

Climate Pollution Reduction Grant (CPRG)

February 5, 2024



Agenda

- Welcome and Introductions
- Overview of EPA Climate Pollution Reduction Grant program
- Questions and Discussion
- Next Steps

Zoom Webinar Instructions

- **Via Computer**

- Enter questions in Q&A Box, OR
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- **Via Phone**

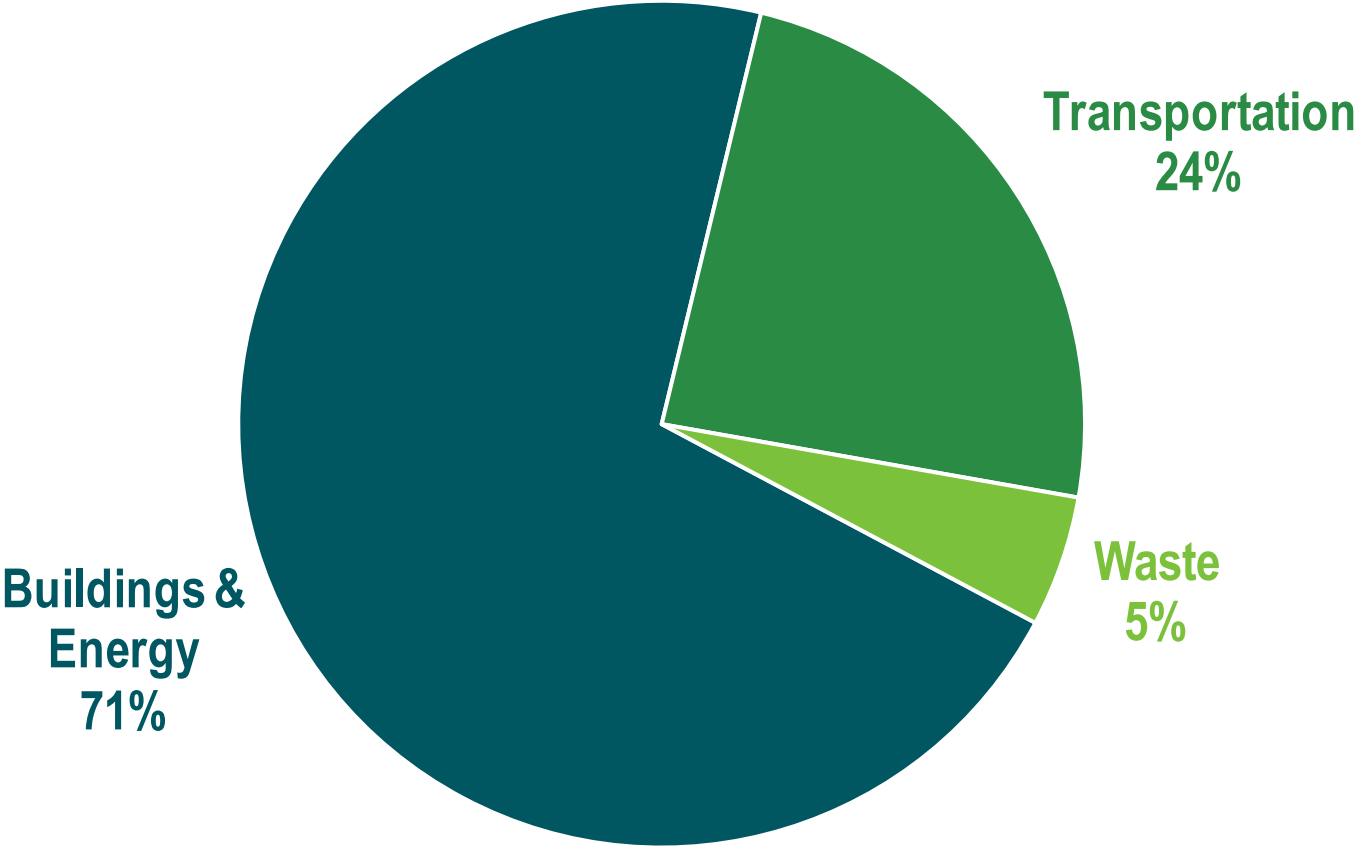
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Welcome + Context

- The District is committed to becoming **carbon neutral and climate resilient by 2045**
- Short-term competitive funding opportunities may support projects (new and existing) that advance DC's climate priorities.
- Approach: start together on near-term priorities as we work toward the full pathway to 2045

Current Citywide Emissions

7.1M tons
(2019)



EPA Climate Pollution Reduction Grants

- **Climate Pollution Reduction Grant (CPRG) program** provides grants to states and metropolitan regions to develop and implement plans to reduce greenhouse gas emissions and other harmful air pollutants.
- **Build on Existing Climate Action Plans**
 - The **District** and the **metropolitan region**, led by MWCOG, are building out existing plans using CPRG
 - Multi-year project:
 - **Priority Climate Action Plan (PCAP) -- due March 1, 2024**
 - Comprehensive Climate Action Plan (CCAP) -- due summer 2025
- Goals: leverage planning funds to expand and deepen **community engagement and benefits**, and position the District for implementation funds to **accelerate action**.


Existing Goals: Framework for Priority Actions


PCAP will build on existing plans (moveDC, Clean Energy DC, Sustainable DC 2.0, Carbon Free DC, etc.)


BUILDINGS

 Invest in efficient and healthy existing building


 2. Preserve and upgrade existing housing


 3. Accelerate net-zero energy, resilient new construction

 4. Phase out on-site fossil fuel combustion, starting with new construction

 5. Encourage zero carbon homes and buildings


ENERGY SUPPLY

 1. Expand options for zero-carbon heating and cooling


 2. Plan for resilience, with storage and more


 3. Accelerate a 100% renewable electric grid

LAND USE & TRANSPORTATION

 1. Encourage housing citywide


 2. Bring housing, jobs, and daily needs closer together

 1. Prioritize moving people, not cars


 2. Shift to zero emission transportation, prioritizing buses and trucks

WASTE

 1. Reduce first to achieve Zero Waste

 2. Focus on food and organics

 3. Encourage recycling and reuse

 4. Incubate a local circular economy

 5. Assess and reduce embodied carbon

GHG Reduction Measure Examples

- **Transportation Sector**
 - Promotion of electric vehicles and charging infrastructure
 - Updating building and zoning codes for sustainable development
 - Funding for “mode shift”, like e-bikes
- **Electric Power Sector**
 - Installation of renewable energy on municipal facilities
 - Streamlining permitting for renewable energy projects
- **Buildings Sector**
 - Programs to promote building electrification
 - Adoption of up-to-date energy codes

Other eligible sectors include Industrial Sector; Waste, Water, and Sustainable Materials Management Sector; Agricultural Sector; Carbon Removal Measures.

Within these types of measures, there are opportunities to advance community values.

*The scale of transformation needed to achieve carbon neutrality—in the way we **build** and **power** our homes, **move** around the city and the region, and think about the **materials** we use and **repurpose**—offers many opportunities to advance core community values and begin to address key challenges in the District.*

AT HOME:

Affordable Comfort, Healthy Heating & Cooling

Efficient electric heat pumps can provide heating and cooling with zero on-site pollution, keeping indoor air healthier to breathe.

High-performance construction, more insulation, and better windows can lower utility bills and make homes quieter and more comfortable.



IN YOUR NEIGHBORHOOD:

Safe and Accessible Streets, Cleaner Air

Community resilience hubs in each neighborhood will provide information, resources, and electricity even during a power outage.

Electric buses and cars, and fewer idling vehicles, will reduce noise and improve air quality, making it easier to breathe when walking or exercising outside.

Better pedestrian signals, sidewalks, and protected bike lanes, and slowing down traffic, will make it safer for more people to walk, bike, and roll.

IN OUR REGION:

Green Jobs, Clean and Faster Commutes

Green jobs will be necessary in every sector of the economy, from businesses that create and sell green products, to construction workers and architects who build energy efficient housing, to operators and technicians to keep an all-electric fleet running.

Bringing housing and jobs closer together, and workplace flexibilities, like telework or commuting at off-peak hours, may save time and money, cutting traffic congestion and saving valuable space and time for those who need to travel.

- Safe and accessible streets, with cleaner air
- Green jobs, clean and faster commutes

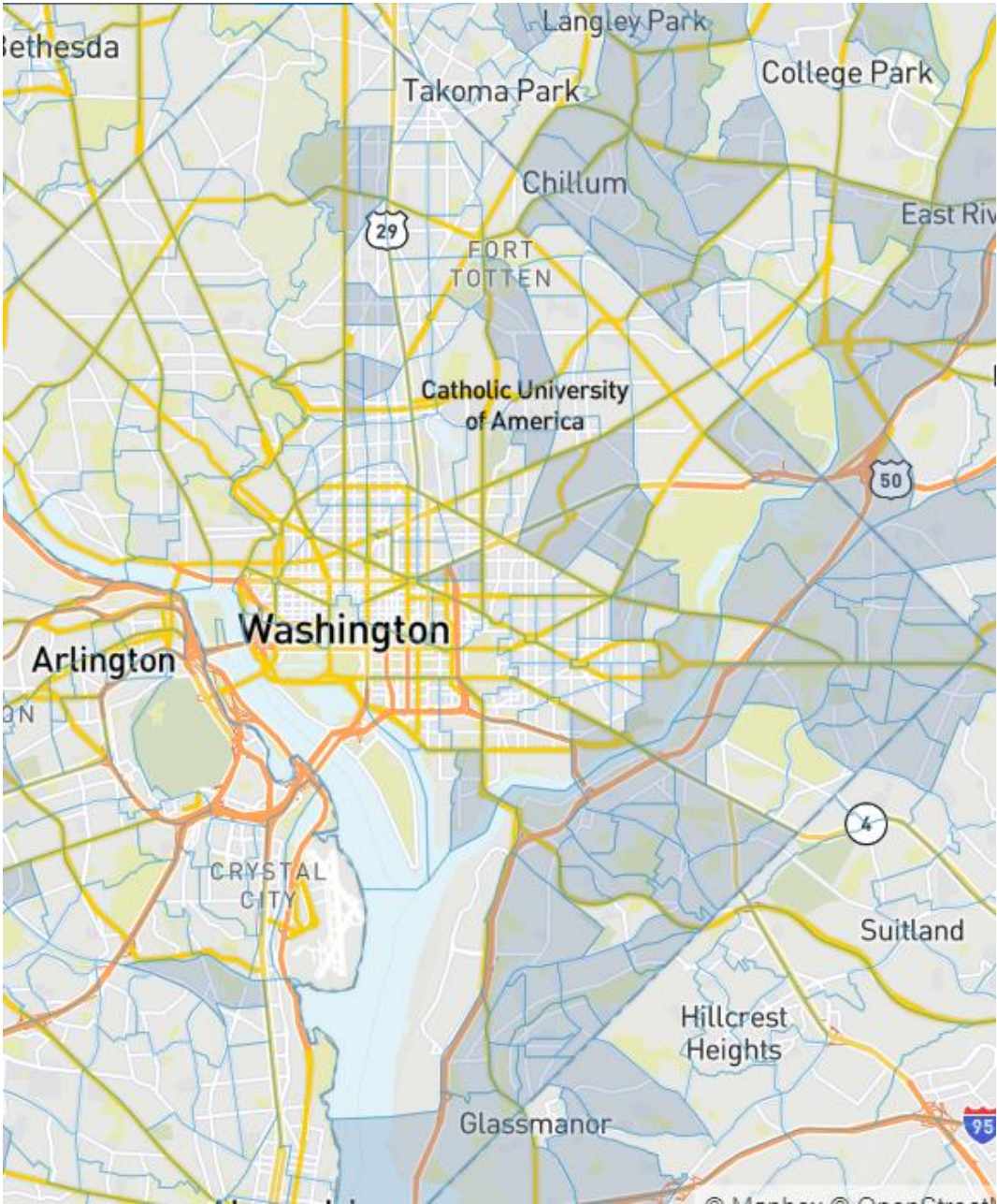
- Poll Question:

- Of the community benefits shown, which one would directly benefit **your life** most?

Environmental Justice

- Applications for CPRG implementation grants will be evaluated for benefits to low-income and disadvantaged communities
- EPA defines low-income and disadvantaged communities as any community that meets at least one of the following characteristics:
 - Any census tract that is included as disadvantaged in the Climate and Economic Justice Screening Tool (CEJST)
 - Any census block group that is at or above the 90th percentile for any of EJScreen's Supplemental Indexes when compared to the nation or relevant state

Climate EJ Screening Tool



- Poll Question:

- What resources would make EJ communities more **livable and resilient**, in your opinion?

CPRG Implementation Grant Competition

- **Competitive awards:** funding to implement GHG reduction measures *from PCAPs* developed under the planning phase.
 - April 1, 2024: Applications Due
- \$4.3B for general competition. EPA expects to award 30-115 grants ranging from \$2M - \$500M

CPRG Implementation Grant Competition

Key Criteria:

- **Must implement GHG reduction** policies, programs, projects **identified in a PCAP** developed under the CPRG planning grant.
- Applications must provide **benefits to low-income and disadvantaged communities, air pollution benefits, and be cost-effective.**

EPA anticipates grant applications for the following types of measures:

- New, independent GHG reduction measures funded by CPRG alone;
- Expansions of ongoing GHG reduction measures, funded partly by CPRG; and,
- New GHG reduction measures needing CPRG funding to complete total implementation

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Closing Questions + Discussion

- Poll: What climate-related issues have most impacted you and your community?
- Discussion: What ideas do you have to overcome climate-related issues? How could DOEE's climate projects help work towards positive change for your community?

Thank you

email: CPRG@DC.gov

website: doee.dc.gov/release/climate-pollution-reduction-grant