

UPDATE ON EFFORTS TO MEET 2030 CLIMATE GOALS

Local Actions And Opportunities

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Region's Climate Goals

Mitigation

- Reduce greenhouse gases (GHG) by 50% below 2005 levels by 2030

Resiliency

- Become Climate Ready and make significant progress to be a Climate Resilient Region by 2030

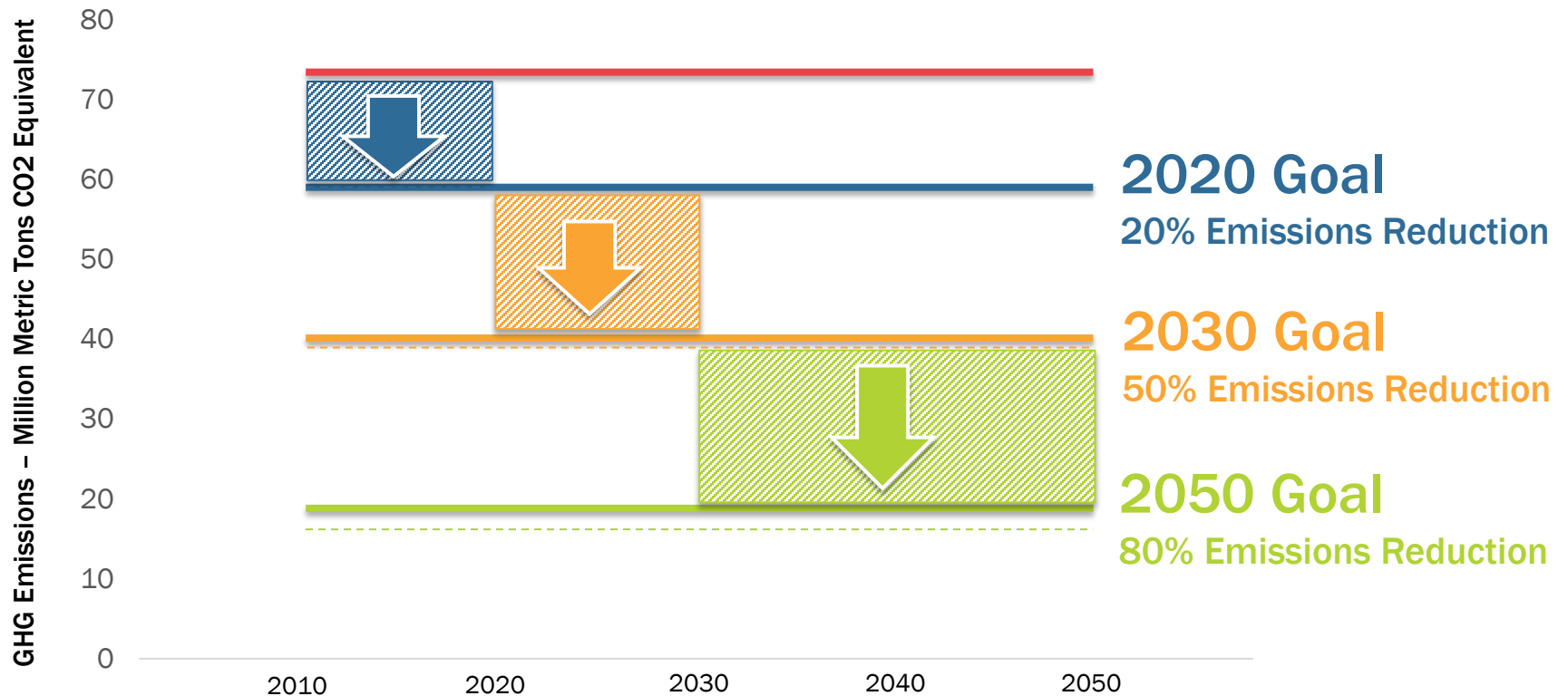
Equity

- Incorporate equity principles in all actions to reach the climate mitigation and resiliency goals



GHG Reduction Goals

Metropolitan Washington GHG Reduction Goals



Mitigation Actions (2030 CEAP)

Clean Electricity

Renewable Portfolio Standards; On-Site Renewable; Microgrids for Critical Infrastructure; Large Scale off-Site Renewables; Community Choice Aggregation; Battery Storage

Zero Energy Buildings

Building Benchmarking Requirements; Deep Building Retrofits; Policies to Facilitate More Net Zero Buildings; Proper Leak Detection and Disposal of Refrigerants

Travel Behavior

Increase Transit, Carpooling, Telecommuting, Walking and Biking; Brings Jobs and Housing Closer Together; Improve Traffic Operations Efficiency

Zero Emission Vehicles

Light-Duty Vehicle Deployment (Public and Private); Electrification of Medium and Heavy Duty; Regional EV Charging Network

Zero Waste

Curbside Organics Recycling; Reduce Solid Waste Generation; Build Markets for Circularity

Sequestration

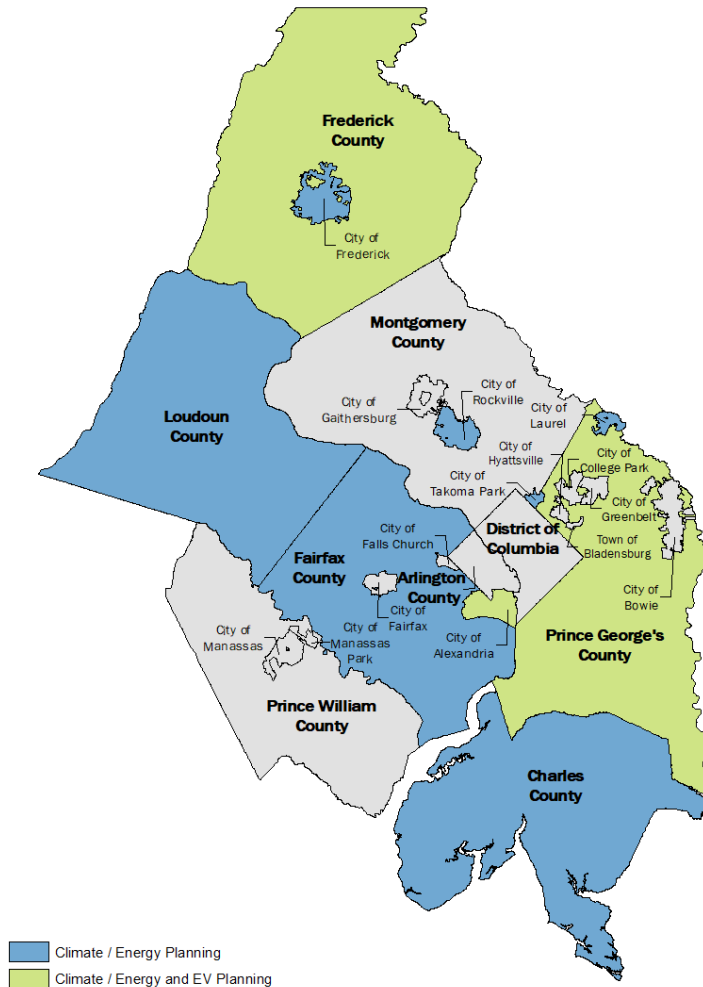
Manage Tree Canopy and Urban Forest Protection; Financing Mechanism for Preservation on Privately Owned Land; Tree Planting on Publicly Owned Lands



Recent Climate Planning Activities

1. Committee and Staff collaboration (COG wide)
 - a) CEEPC 2030 Climate and Energy Plan
 - b) TPB Climate Change Mitigation Study
 - c) Military Installation Resilience Review Community Resilience Plans
2. COG technical support activities
 - a) Regional and Local GHG Inventories
 - b) Local Climate Action, Energy, Sustainability Plans
 - c) Local Electric Vehicle and Infrastructure Plans
 - d) Renewables: Joint Solar Procurement, Solar Cooperatives, Solar Mapping
 - e) Building Efficiency: Building Performance Standards; Local Government Building Code Adoption Process
 - f) Resilience - Coastal Storm Risk Study

Supporting Local Climate/Energy Action



- COG is helping local governments, agencies develop climate and energy action plans.
- COG is coordinating local/regional electric vehicle and zero emission fleet plans and policies.

