

# EPA CLIMATE POLLUTION REDUCTION GRANT (CPRG) PROGRAM UPDATE

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## Priority Climate Action Plan (PCAP)

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Built Environment & Energy Advisory Committee  
April 18, 2024

# CPRG Update Agenda

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- Priority Climate Action Plan Process
- Implementation Grant Proposal
- Comprehensive Climate Action Plan
- Next Steps

# EPA Climate Pollution Reduction Grant

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- The **Climate Pollution Reduction Grants (CPRG) program** provides grants to States, regions, and local governments to develop and implement plans for reducing greenhouse gas emissions and other harmful air pollutants.
- Section 60114 of the **Inflation Reduction Act** provides an investment of \$5 billion to support these efforts.
- This two-staged grant program provides funding of \$250 million for noncompetitive planning grants, and **\$4.6 billion for competitive implementation grants**.
- Non-competitive allocations include - States, District of Columbia, Puerto Rico: \$3 million; Metropolitan Statistical Areas (MSAs): \$1 million each.
- COG, via DC's allocation, is managing **\$1 million for MSA climate planning**, which includes COG communities and other communities from VA and WV.

# Recap of PCAP Development Timeline

**Summer- Fall 2023** – Initial stakeholder discussions and contracting

**November 2023** – Steering and Technical Committee kickoff

**November – December 2023**

- Survey for project ideas
- Survey for community climate priorities
- Meetings with stakeholders, local governments, states
- Presentations to COG Committees
- Draft measures
- Stakeholder feedback on draft measures
- Stakeholder discussions

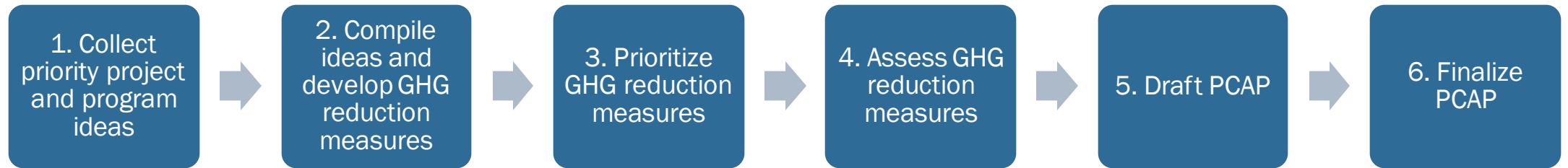
**January 2024**

- Final measures list
- PCAP drafting and modeling
- Continued stakeholder discussions
- LIDAC Survey
- Stakeholder discussions

Example Stakeholders Engaged

- Neighborhood Sun
- Sierra Club
- Common Grain Alliance
- LEAP
- Mobilize Frederick
- Virginia PACE
- Accokeek Foundation
- Southern Environmental Law Center
- Georgetown University
- George Mason University
- University of Maryland
- Maryland Clean Energy Center
- WMATA
- WSSC
- Pepco, Exelon, Dominion
- Washington Gas
- GWRCC Board
- COG Committees (TPB Tech, CEEPC, MWAQC, TPB, MWAQC-TAC, Chief Equity Officers Committee, BEEAC / REVI joint meeting, ACPAC, (FARM) Policy Committee)

# PCAP Development Process



## PCAP Steering and Technical Committees

- State Agencies: DOEE, MDE, DEQ, VDOT, MDOT
- Regional Agencies: WMATA, NVRC, Connected DMV
- Communities: COG Member Jurisdictions + Clarke, Culpeper, and Rappahannock Counties
- Water Utilities: DC Water, WSSC

## COG Committees

- TPB Tech, TPB-CAC, REVD, Equity Officers, FARM, ACPAC, CEEPC, BEEAC, MWAQC

## Example Stakeholders Engaged

- Industry: LEAP, Neighborhood SUN, Maryland Clean Energy Center, Virginia PACE
- Planning Commissions: Fredericksburg, George Washington Regional, and Northern Shenandoah Valley Regional
- Universities – Catholic, Georgetown, George Mason, George Washington, Maryland
- Utilities: Dominion, Exelon, Pepco, Rappahannock Electric Cooperative, Washington Gas
- LIDAC and Equity Focused Organizations: Common Grain Alliance, GWRCCC, Hola Cultura, Institute for Local Self-Reliance, Sierra Club, Southern Environmental Law Center
- Tribal Representatives: Accokeek Foundation, Patawomeck Indian Tribe in Virginia

# PCAP Outline

1. Introduction
2. Metropolitan Washington's Climate Context
3. Metropolitan Washington's LIDACs
4. Priority GHG Reduction Measures
5. Next Steps

Appendix A. GHG Inventory, BAU, and GHG Reduction Quantification

Appendix B. Metropolitan Washington Climate Energy Plans and Targets

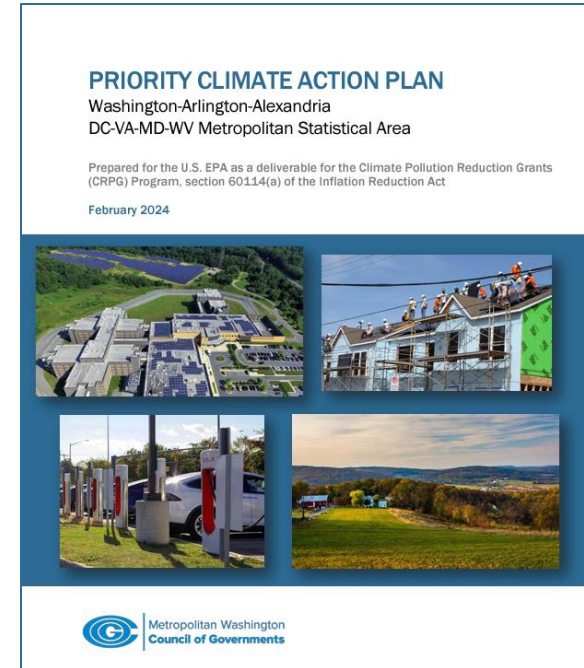
Appendix C. Identification of LIDACS in Metropolitan Washington

Appendix D. Project Ideas Submitted to COG

Appendix E. Community Climate Priorities Survey Results

Appendix F. Stakeholder and Community Representatives

<https://www.mwcog.org/documents/2024/03/01/priority-climate-action-plan/>



# COG's PCAP Measures List

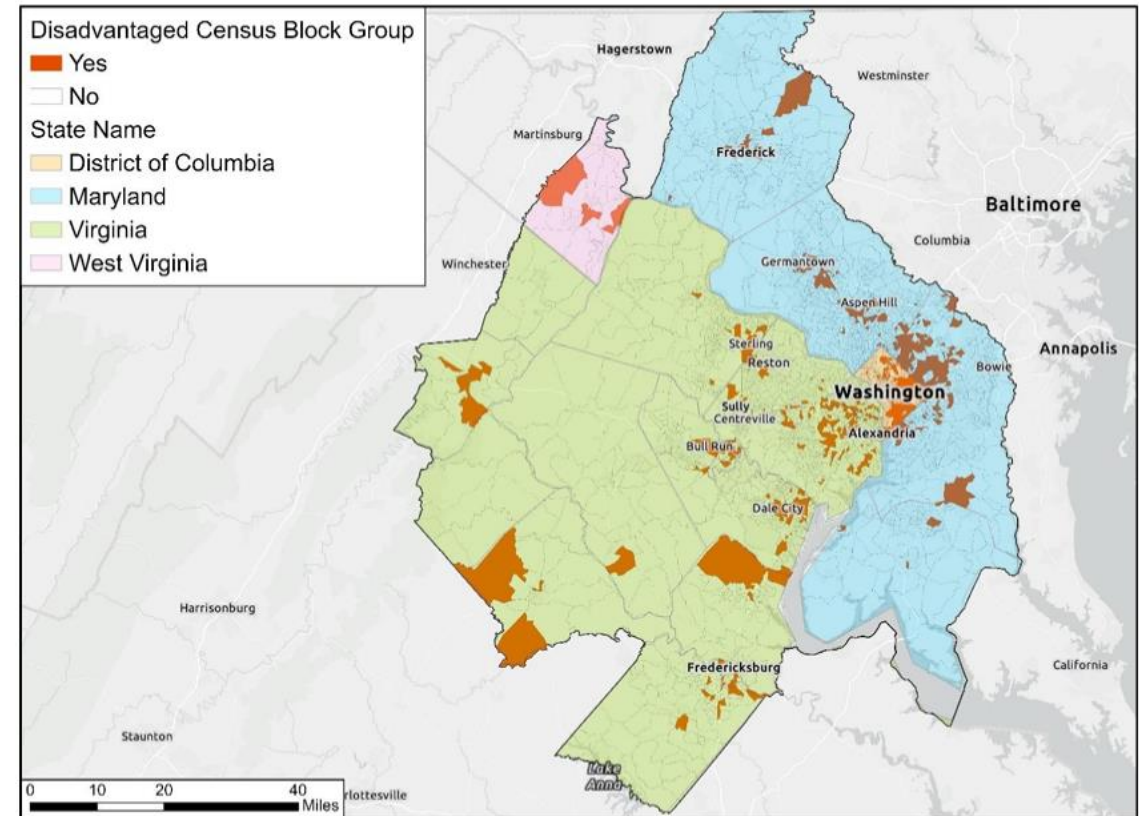
Sector	Measure
Buildings and Clean Energy	Accelerate the deployment of energy efficiency solutions and decarbonization of residential, institutional, municipal, and commercial buildings.
	Accelerate the deployment of clean and renewable energy.
	Study, plan for, and deploy district energy and microgrid opportunities.
Transportation	Provide and promote new and expanded opportunities to reduce VMT through public transportation, non-motorized travel, micromobility, shared travel options, and development.
	Accelerate the deployment of low- and zero- emission transportation, fuels, and vehicles.
	Accelerate the deployment of offroad/non-road electric equipment.
Waste	Reduce GHG emissions from waste and wastewater treatment.
Land Use	Accelerate the expansion of the regional tree canopy and reduce tree canopy loss.

# Metropolitan Washington LIDACs

## Low Income/Disadvantaged Communities (LIDAC)

### Priorities

- Air and water quality
- Greenspace availability
- Quality of life
- Community engagement and empowerment
- Creating employment opportunities and workforce development
- LIDAC community investment
- Access to infrastructure
- Food security
- Non-car travel options
- Reducing waste
- Affordable housing near transit
- Energy efficiency
- Inclusive energy transition



LIDAC Communities Identified Using EJ Screen



# Implementation Funding & Expected Awards Review

## For general competition

- EPA anticipates awarding 30 to 115 grants ranging between \$2 million and \$500 million.
- Grants expected to be awarded within 5 tiers, with funds targeted for each tier.
- Total amount requested will determine tier application evaluated at.
- EPA expects award announcements to be made by July and given in October.

<b>Tier</b>	<b>Grant Ranges</b>	<b>Funds Targeted for Each Tier</b>	<b>Anticipated Number of Grants to be Awarded</b>
Tier A	\$200,000,000 – \$500,000,000	\$2 billion	4-10
Tier B	\$100,000,000 – \$199,999,999	\$1.3 billion	6-13
Tier C	\$50,000,000 – \$99,999,999	\$0.6 billion	6-12
Tier D	\$10,000,000 – \$49,999,999	\$0.3 billion	6-30
Tier E	\$2,000,000 – \$9,999,999	\$0.1 billion	10-50

# CPRG Implementation Proposals

## Applications Submitted April 1, 2024

- COG Applications
  - Regional Action for Climate and Equity (RACE to Clean Energy for All): Focus on residential energy efficiency, solarize, and EV purchases for govt fleets in the COG region (individual)
  - Virginia Initiative for Building Efficiency (VIBE) Program: COG led regional coalition with NoVa, Richmond, Hampton Roads focusing on commercial building efficiency (coalition)
- Other CPRG Applications
  - District of Columbia: (1) Electric vehicles and infrastructure for city-wide composting program, MHDV fleet electrification and infrastructure, e-bike incentive program; (2) Building Performance Standards (BEPs) led by Maryland
  - Maryland: (1) BEPs
  - Virginia DEQ: (1) Comprehensive Decarbonization of Virginia's Transportation System; (2) Priority Methane Reduction Projects in Virginia; (3) Atlantic Conservation Coalition led by North Carolina; (4) Enabling Resilient Local Energy Systems led by Hawaii

# Comprehensive Climate Action Plan (CCAP)

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## Stakeholder Engagement 2024-2025

- Kick off for CCAP this Spring/Summer
- Virtual and in-person listening sessions
- Continue engagement with local utilities, agencies, community-based organizations, tribal communities, climate and energy non-governmental organizations, educational institutions, etc.
- Plan to hear more diverse and comprehensive perspectives
  - Enhanced LIDAC engagement is a priority
  - All sectors must be addressed in CCAP
  - Long term measures required for CCAP

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