



GEORGIA
DEPARTMENT OF NATURAL RESOURCES

ENVIRONMENTAL PROTECTION DIVISION

Climate Pollution Reduction Grant Information Session

Georgia EPD Air Protection Branch

CPRG Information Session
November 2, 2023



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 questions 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



AGENDA

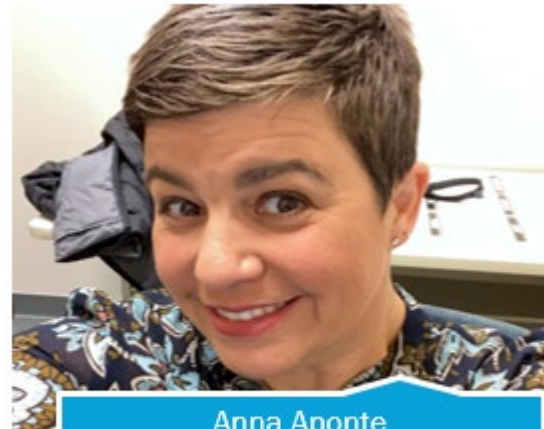
10:00-10:05	Zoom Housekeeping	Eleanor Partington Service Climatologist
10:05-10:10	Welcome & Introductions	James Boylan Air Protection Branch Chief
10:10-10:20	CPRG Phase 1 Review	Claudette Ayanaba Environmental Engineer
10:20-10:35	Phase 2 Overview	Claudette Ayanaba Environmental Engineer
10:35-10:45	How to Get Involved	Anna Aponte Planning & Regulatory Development Unit Manager
10:45-11:15	Q&A	Anna Aponte Planning & Regulatory Development Unit Manager
11:15-11:20	Closing Remarks	Anna Aponte Planning & Regulatory Development Unit Manager



TODAY'S SPEAKERS



Claudette Ayanaba
Engineer
Georgia EPD



Anna Aponte
Program Manager
Georgia EPD



Review of Phase 1 Priority Climate Action Plan (PCAP)



Climate Pollution Reduction Grants (CPRG) Program

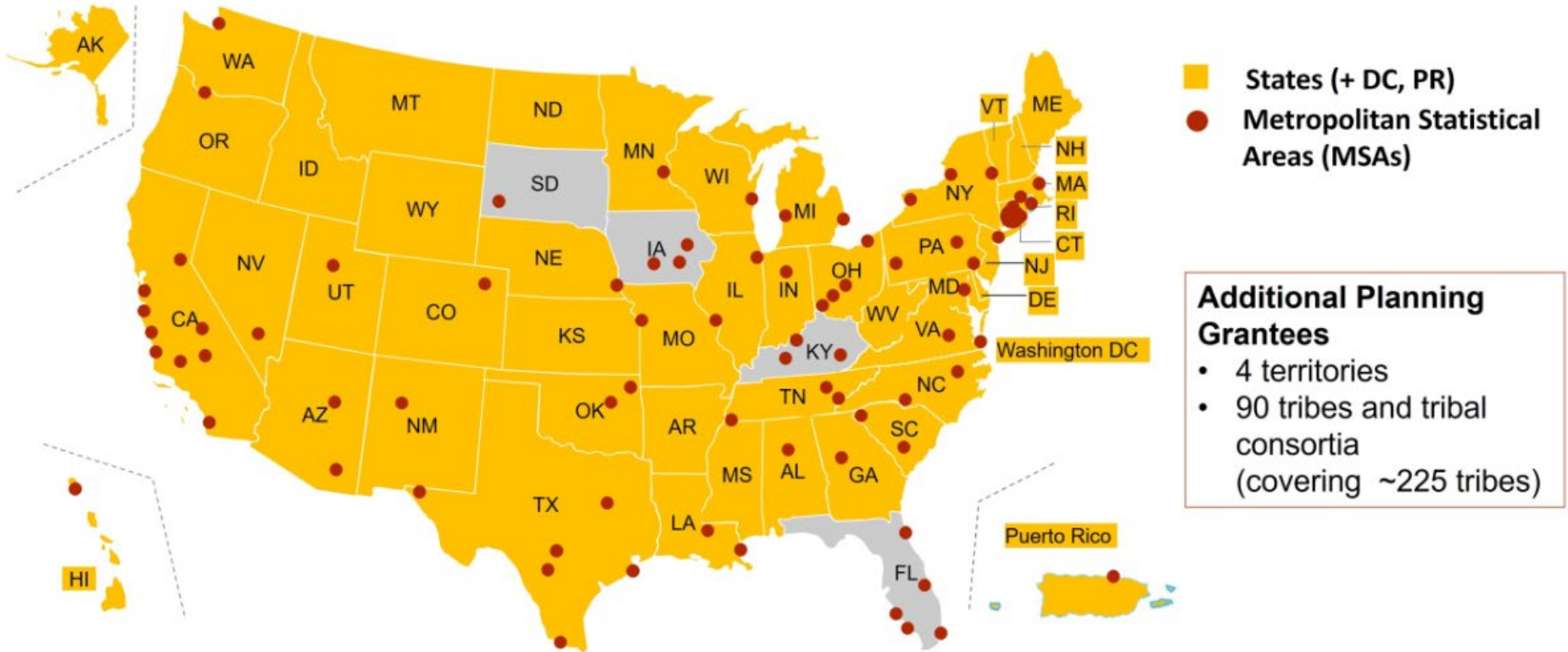
2022 Inflation Reduction Act authorized creation of new, two-phase \$5 billion program:

- 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^{*}

* [Phase 2: Implementation Grants](#) released on September 21.



PLANNING GRANTS: FINAL DISTRIBUTION





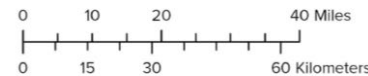
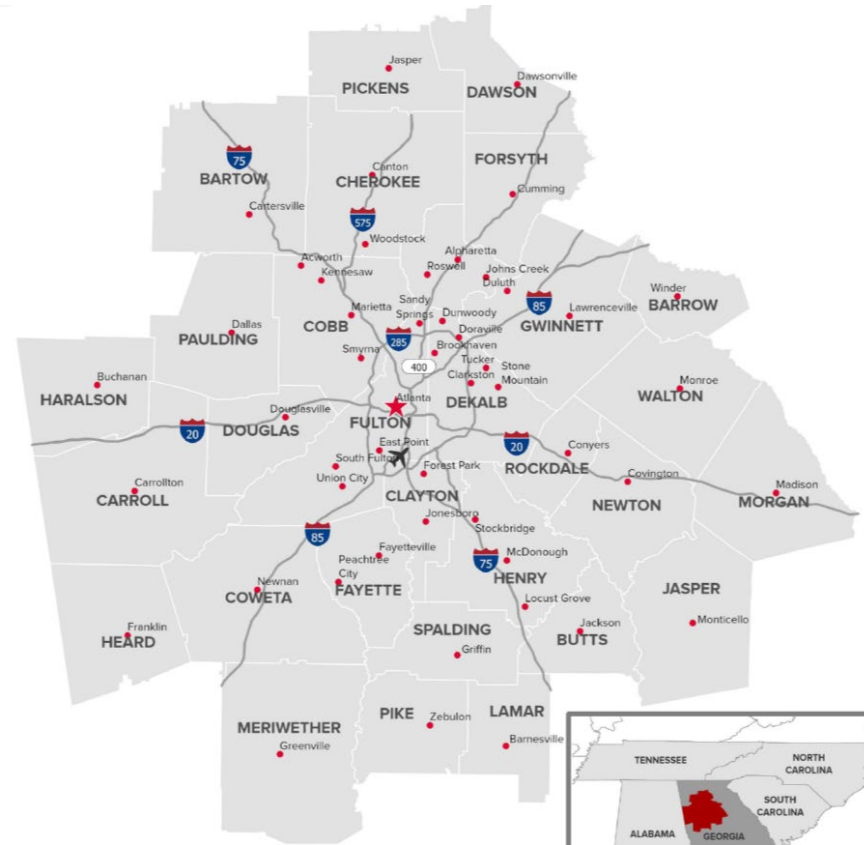
CPRG PLANNING FOR THE ATLANTA MSA



Atlanta Regional Commission

Lead agency for Atlanta MSA CPRG

- 29 counties
- 150 cities
- 57% of Georgia's population





One planning grant, three deliverables over 4 years



Priority Climate Action Plan (PCAP)

- States/MSAs: due **March 1, 2024**
- Tribe/territory: due **April 1, 2024**
- Near-term, implementation-ready, **priority greenhouse gas (GHG) reduction measures**
- **Prerequisite** for eligible entities in the area covered by the plan to apply for implementation grants



Comprehensive Climate Action Plan (CCAP)

- Due in **2025, 2 years after award** (later for tribes and territories)
- **Address all sectors** and significant GHG sources/sinks
- **Near- and long-term** GHG emission reduction goals and **strategies**



Status Report

- Due in **2027** (N/A for tribes or territories)
- **Updated** analyses and plans
- **Progress and next steps** for key metrics



GA PCAP + IMPLEMENTATION GRANT TIMELINE

Planning Meetings
June - Dec



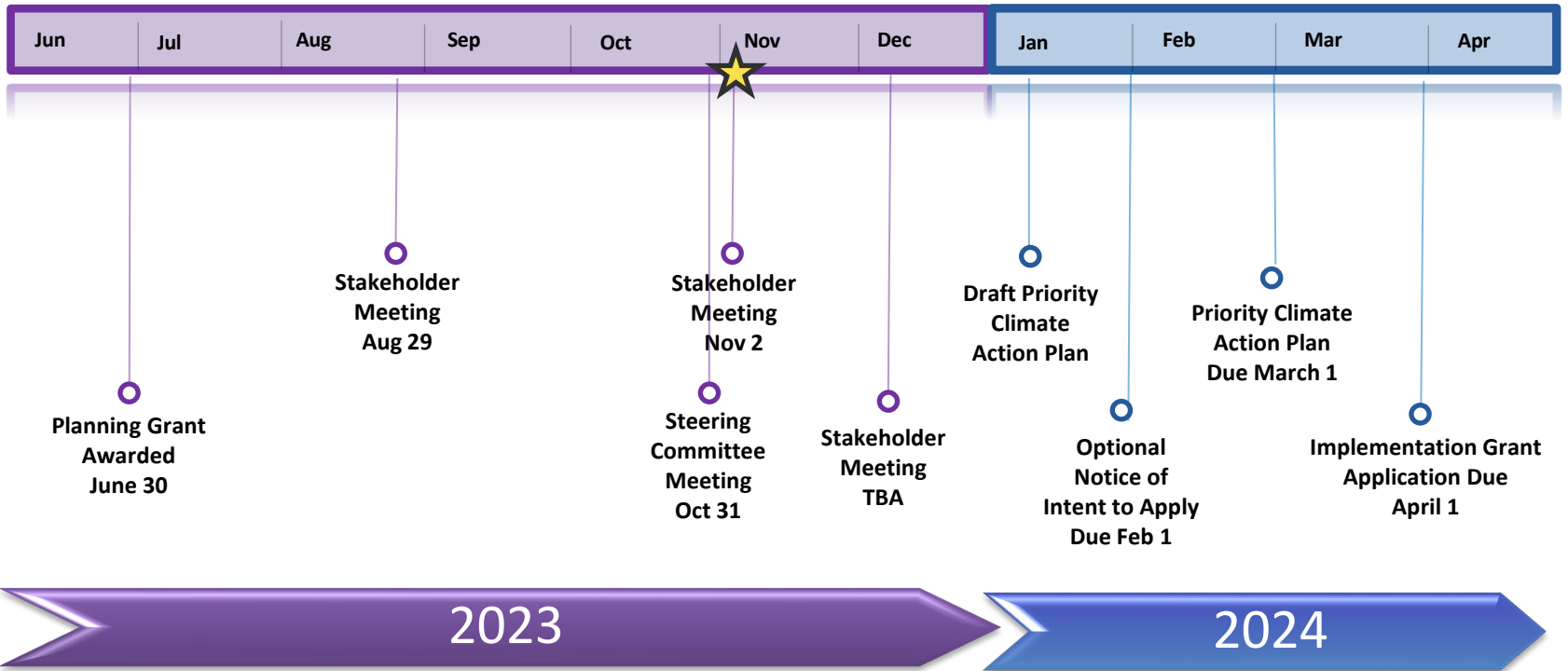
Stakeholder Engagement
Aug - Dec



Develop Strategy
Oct - Dec



Draft PCAP
Oct - Feb





MEANINGFUL ENGAGEMENT



Public

- information sharing meetings
- provide opportunities for input



Low-Income & Disadvantaged Communities Analysis

- create committee of community representatives
- identify needs and opportunities



Other Agencies

- Steering Committee (GDOT, GDEcD, GEFA, EPD, SRTA/GRTA/ATL,)*
- partner meetings with state agencies, cities, counties
- stakeholder meetings with MSA's



Key Sectors

- partner meetings
- provide opportunities for input

* GDOT – Georgia Department of Transportation
 GDEcD – Georgia Department of Economic Development
 GEFA – Georgia Environmental Finance Authority
 EPD – Georgia Environmental Protection Division
 SRTA/GRTA/ATL – State Road & Tollway Authority/Georgia Regional Transportation Authority/Atlanta-Region Transit Link Authority



Phase 2 – Implementation Grants



PCAP PHASES

Phase 1 PCAP

- Priority Climate Action Plan
- Open to lead agency that received planning grants

Phase 2 Grant Applications

- Implementation Grant Competition
- Open to state and territorial agencies, municipalities, air pollution control agencies, tribes/tribal consortia and coalitions thereof



HOW ARE PHASE 1 AND PHASE 2 CONNECTED?

Phase 1 PCAP

List of Measures in PCAP

Phase 2 Grant Applications

Applicant Projects

Applicant Programs

Applicant Policies



Notice of Funding Opportunity (NOFO)

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



Eligible Applicants – General Competition



State and territorial agencies, municipalities, air pollution control agencies, tribes/tribal consortia, and coalitions thereof.

Individual applicant

- Single entity leading design and implementation of the measures.

Coalition

- Two or more eligible applicants with strong and substantial commitment such that withdrawal by one member would fundamentally alter project outcomes.
- Coalition applications must include a Memorandum of Agreement (MOA) signed by all coalition partners demonstrating mutual commitment to project.



Application Limits

An eligible applicant may:

- Submit one application as individual applicant; and
- Submit one application as lead applicant for a coalition; and
- Serve as a coalition partner on multiple applications.

EPA will not award CPRG implementation grants for the same measure in the same location.

- Entities should communicate and coordinate prior to submitting their application.

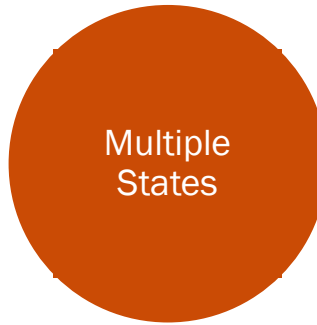


APPLICANT TYPES

Individual applicant

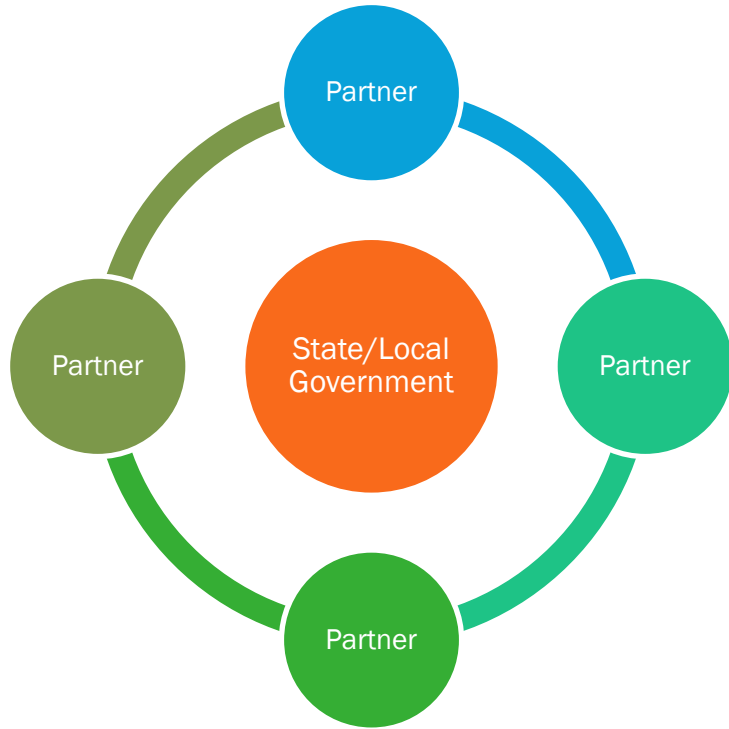


Coalitions





APPLICANT TYPES



One applicant + Partners

Coalition + Partners



Partner: private company, university/college, NGO, etc.



Types of GHG Reduction Measures

Applications may include multiple measures across one or more sectors.

EPA anticipates applications may seek funding for the following types of measures:

- A new, stand-alone GHG reduction measure that will be implemented solely through CPRG funding;
- An expansion of a GHG reduction measure that is already being implemented, where the expansion of the measure will be funded through CPRG funding; and,
- A new GHG reduction measure for which the applicant has already secured partial funding and needs additional funding from the CPRG program to secure the total funding needed to fully implement the measure.



DESCRIPTION OF REDUCTION MEASURES

- **For each measure describe:**
 - Major features, Tasks, Milestones
 - Associated underlying assumptions/risks
 - Explanation of priority
 - How each measure will meet CPRG goals
- **Performance metrics**
- **Explanation of how measures relate to measures in PCAP**
- **Coalitions describe roles/responsibilities**

*Keeping in mind that workplan cannot exceed **25 pages***



EVALUATION CRITERIA

Evaluation Criteria Summary – General Competition



EVALUATION CRITERIA SUMMARY	POINTS	
1. Overall Summary and Approach	45	←
2. Impact of GHG Reduction Measures	60	←
3. Environmental Results - Outputs, Outcomes, and Performance Measures	30	
4. Low-Income and Disadvantaged Communities	35	
5. Job Quality	5	
6. Programmatic Capability and Past Performance	30	
7. Budget	45	←
TOTAL	250	

Evaluation criteria breakdown by section found in [Notice of Funding Opportunity](#)



HIGHLY WEIGHTED EVALUATION CRITERIA

- Description of GHG Reduction Measures
- Cumulative GHG Reductions from 2025 through 2030
- LIDAC Benefits
- Budget Detail





KEY DATES

September 20, 2023	NOFO: REQUEST FOR APPLICATIONS ISSUANCE
February 1, 2024	OPTIONAL NOTICE OF INTENT TO APPLY IS DUE
March 15, 2024	DEADLINE FOR SUBMITTING QUESTIONS
April 1, 2024	NOFO CLOSURES – APPLICATIONS DUE BY 11:59 PM (ET)
July 2024	ANTICIPATED NOTIFICATION OF FUNDING SELECTION
October 2024	ANTICIPATED AWARD



How to Get Involved



HOW CAN YOU BE INVOLVED WITH PHASE 1 (PCAP)?

Proposal should have:

- Reduction measure(s) that include one or more CPRG key sectors
- Amount of CO₂e reduction (carbon sink, if applicable) for each measure
- Government as a lead or partner (agreement or MOU)

Proposal nice to have:

- Low-Income and Disadvantaged Community (LIDAC) analysis
- Workforce development analysis
- Criteria air pollutant reduction analysis



RENEWABLE NATURAL GAS (RNG) EXAMPLE

Measure/Program Description

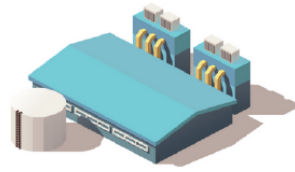
RENEWABLE NATURAL GAS (RNG)



1

Feedstock Source

RNG is derived from the decomposition of organic waste, such as litter. As poultry litter is broken down, it releases methane, nitrous oxide and other harmful greenhouse gases.



2

Anaerobic Digestion

To mitigate these gases from being released into the atmosphere and produce RNG, poultry litter is loaded into an anaerobic digester. Inside the digester, poultry litter undergoes a gradual fermentation process resulting in biogas being captured.



3

Gas Upgrading System

Biogas, primarily composed of methane and carbon dioxide, is processed through a gas upgrading system where it is cleaned and purified into pipeline-quality RNG.

4

End User Products

Digestate

The material that is left after anaerobic digestion happens is called "digestate." Digestate is a wet mixture that is rich in nutrients and can be used as fertilizer for crops.



RNG

As a carbon-negative source, RNG is compatible with conventional natural gas and can be injected into the existing pipeline infrastructure to be used for transportation fuel, electricity and heat generation and more.





RENEWABLE NATURAL GAS (RNG) EXAMPLE

Measure/Program Designs and Considerations

- RNG is carbon negative
- Clean the methane which is 20 times more potent than CO₂
- Up to 382% GHG reduction compared to diesel
- Scalable Technology



RENEWABLE NATURAL GAS (RNG) EXAMPLE

Measure/Program Examples

- Georgia is 4th in potential in the nation
- Dairy Farms
- Chicken Processing Plants



HOW CAN YOU BE INVOLVED WITH PHASE 2?

talk to your local
government

form coalitions

get familiar with
NOFO*

submit your
plans to
EPD/ARC

coordinate with
other applicants
(prevent overlap)

*Notice of Funding Opportunity (NOFO)



NEW SURVEY

Emission Reductions Measure Survey





STAY CONNECTED

EPD Survey



EPD Updates



EPD CPRG Website



ARC Survey





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Q&A

