

Climate Pollution Reduction Grant

Georgia EPD Air Protection Branch

**Stakeholder Meeting
June 26, 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
- Closed Caption is available
- 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



TODAY'S AGENDA

1. Peach State Voluntary Emission Reduction Plan Overview

2. Implementation Grant Applications

3. Other Federal Funding Opportunities

4. Next Steps

Comprehensive Plan

LIDAC Committee Overview



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 Comprehensive Climate Action Plan, or CCAP, due on June 1, 2025.

1

Priority Climate Action Plan (Peach State Plan)

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

2

Implementation Grant

- ▶ Application of measures
- ▶ Applications due 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



Peach State Voluntary Emission Reduction Plan

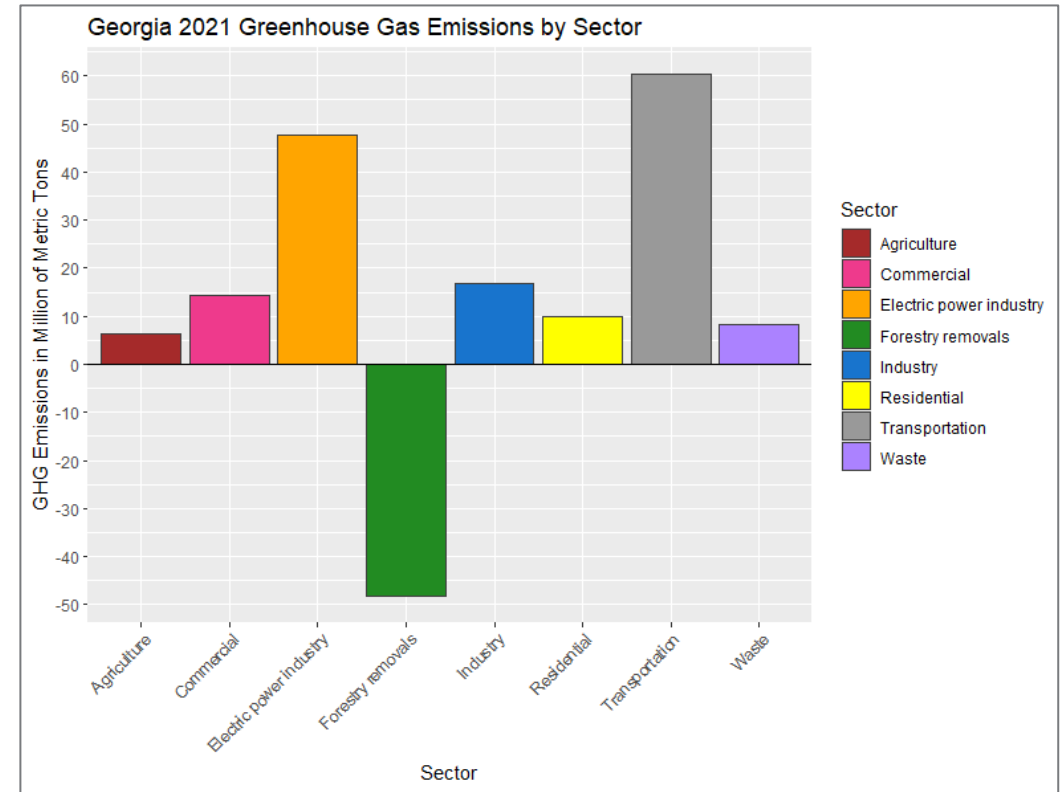
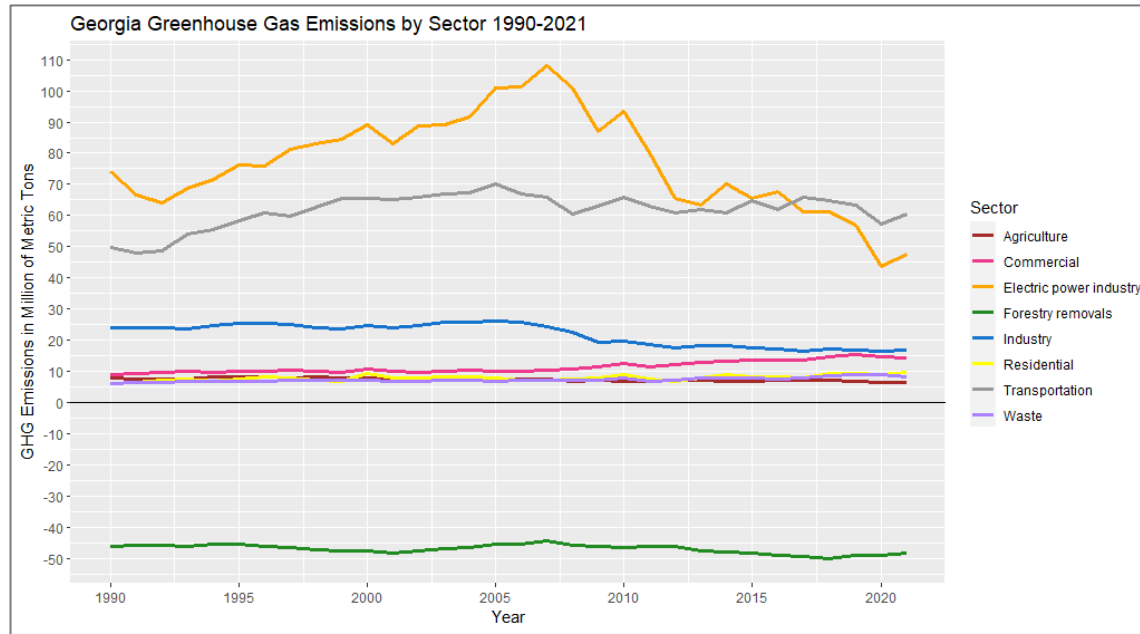


PEACH STATE VOLUNTARY EMISSION REDUCTION PLAN OVERVIEW

Task	Summary
1 GHG Inventory	Built on Drawdown GA statewide emissions inventory.
2 Quantified GHG Reduction Measures	Developed 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	Developed 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	Identified LIDAC block groups and potential benefits associated with GHG reduction measures for LIDACs.
5 Review of Authority to Implement	Documented authority to implement potential reduction measures and to pursue approval or collaboration from other entities as needed.
6 Intersection with Other Funding Availability	Included other potential funding opportunities for reduction measures and incorporating analysis into PCAP and grant applications.




PSVERP OVERVIEW






PRIORITY REDUCTION MEASURES

Strategy	Measures
1. Electrify transportation sector and adapt to consumer mode shift	1.1 Zero-emission buses
	1.2 Electric vehicle charging infrastructure
	1.3 Bikes and bike infrastructure
	1.4 Zero-emission fleet deployment
	1.5 Manufacturing of raw materials and intermediate and finished products to support EV uptake
2. Improve energy efficiency and promote electrification	2.1 Weatherization for residential buildings
	2.2 Home energy rebates for the purchase of electric and energy efficient products
	2.3 Incentive programs for implementation of end-use energy efficiency measures in commercial buildings
	2.4 Incentive programs for the purchase of certified energy-efficient lighting in commercial and industrial buildings, as well as streetlights
3. Increase availability and use of renewable energy	3.1 Transmission and distribution upgrades
	3.2 Increase renewable energy
4. Improve waste diversion and landfill management	4.1 Landfill gas management and utilization
	4.2 Organic waste diversion from landfills
	4.3 Recycling
5. Promote use of alternative fuels	5.1 Hydrogen refueling stations (HRS)
	5.2 Sustainable aviation fuel (SAF) production
	5.3 Renewable natural gas (RNG) production from biodigesters
6. Refrigerant management	6.1 Management of fluorinated (F-gas) leakage and replacement of equipment
7. Advance conservation and sustainable land use	7.1 Afforestation and reforestation
	7.2 Cropland and soil management improvements and conservation
	7.3 Coastal and waterway conservation and restoration

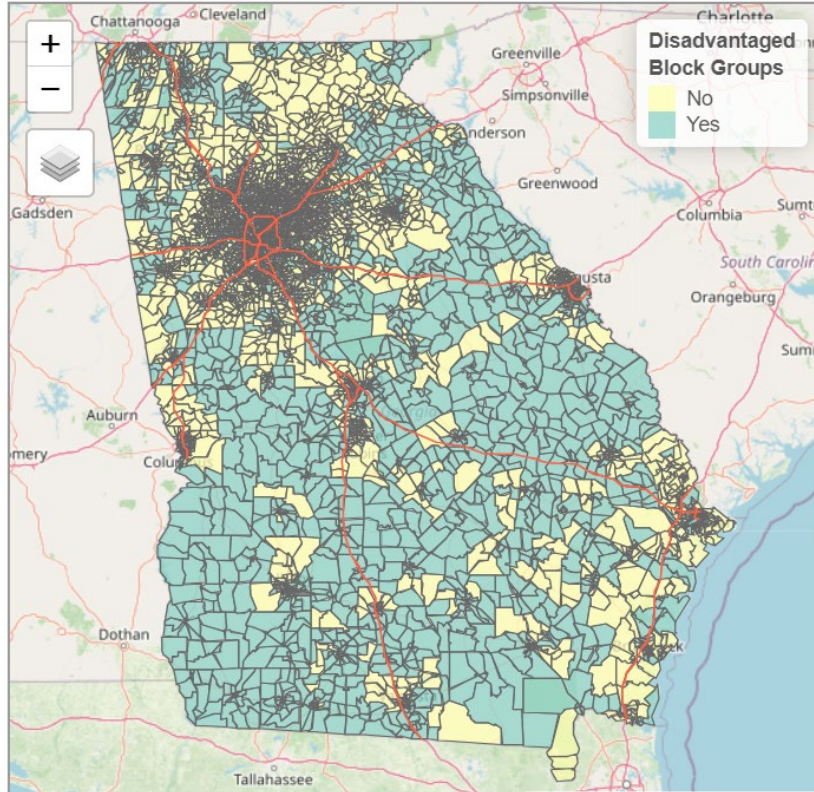
 Largest emission reduction for each strategy.

 Largest overall.

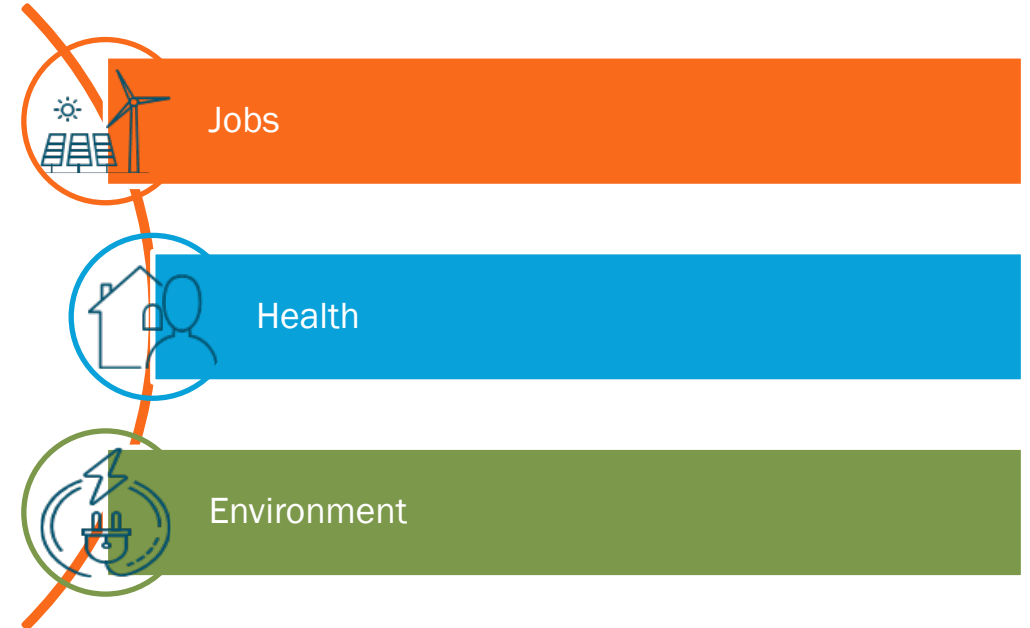


PSVERP OVERVIEW

LIDAC AREAS



LIDAC BENEFITS ANALYSIS





PSVERP OVERVIEW:

BENEFITS ANALYSIS, AUTHORITY TO IMPLEMENT, INTERSECTION WITH OTHER FUNDING



Benefits Analysis

- Quantified estimates of co-pollutant reductions (e.g., PM2.5, NOx, SO2, VOCs, air toxics, etc.) and/or other benefits associated with GHG reduction measures.



Authority to Implement

- 21 measures that can be implemented without new or additional regulatory/legislative authority.



Other Funding Availability

- Compiled over 21 sources of funding that align with GA's priority emission reduction measures.





PROJECT PARTNERS



Multiple State Agencies





Implementation Grant Applications



GEORGIA EPD

- Tier D \$41 million
- 100 electric school buses
- 100 Level 2 chargers
- Structure like DERA* Grant
- High impact on market and emissions





TENNESSEE COALITION

- Tier A \$394 million
- Tennessee, Georgia, Alabama, Mississippi, City of Bowling Green (KY)
- Broaden the following TVA programs:
 - EnergyRight® Business and Industry (ERBI) Lighting Incentive;
 - Small Business Direct Install;
 - ERBI School Uplift;
 - ERBI Small Business Uplift;
 - Home Uplift (residential); and
 - Multifamily Strategic Energy Management (residential).





ATLANTA REGIONAL COMMISSION

ARC Sole Applicant: Enhanced Green Communities Program

- Builds upon existing successful program
- Updated to focus on climate mitigation
- Targeted assistance to low-income & disadvantaged communities

ARC Coalition Lead: E-Bike & Transit Incentives Program

- Expands e-bike rebate program to region and statewide partners
- Dedicate 75% of rebate funds for low-income and disadvantaged communities
- Includes Universal Basic Mobility pilot to fund additional transportation-related expenses

ARC Assisted: EV Fleet Coalition

- Connected 9 local governments to SSDN for grant proposal development
- Transition to 445 EVs & adding 273 Level 2 and DCFC chargers w/20% of installations from solar



DID YOU APPLY?

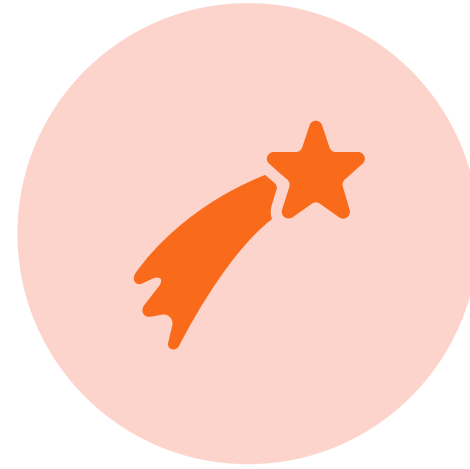




TENTATIVE TIMELINE



**JULY –
ANNOUNCEMENTS**



OCTOBER – AWARD



Other Federal Funding Opportunities



OTHER FEDERAL FUNDING OPPORTUNITIES

Link	Eligible Entities	Deadline	Agency
Regional Conservation Partnership Program Natural Resources Conservation Service (usda.gov)	Farmers, Ranchers, Forest landowners	July 2, 2024	U.S. Department of Agriculture
Energizing Rural Communities Prize - Energy Communities	Educational Institutions, General Public, Lending Institutions, Local Governments, Native/Tribal Entities, Non-profits, Private Sector, Public Utility Entities, State Governments	July 12, 2024	Department of Energy
Clean Heavy-Duty Vehicles Grant Program US EPA	States, including U.S. territories, Municipalities, including public school districts, Indian Tribes, Nonprofit school transportation associations	July 24, 2024	Environmental Protection Agency
Inflation Reduction Act Community Change Grants Program US EPA	A partnership between two community-based non-profit organizations (CBOs). A partnership between a CBO and one of the following: a Federally-Recognized Tribe a local government an institution of higher education.	November 21, 2024	Environmental Protection Agency

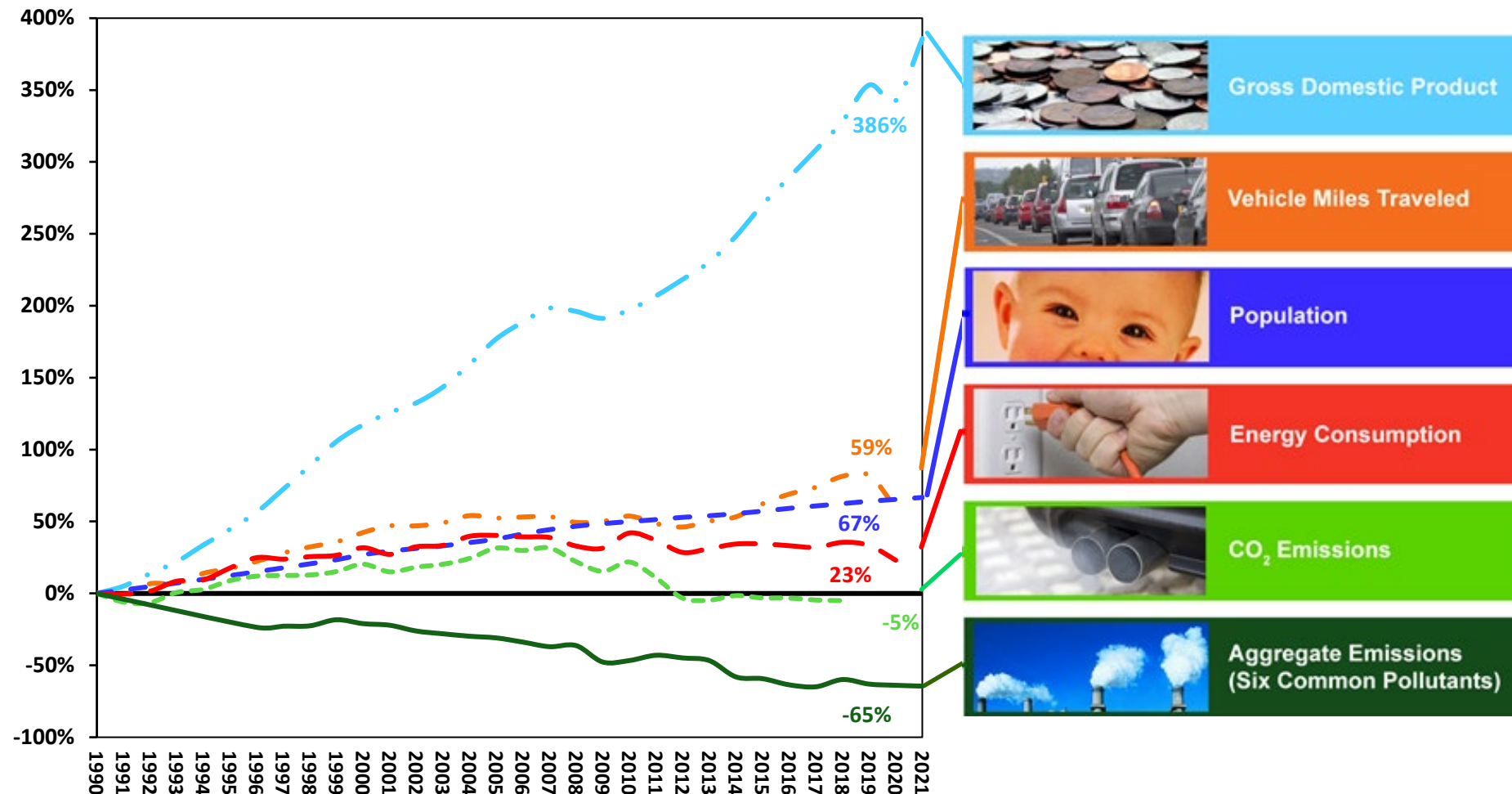
And more!
[State, Local & Tribal Energy Newsletters | US EPA](#) (subscribe to newsletter)
[Georgia Climate Pollution Reduction Grant | Environmental Protection Division](#) (list updated quarterly)



Economy and Environment in Georgia



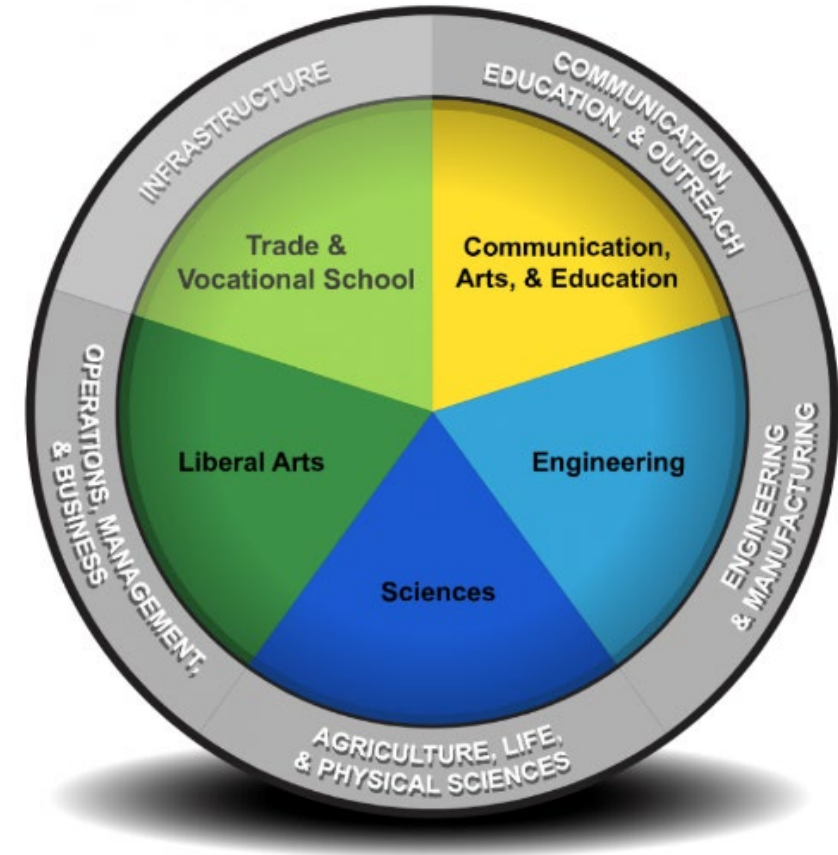
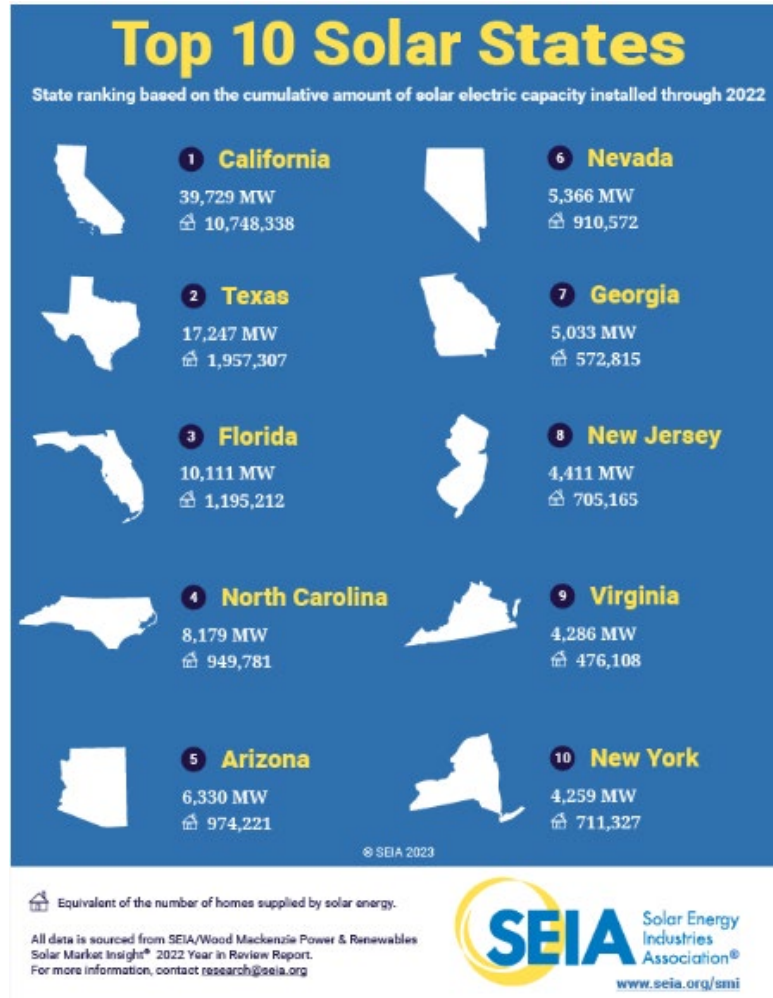
ECONOMIC GROWTH & CLEANER AIR ARE COMPATIBLE



Between 1990 and 2021, total emissions of the six principal air pollutants dropped by 65 percent, while the gross domestic product increased by 386 percent.



ECONOMY AND JOBS



US DOE Office of Energy Efficiency and Renewable Energy (EERE)



Next Steps



PEACH STATE VOLUNTARY EMISSION REDUCTION PLAN

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3 Benefits Analysis	Developed 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	Identified 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	Documented authority to implement potential reduction measures and to pursue approval or collaboration from other entities as needed.
6 Intersection with Other Funding Availability	Included other potential funding opportunities for reduction measures and incorporating analysis into PCAP and grant applications.



COMPREHENSIVE PLAN ADDED REQUIREMENTS

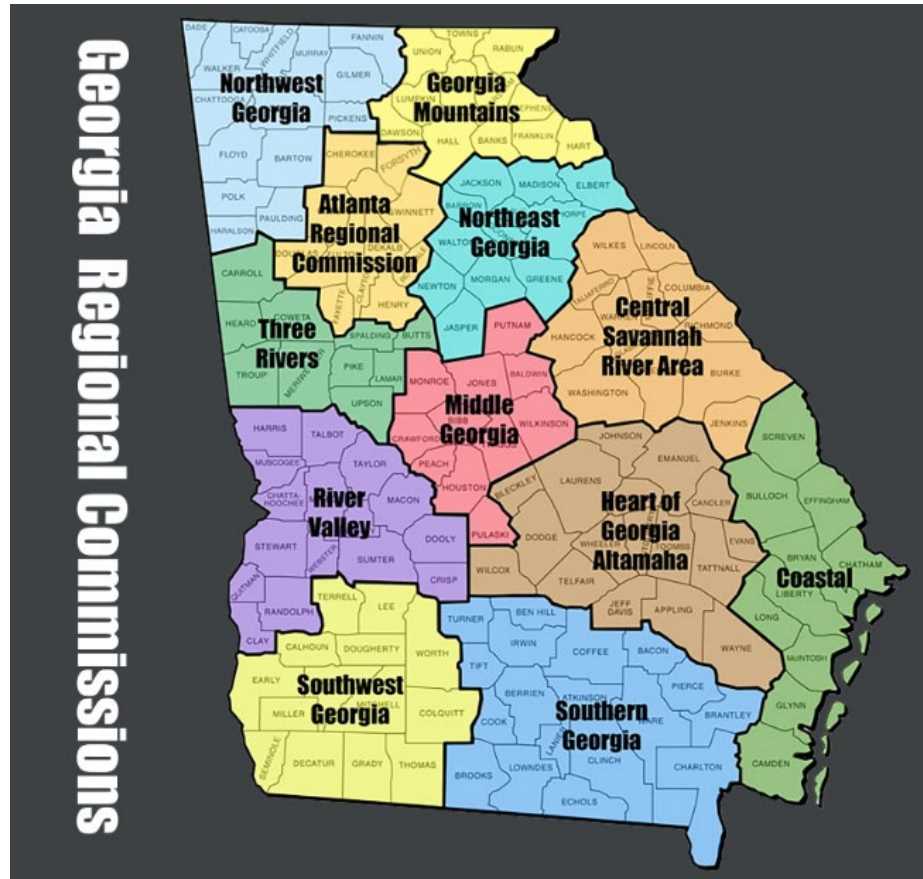
Task	Summary
7 GHG Emissions Projections	Provide near-term (e.g., 2030-2035) and long-term (e.g., 2050), comprehensive, economy-wide GHG future year emissions projections.
8 Emission Reduction Targets	Provide near-term (e.g., 2030-2035) and long-term (e.g., 2050), comprehensive, economy-wide GHG reduction targets.
9 Workforce Planning Analysis	Perform an analysis of workforce strengths and weaknesses to support workforce expansion and development.



Low-Income and Disadvantaged Communities Committee



LIDAC COMMITTEE OVERVIEW





COMMITTEE MEMBER ROLES



Attend six (6) meetings
June 2024 - June 2025



In partnership with Georgia EPD, host
informational meetings in LIDACs.



Assist with developing a public survey and
distribute the survey to LIDACs.



Contact Information



STAY CONNECTED

EPD Updates



EPD CPRG Website



ARC Website



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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Atlanta
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Commission
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Q&A