



**GEORGIA**  
DEPARTMENT OF NATURAL RESOURCES

ENVIRONMENTAL PROTECTION DIVISION

# Climate Pollution Reduction Grant

**Georgia EPD Air Protection Branch**

**February Stakeholder Meeting  
February 7, 2024**



# WELCOME!

The meeting will start in a few minutes...

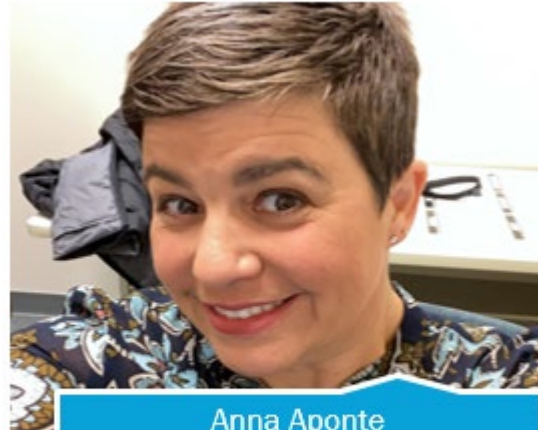
- Check and update your username
- Stay muted unless you are asking a question during the Q&A
- Please write your question in the Chat and we will address it either in the Q&A portion or post a response on our website after the presentation is done.
- To ask a question during this meeting, please wait until the Q&A portion and virtually raise your hand by using the Reactions menu at the bottom of the Zoom screen and select "Raise Hand." Once your hand is raised, we will call on you to ask your question.
- Slides and links to additional resources will be shared after the meeting with all meeting registrants.



# TODAY'S SPEAKERS



Claudette Ayanaba  
Engineer  
Georgia EPD



Anna Aponte  
Program Manager  
Georgia EPD



# PRIORITY CLIMATE ACTION PLAN (PCAP)



# Climate Pollution Reduction Grants (CPRG) Program

**2022 Inflation Reduction Act authorized creation of new, two-phase \$5 billion program:**

- 1. Planning grants** to develop strong climate pollution reduction strategies (\$250 M)
  - Program guidance for noncompetitive grants issued March 2023
- 2. Competitive implementation grants** to help put plans into action (\$4.6 B)
  - Notice of funding opportunity anticipated September 2023\*



# PROJECT OVERVIEW

GA EPD received a Climate Pollution Reduction Grant (CPRG) to develop a statewide climate action plan to reduce air pollution and support the transition to an equitable, clean energy economy.

- The current phase of work is focusing on the Priority Climate Action Plan, or PCAP, due on March 1, 2024.
- The applications for implementation grant funding are due shortly after, on April 1, 2024.

1

## Priority Climate Action Plan (PCAP) and Implementation Grant Application

- ▶ Near-term, high-priority, implementation-ready measures to reduce GHG emissions
- ▶ Due March 1, 2024

2

## Implementation Grant

- ▶ Application of measures
- ▶ Applications for funding from EPA due on April 1, 2024

## Comprehensive Climate Action Plan (CCAP)

3

- ▶ Near- and long-term GHG emission reduction goals, and prioritized measures to achieve goals
- ▶ Due June 1, 2025

## Status Report

4

- ▶ Implementation status of quantified measures included in the CCAP
- ▶ Due at the close of the grant period in summer-fall of 2027



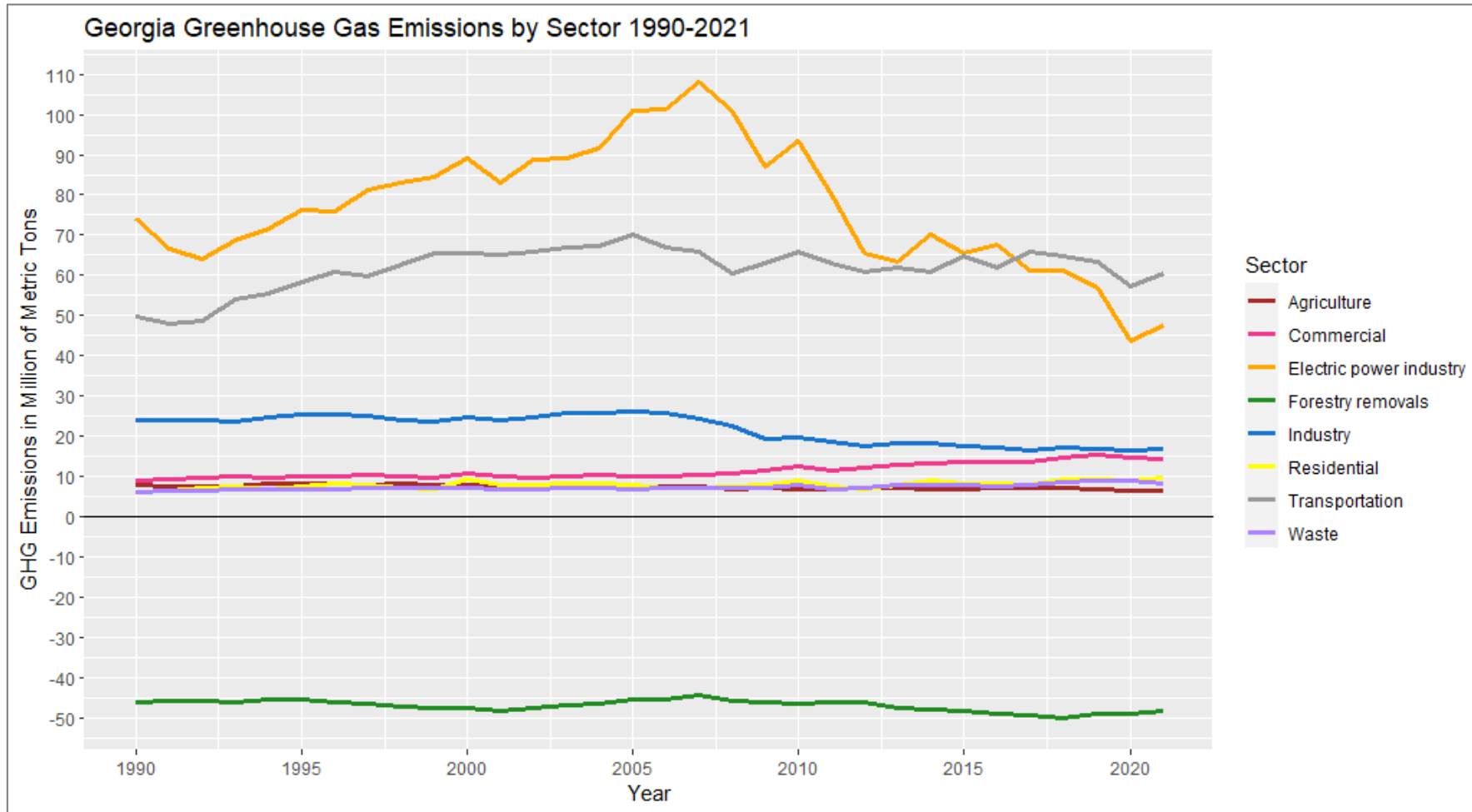
# DETAILED PCAP OVERVIEW

The tasks outlined below are inputs to the priority climate action plan due on March 1. Stakeholder engagement and intergovernmental coordination have been ongoing tasks through PCAP development.

Task	PCAP	Summary
1 GHG Inventory	Required	Drawdown GA has developed a statewide emissions inventory.
2 Quantified GHG Reduction Measures	Required (priority)	Develop a list of potential GHG reduction measures based on reduction potential, feasibility, policy compliance, need for funding, co-benefits, and other factors and model the emissions reduction potential of each measure included in the PCAP.
3 Benefits Analysis	Encouraged	Developing a base year inventory for co-pollutants and project co-pollutant changes resulting from the implementation of priority GHG reduction measures.
4 Low-Income and Disadvantaged Communities (LIDAC) Benefits Analysis	Required	Identifying potential benefits and disbenefits associated with GHG reduction measures for LIDACs and confirming the EPA's alignment with Justice40 requirements.
5 Review of Authority to Implement	Required	Considering and documenting authority to implement potential reduction measures and to pursue approval or collaboration from other entities as needed.
6 Intersection with Other Funding Availability	Encouraged	Considering other potential funding opportunities for reduction measures and incorporating analysis into PCAP and grant applications.
7 Workforce Planning Analysis	Encouraged	Performing an analysis of workforce strengths and weaknesses to support workforce expansion and development.



# GEORGIA'S GHG EMISSIONS PROFILE

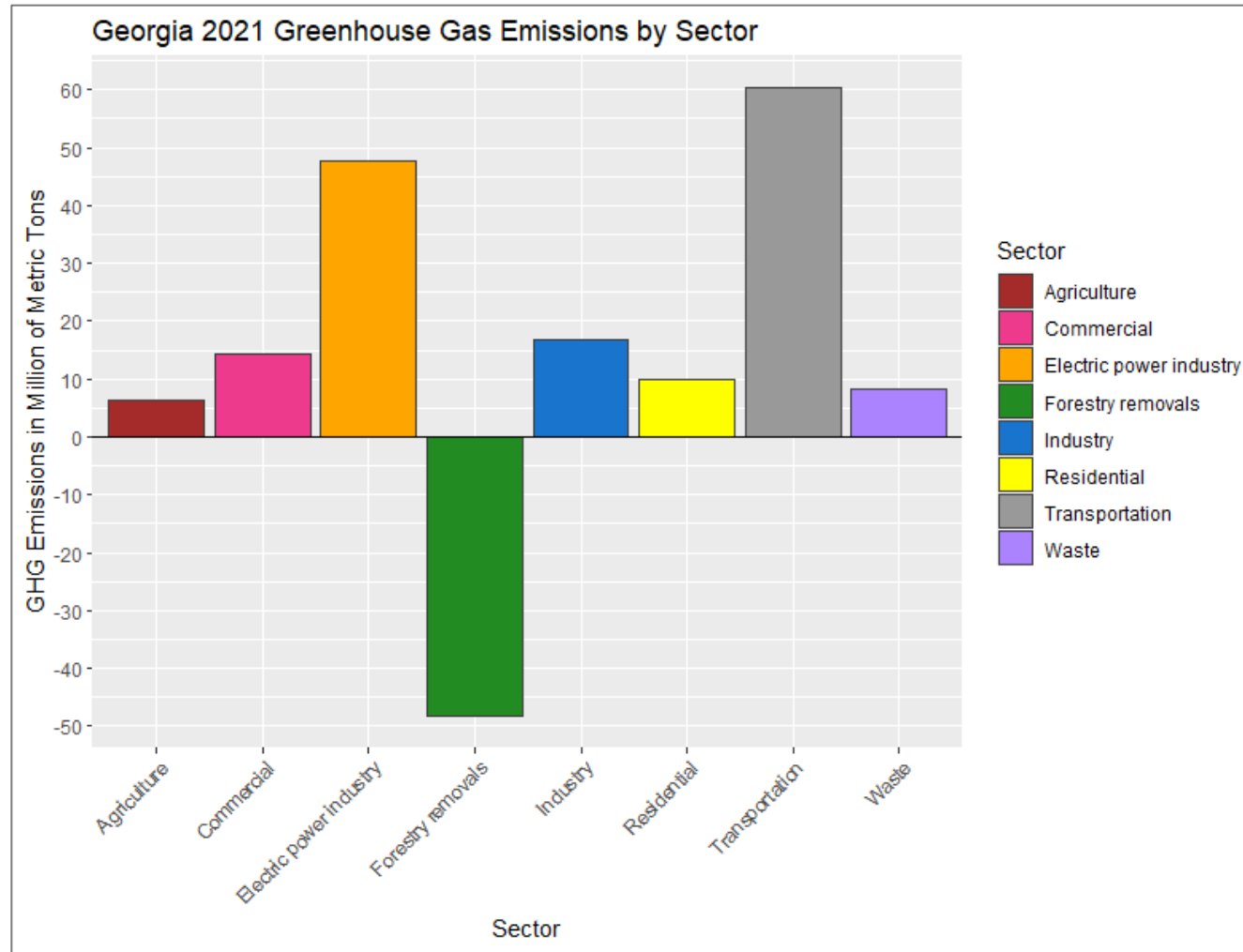


Sources: EPA State GHG Emissions and Removals and Georgia Tech Drawdown Georgia Project





# GEORGIA'S GHG EMISSIONS - 2021





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# MEASURE SELECTION AND PRIORITIZATION PROCESS

## 1. Developed initial list of topics and themes across multiple sectors.

- Input: Initial steering committee meeting convened in October.

## 3. Capture list of programs with interested stakeholders in Georgia

- Emission Reduction Measures Survey (ERMS) posted on EPD website from November to December 2023
- Received 70 responses

## 5. Refine specific framing of measures

- Met with intergovernmental, interagency, and public stakeholders on specific measures, plans, and data availability.
- Confirmed framing was sufficiently broad

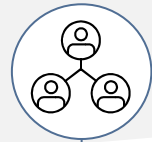
***We are here***

**Current state:**

- 7 overarching strategies
- 18 prioritized measures

**Objectives:**

- Validation of list of measures
- Agreement on language and framing of each measure
- Confirmation that measures enable implementation grant applications



## 2. Elicit initial public input

- Request for Info (RFI) posted on EPD website from August to December 2023
- Received 71 responses.

## 4. Develop priority list of PCAP measures that aligns to EPA criteria

- Desktop research including:
  - Data requirements for modeling
  - Existing program examples in other states
  - Co-benefit considerations

## 6. Confirm that measures align with public priorities

- Confirming that measures align with public priorities
- Public survey posted on EPD website until 1/26
- Received 505 responses



# PRIORITY STRATEGIES

The 18 priority emission reduction measures fall under the following 7 higher-level strategies:



Electrify transportation sector and adapt to mode shift

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Improve waste diversion and landfill management

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Improve energy efficiency and expand electrification

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Promote use of alternative fuels

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Increase availability and use of renewable energy



Refrigerant management



Advance conservation and sustainable land use

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# DRAFT PRIORITY REDUCTION MEASURES

Strategy	Measures
<b>1. Electrify transportation sector and adapt to mode shift</b>	1.1 Zero-emission buses
	1.2 Expansion of EV charging infrastructure
	1.3 Reducing vehicle miles traveled through shifting out of cars and onto bikes
	1.4 ZEV fleet deployment
<b>2. Improve energy efficiency and advance electrification</b>	2.1 Weatherization for residential buildings
	2.2 Home energy rebates for the purchase of electric and energy efficient products
<b>3. Increase availability and use of renewable energy</b>	3.1 Community solar
	3.2 Distributed renewable energy for electric co-ops and municipal utilities
<b>4. Improve waste diversion and landfill management</b>	4.1 Landfill gas management and utilization
	4.2 Organic waste diversion from landfills
	4.3 Expand recycling
<b>5. Promote use of alternative fuels</b>	5.1 Expansion of hydrogen refueling stations (HRS)
	5.2 Sustainable aviation fuel (SAF) production
	5.3 Renewable natural gas (RNG) production from biodigesters
<b>6. Refrigerant management</b>	6.1 Management of F-gas leakage and replacement of equipment
<b>7. Advance conservation and sustainable land use</b>	7.1 Afforestation of temperate forests
	7.2 Increase carbon sequestration and resilience through coastal and waterway conservation and restoration
	7.3 Improving cropland and soil management



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# PCAP ELEMENTS:

## BENEFITS ANALYSIS, AUTHORITY TO IMPLEMENT, WORKFORCE PLANNING ANALYSIS



### Benefits Analysis

- Quantify estimates of co-pollutant reductions (e.g., PM2.5, NOx, SO2, VOCs, air toxics, etc.) and/or other benefits associated with GHG reduction measures.
- Include both base year estimates of co-pollutants (including criteria pollutants/ precursors and air toxics) and anticipated co-pollutant emission reductions as plan measures are implemented and GHG reduction goals are met.
  - *Note: other benefits (GHG reductions, LIDAC benefits are included in other sections)*



### Authority to Implement

- Conduct an analysis of workforce development activities, if any, that are needed to implement the priority measures included in the PCAP.
- Identify for each measure whether the relevant state or local governments already have existing statutory or regulatory authority to implement the measure, or whether such authority still must be obtained.



### Workforce Planning Analysis

- Conduct an analysis of workforce development activities, if any, that are needed to implement the priority measures included in the PCAP.
- Describe how activities or policies will lead to the creation of high-quality jobs.



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# BENEFITS ANALYSES: LOW-INCOME AND DISADVANTAGED COMMUNITIES

## Step 1: Identify Communities

- [Climate and Economic Justice Screening Tool](#)
- [Environmental Justice Screening and Mapping Tool](#)

## Step 2: Engage with Communities

- Develop state-wide outreach
- Public Survey

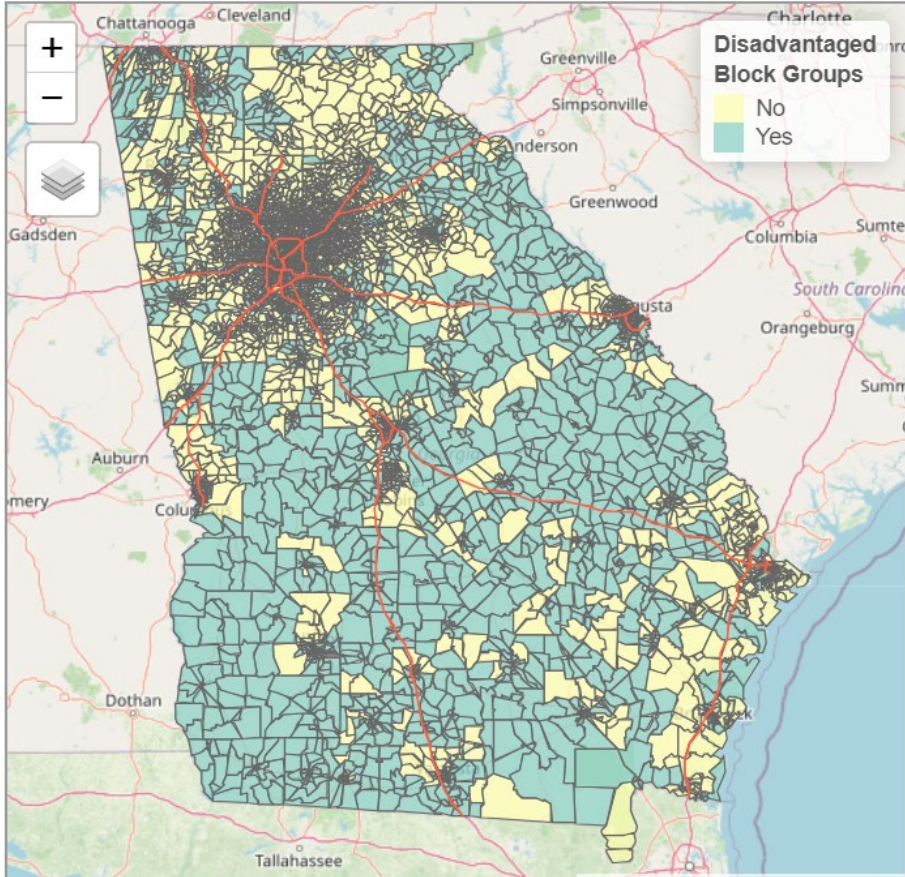
## Step 3: Qualitative Discussion

- What are Georgia's disadvantaged communities vulnerable to?
- Extreme heat, flooding, drought?
- How will reductions help or harm?

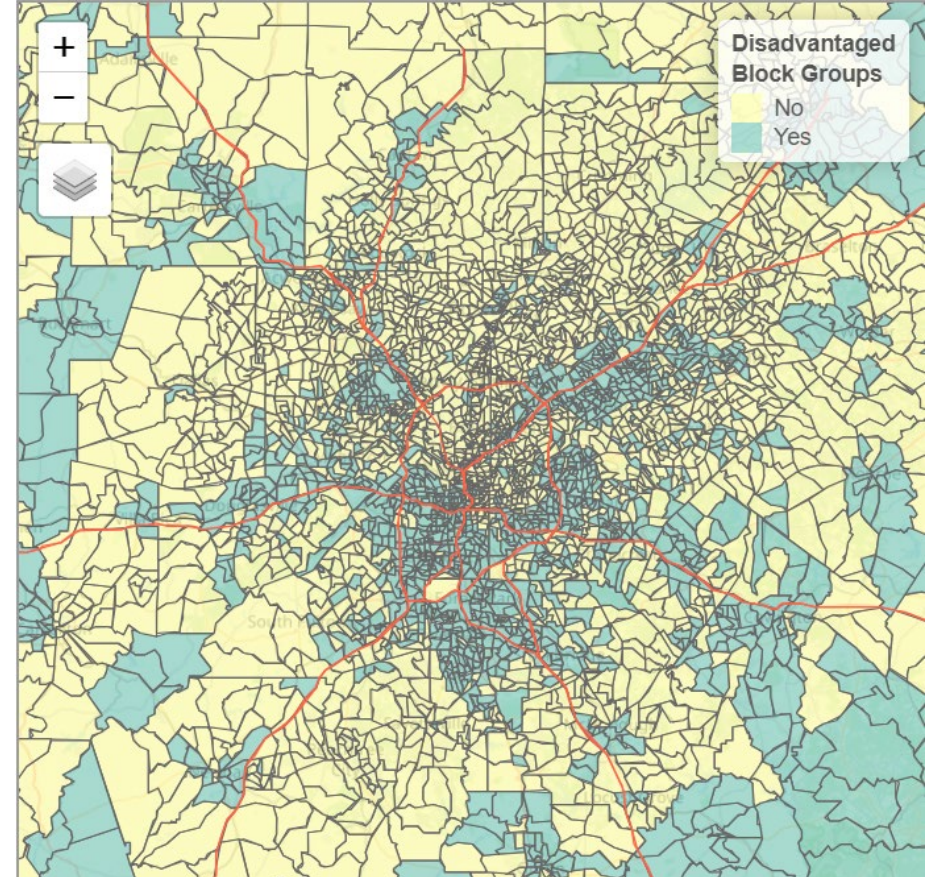


# STEP 1: IDENTIFY LOW INCOME DISADVANTAGED COMMUNITIES

## LIDAC Disadvantaged Communities by Block Group – Georgia



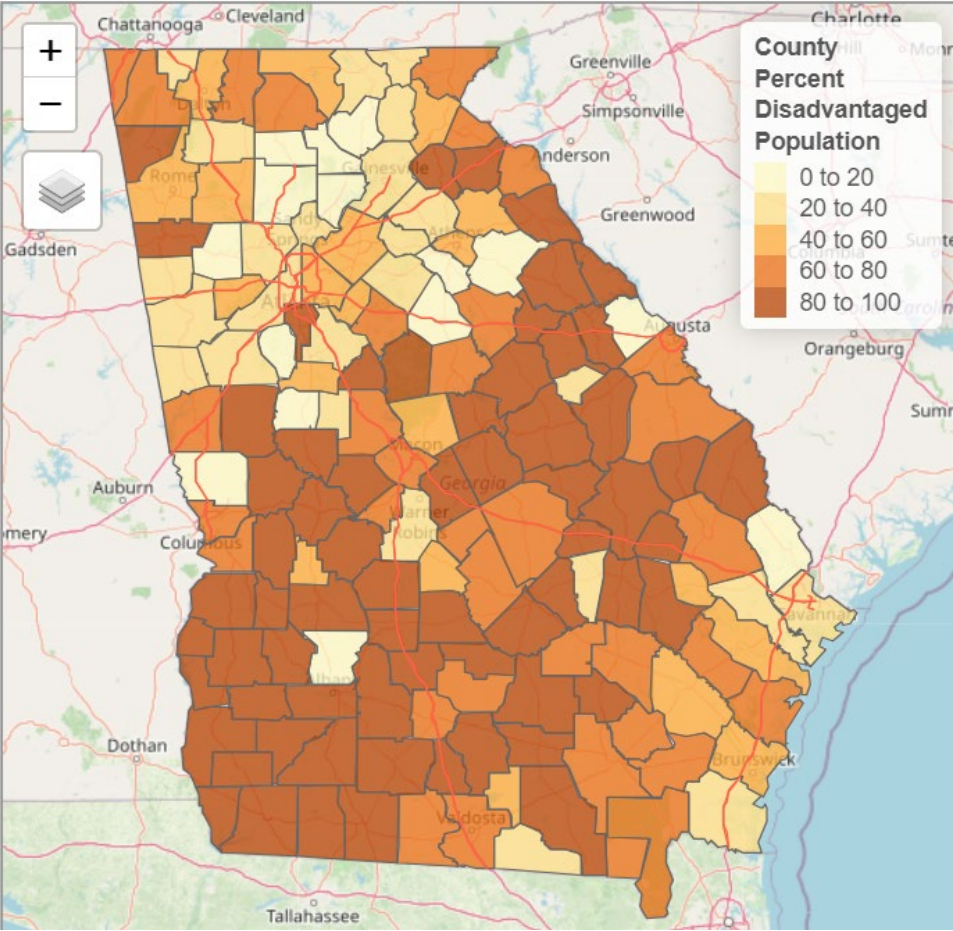
## LIDAC Disadvantaged Communities by Block Group – Atlanta MSA





# STEP 1: IDENTIFY LOW INCOME DISADVANTAGED COMMUNITIES

## LIDAC Disadvantaged Communities by County- Georgia





# STEP 2: ENGAGE WITH LOW INCOME DISADVANTAGED COMMUNITIES

We want to hear from you

Click here to take our brief survey!

Survey

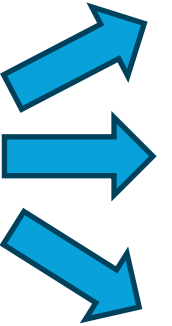
Dear Georgia Resident,

We are reaching out to invite you to participate in an important survey that gathers feedback from residents statewide about a more sustainable future for the State of Georgia. With your help, we aim to identify your priorities, address your concerns, and pave the way that can strengthen our clean energy economy, enhance workforce training opportunities, and effectively reduce greenhouse gases.

This survey will only take a few moments of your time, but your feedback will make a huge difference.

For more information about Georgia's environmental planning and opportunities to participate, check our [website](#).

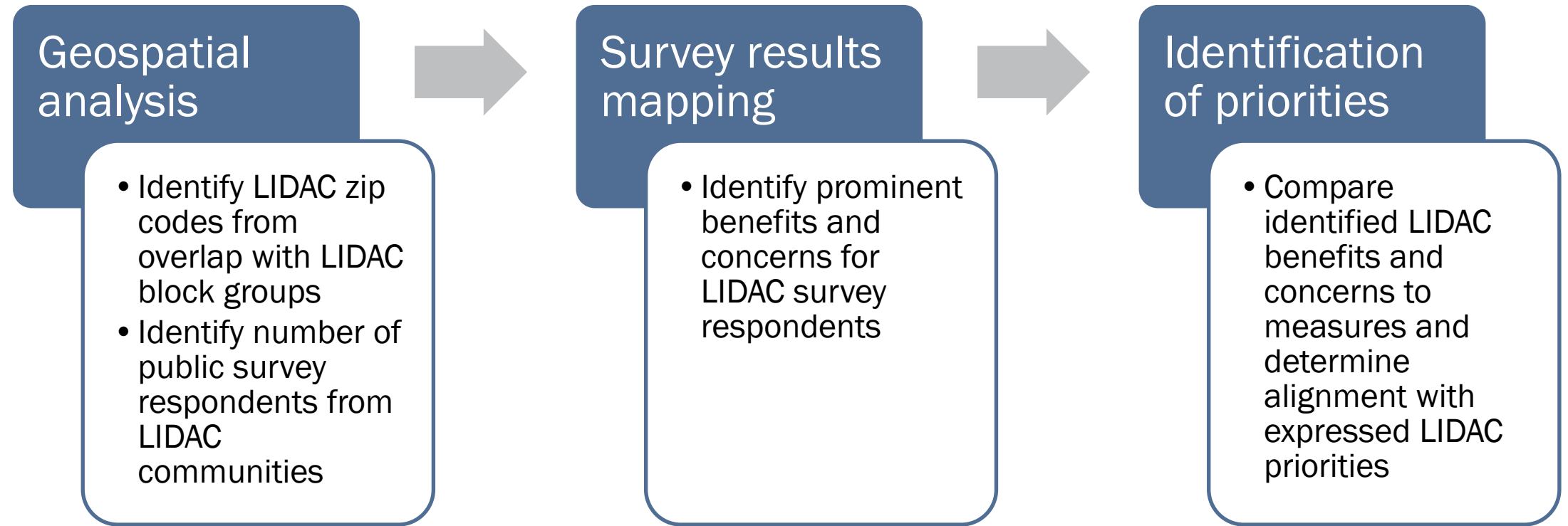
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## STEP 3: LOW INCOME AND DISADVANTAGED (LIDAC) BENEFITS ANALYSIS

Examples of community benefits from GHG reduction measures include but are not limited to: co-pollutant emission reductions (e.g., criteria air pollutants and air toxics), increased climate resilience, improved access to services and amenities, jobs created and workforce development, and decreased energy costs from energy efficiency improvements.





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# INTERSECTION WITH OTHER FUNDING AVAILABILITY

CPRG is one mechanism among the billions of dollars in grants, credits, and incentives the federal government is offering to fund the energy transition. We have compiled over 15 sources of funding that align with GA's priority emission reduction measures.

*Example programs:*



DOT program: National Electric Vehicle Infrastructure (NEVI) Formula Program  
*GA priority Area: Expansion of EV Charging Infrastructure*

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DOE program: Home Energy Rebates and Home Electrification and Appliance Programs  
*GA Priority Area: Home Energy Rebates for the purchase of electric and energy efficient products.*

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EPA program: Greenhouse Gas Reduction Fund's Solar for All  
*GA Priority Area: Community Solar*



# Implementation Grant Competition





# IMPLEMENTATION GRANT COMPETITION

## Important dates

- Optional Notice of Intent to Apply due **Feb. 1, 2024**
- PCAP due **Mar. 1, 2024**
- Application for one-time funding due **Apr. 1, 2024**

## Notable features

- Measures on applications must be included in a PCAP
- Evaluation rubric, 250 total points distributed among:
  - Overall Project Summary and Approach (45)
  - *Impact of GHG Reduction Measures* (60)
  - Environmental Results (30)
  - LIDAC Benefits (35)
  - Job Quality (5)
  - Programmatic Capability and Past Performance (30)
  - Budget (45)

## Award Tiers

Grant Range	Total Funds	Awards
\$200M-\$500M	\$2B	4-10
\$100M-\$199M	\$1.3B	6-13
\$50M-\$99M	\$0.6B	6-12
\$10M-\$50M	\$0.3B	6-30
\$2M-\$9.99M	\$0.1B	10-50



## THINKING OF APPLYING?



If you have not already:



Submit an email to [georgia.cprg@dnr.ga.gov](mailto:georgia.cprg@dnr.ga.gov) with the following information:

- Lead applicant organization
- Anticipated amount of funding request
- Description of GHG reduction measures and sectors
- List of application partners

EPA says:



All applicants must have an active [SAM.gov](https://sam.gov) and [Grants.gov](https://grants.gov) registration in order to apply for a grant under this program. You should register in these systems now if you think you may apply for a federal grant.

The process can take a month or more for new registrants. [Information about how to register.](#)



# THINKING OF APPLYING?

Interested in a coalition for the following Atlanta Regional Commission measures?

**Incentivize E-Bikes**

**Convert Fleets to Electric Vehicles**

Submit an email to [climate@atlantaregional.org](mailto:climate@atlantaregional.org) with the following information:

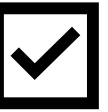
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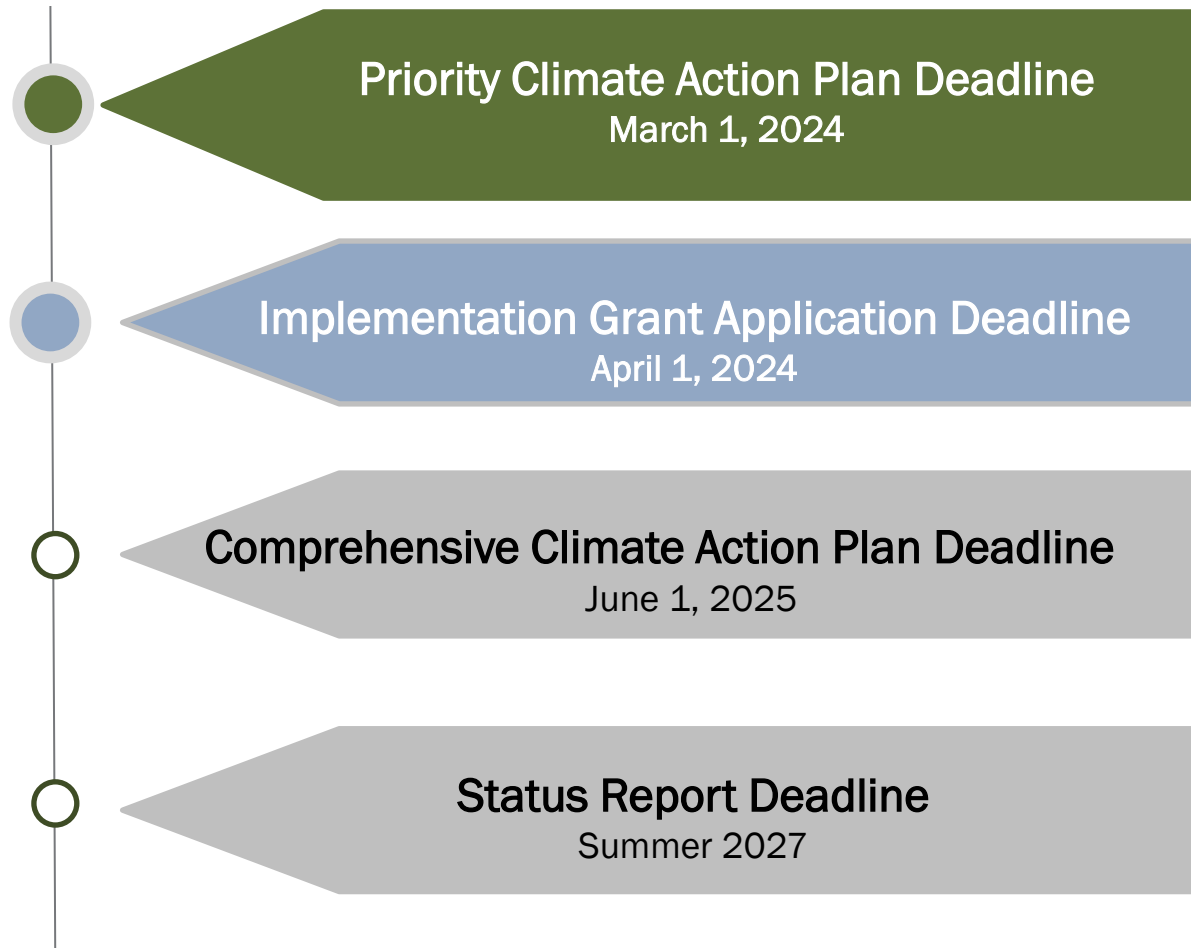


Resource	Link
Frequently Asked Questions	<a href="#">About CPRG Implementation Grants   US EPA</a>
General Competition Overview	<a href="https://www.youtube.com/watch?v=0i9BZ_9Z4o8">https://www.youtube.com/watch?v=0i9BZ_9Z4o8</a>
Notice of Funding Opportunity Revisions, Frequently Asked Questions, and Budgeting	<a href="https://youtu.be/im6cpVlspnc">https://youtu.be/im6cpVlspnc</a>
Documentation of GHG Reduction Assumptions	<a href="https://youtu.be/FHLP-tJWgpc">https://youtu.be/FHLP-tJWgpc</a>
Getting Ready to Apply for the CPRG Implementation Grants General Competition	<a href="https://youtu.be/Q3UpBI7zFCM">https://youtu.be/Q3UpBI7zFCM</a>





# UPCOMING DEADLINES





# Contact Information



# STAY CONNECTED

EPD Updates



EPD CPRG Website



ARC Website



[https://public.govdelivery.com/accounts/GADNR/subscriber/new?topic\\_id=GADNR\\_773](https://public.govdelivery.com/accounts/GADNR/subscriber/new?topic_id=GADNR_773)  
<https://epd.georgia.gov/georgia-climate-pollution-reduction-grant>  
[Climate Pollution Reduction Grant – Climate Action Planning for the 29-county Atlanta MSA - ARC \(atlantaregional.org\)](#)



## CONTACT US

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Environmental  
Protection  
Division  
Contact

[georgia.cprg@dnr.ga.gov](mailto:georgia.cprg@dnr.ga.gov)

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Atlanta  
Regional  
Commission  
Contact

[climate@atlantaregional.org](mailto:climate@atlantaregional.org)

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Q&A

