

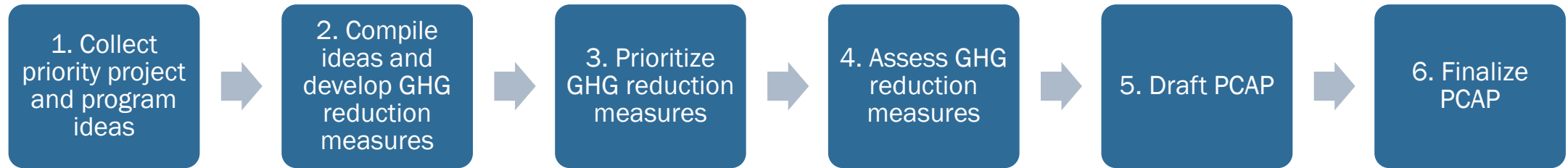
EPA CLIMATE POLLUTION REDUCTION GRANT (CPRG) PROGRAM UPDATE

Priority Climate Action Plan (PCAP)

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Transportation Planning Board
April 17, 2024

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

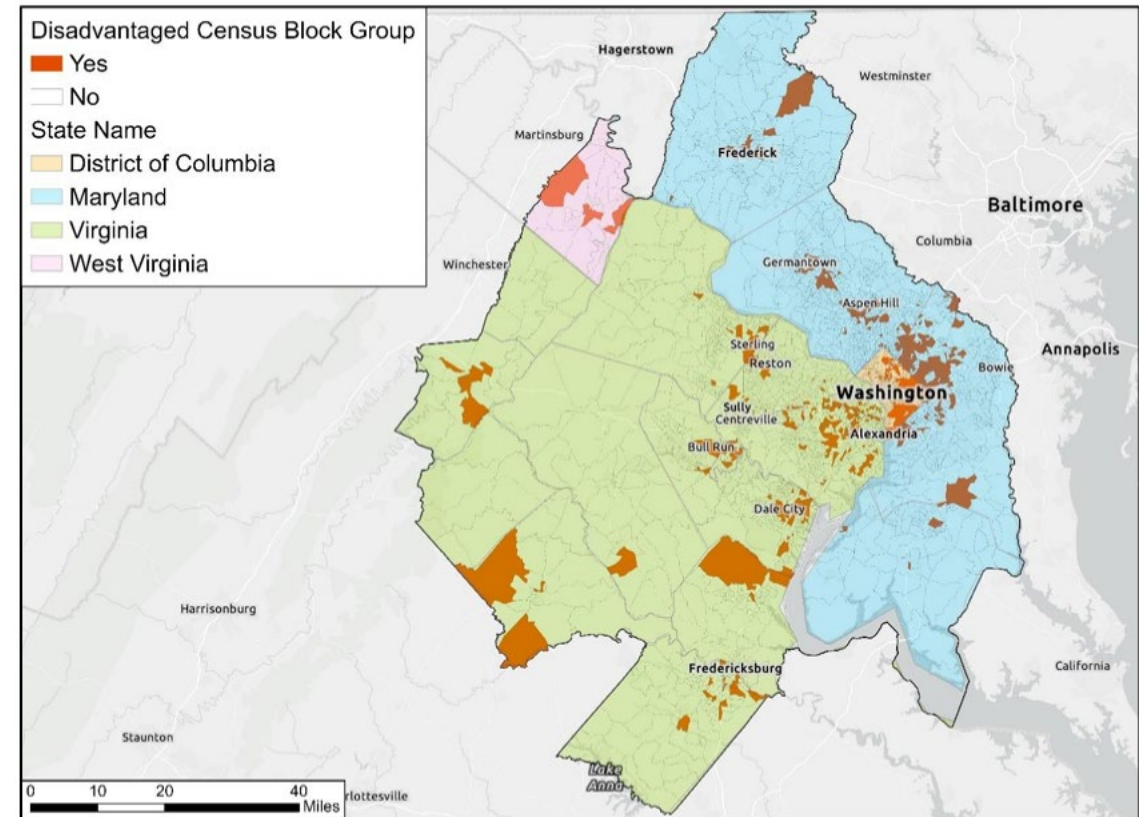
- Industry: LEAP, Neighborhood SUN, Maryland Clean Energy Center, Virginia PACE
- Planning Commissions: Fredericksburg, George Washington Regional, and Northern Shenandoah Valley Regional
- Universities – Catholic, Georgetown, George Mason, George Washington, Maryland
- Utilities: Dominion, Exelon, Pepco, 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

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



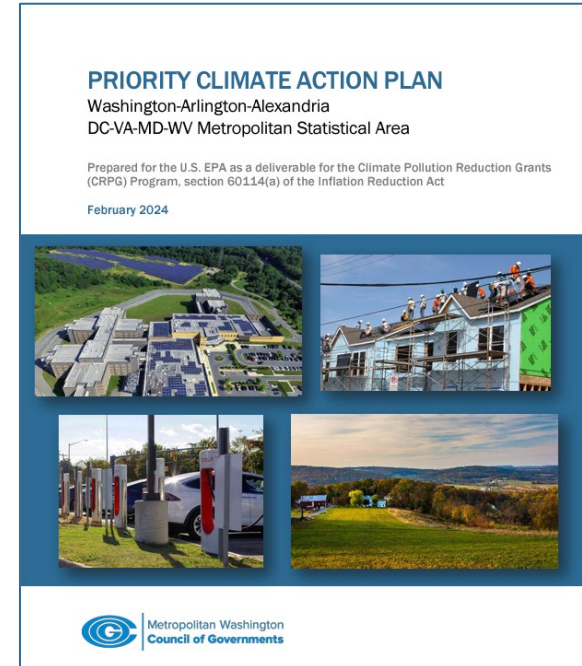
LIDAC Communities Identified Using EJ Screen

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.

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.

Tier	Grant Ranges	Funds Targeted for Each Tier	Anticipated Number of Grants to be Awarded
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
 - Virginia Initiative for Building Efficiency (VIBE) Program: COG led regional coalition with NoVa, Richmond, Hampton Roads focusing on commercial building efficiency
- 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)

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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