100 local actions that could be taken in nine action areas:
  1. Reduce GHG emissions.
  2. Reduce energy consumption.
  3. Increase share of renewables.
  4. Build regional resilience.
  5. Advance sustainable regional mobility.
  6. Increase sustainable urban development.
  7. Move towards zero waste.
  8. Protect equity and health.
  9. Grow the regional economy.
  
- The 2030 Action Plan will build upon and consider more advanced concepts and consolidate and prioritize actions from the 2020 plan. The 2030 Plan will focus on collaborative priority actions that local government and stakeholders can work on together to meet the goals in the plan. Therefore, it will be a shorter list of actions to focus on regionally, rather than 100+ local action menu of options.
  
- At its September 2020 meeting, CEEPC plans to approve the 2030 Action Plan and recommend to the COG Board a new 2030 greenhouse gas emission reduction target.

# METROPOLITAN WASHINGTON 2030 CLIMATE & ENERGY ACTION PLAN

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Dan Sze, Climate, Energy, and Environment Policy Committee Chair  
Steve Walz, Department of Environmental Programs Director

COG Board of Directors  
March 11, 2020



## COG's Climate Action History

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- 2007: R31-07 created the COG Climate Change Initiative
- 2008: Resolution R60-08 adopted the National Capital Region Climate Change Report
- 2009: Resolution 18-09 established the Climate, Energy, and Environment Policy Committee
- 2010: Greenhouse gas emission reduction targets incorporated into Region Forward
- 2010: CEEPC adopted the first regional Climate and Energy Action Plan for 2010-2012.
- 2013-2016 and 2017-2020: Updated Action Plans adopted
- **2020-2030: Action Plan under development**

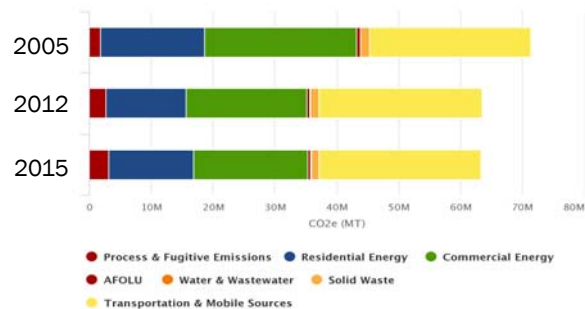


## COG's Greenhouse Gas Emission Reduction Targets

- 2008 National Capital Region Climate Change Report GHG emission reduction targets
  - By 2012, reduce Business as Usual emissions by 10% - roughly equivalent to 2005 baseline
  - By 2020, reduce greenhouse gas emissions by 20% below 2005 baseline
  - By 2050, reduce greenhouse gas emissions by 80% below 2005 baseline
- Based on Intergovernmental Panel on Climate Change recommendations to stabilize projected global temperature rise

## Regional Greenhouse Gas Emission Inventory

- Measures Progress toward Regional targets
  - 51% Built environment
  - 42% Transportation
  - 7% Mixed activities



## Climate Planning Guiding Principles

1. Collective action
2. Effective partnerships
3. Lead by example
4. Integration
5. Flexibility
6. Transparency
7. Innovation
8. Community leadership
9. Inclusive engagement
10. Advocacy

## 2020 Climate and Energy Action Plan

1. Reduce GHG emissions
  2. Reduce energy consumption
  3. Increase share of renewables
  4. Build regional resilience
  5. Advance sustainable regional mobility
  6. Increase sustainable urban development
  7. Move towards zero waste
  8. Protect equity and health
  9. Grow the regional economy
- } CEEPC
- TPB
- Region Forward
- Waste & Recycling
- } All

## Looking Forward: 2030 Action Plan

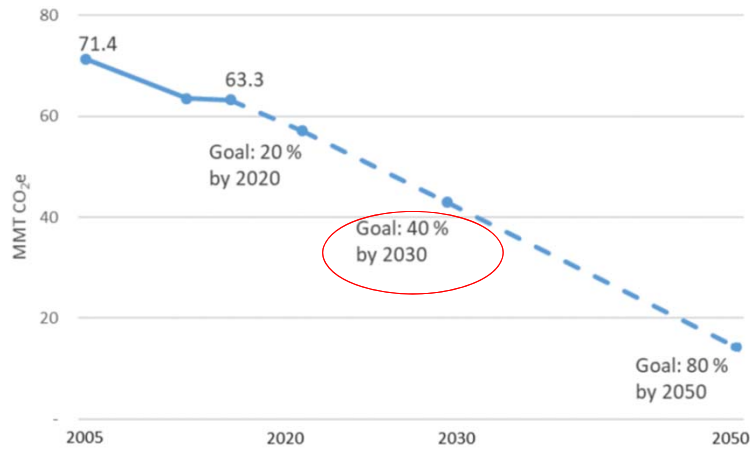
- 2030 interim greenhouse gas emission reduction goal
- Global Covenant of Mayors For Climate & Energy (GCoM)
  - 9,200 cities/counties worldwide; 162 in US
  - Expanded regional focus; four in US
- Why GCoM?
  - Common reporting framework
  - Revised Business as Usual projections
  - GHG emissions inventory independent review
  - Mitigation targets and low-carbon scenarios
  - Climate Risk and Vulnerability Assessment
  - Mitigation and adaptation actions
  - Technical assistance



## Looking Forward: 2030 Action Plan

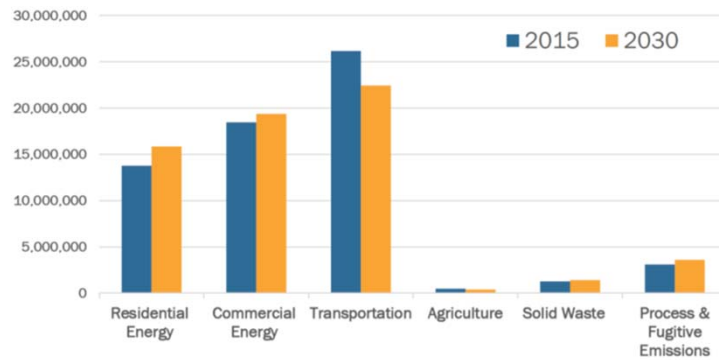
- November 2019
  - GHG inventory review
  - Mitigation strategies
  - Climate Risk and Vulnerability Assessment
- February 2020
  - COG Board Resolution - Transportation and Climate Initiative
- March 2020
  - Assess 2030 GHG emission reduction goal
  - Review Business as Usual projections
  - Prioritize mitigation strategies
  - Finalize Climate Risk and Vulnerability Assessment
  - Assess adaptation/resiliency strategies
- September/October 2020
  - Recommend to COG Board 2030 GHG emission reduction goal & Action Plan

## Looking Forward: 2030 Regional GHG Emission Reduction Target



## Looking Forward – Business as Usual

- Total GHG emissions would start to increase again
- Reflects growth in population, employment, transportation
- Accounts for “on-the-books” actions as of 2015





## Looking Forward: Technical Potential

- Areas of Opportunity
  1. Deep building retrofits; net zero-buildings
  2. Renewable electricity
  3. Electrify transportation
  4. Travel demand management
  5. HFC replacements

## Looking Forward: Climate Risk and Vulnerability Assessment

### Climate Hazards

| Hazard                        | Probability | Consequence | Risk |
|-------------------------------|-------------|-------------|------|
| Extreme Heat Days             | 3           | 3           | 9    |
| Drought                       | 2           | 3           | 6    |
| Flooding (Flash and Riverine) | 3           | 3           | 9    |
| Lightning/Thunderstorm        | 3           | 2           | 6    |
| Extreme Winter Conditions     | 2           | 3           | 6    |
| Coastal Flooding              | 3           | 2           | 6    |

### Adaptive Capacity

| Factor                                  | Degree of Challenge |
|---|---------------------|
| Access to Basic Services                | Moderate            |
| Access to Healthcare                    | Moderate            |
| Public Health                           | Moderate            |
| Housing                                 | Moderate            |
| Poverty                                 | Moderate            |
| Economic Health                         | Low                 |
| Environmental Conditions                | Moderate            |
| Infrastructure Conditions / Maintenance | High                |
| Community Engagement                    | Moderate            |

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# **AGENDA ITEM #9**

## **CYBERSECURITY OF ELECTIONS**

# **AGENDA ITEM #10**

## **OTHER BUSINESS**

# **AGENDA ITEM #11**

## **ADJOURN**