



ONE **great** REGION

A Regional Approach to Climate Action

Jon Philipsborn

Climate and Resilience Manager



Atlanta Regional Commission

Major Trends – Extreme Weather Events

The Atlanta Journal-Constitution

Jan. 4, 2023 flash flooding



WSB Channel 2 Atlanta

Cobb County road could be closed for days after storms cause it to partially collapse

By WSBTV.com News Staff, 8 days ago August 30, 2023



SPRING HILL PARKWAY SMYRNA
 COBB COUNTY GOVERNMENT
 CobbCountyGovernment CobbCountyGov CobbCountyGov 770-528-1000 information@cobbcountry.org cobbcountry.org

The Atlanta Journal-Constitution

WEATHER UPDATE: School districts delay start due to expected heavy rain



Credit: WSBTV Videos

FOX5 Live News Weather Good Day Sports Contests Email More

Torrential downpour during severe storm floods Downtown Atlanta, Clark Atlanta University

By FOX 5 Storm Team | Published September 14, 2023 3:32PM | Updated September 15, 2023 7:03AM | Severe Weather | FOX 5 Atlanta



The Atlanta Journal-Constitution

Gridlock Guy: Like snow days, Atlanta needs storm days



FOX5 Live News Weather Good Day Sports Contests Email More

Brookhaven residents want city to fix flooding problem

By Denise Dillon | Published August 1, 2022 | Brookhaven | FOX 5 Atlanta



Brookhaven residents complain about chronic flooding
 When there is heavy rain, some Brookhaven residents say their yards turn into raging rivers and want the city to do something about it. However, the city says it is up to the residents.

BROOKHAVEN, Ga - Neighbors in one Brookhaven neighborhood said they've had problems with flooding for years, but said over time, it has gotten worse.

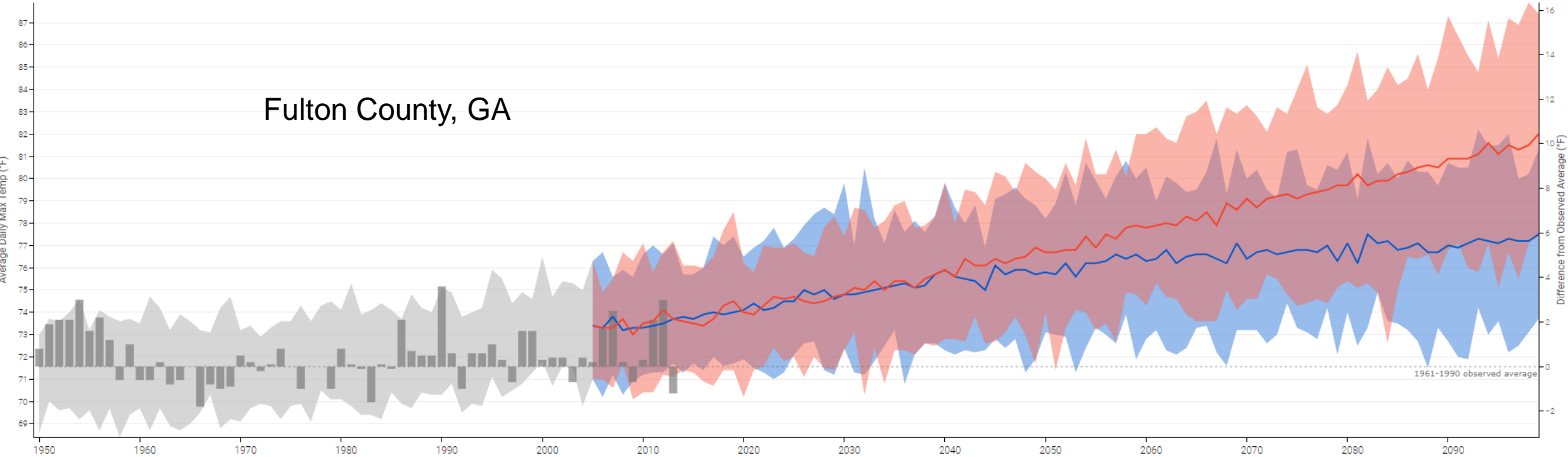


Hey check out these shows



DISCOVER AMAZING TRAVEL SIDESTAGE.COM

Major Trends - Temperatures are Rising



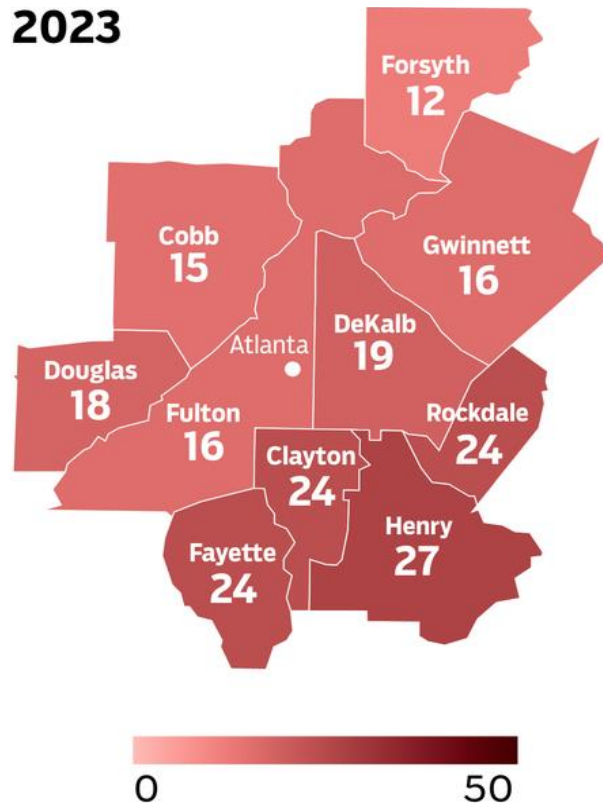
Graph from Climate Explorer: <https://crt-climate-explorer.nemac.org/>

... with similar trends across the region

Major Trends – Extreme Heat Events are Increasing

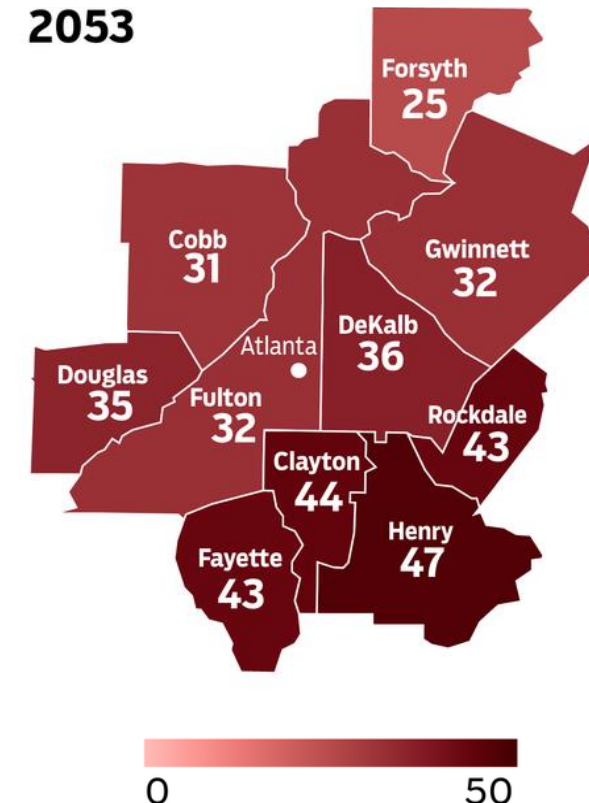
Projected days above 100°F

2023



Projected days above 100°F

2053



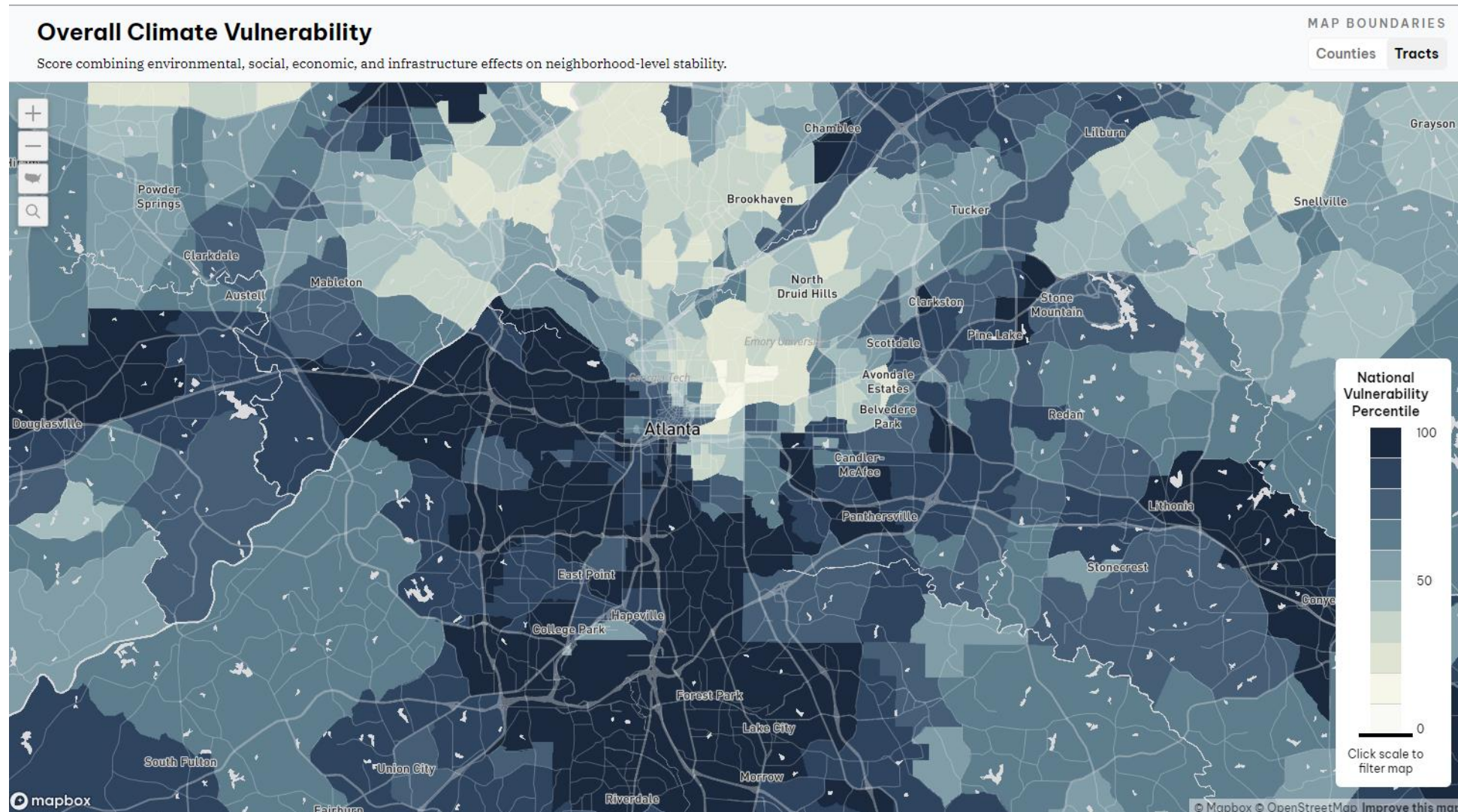
Map: Sam Baskin
Source: First Street Foundation

The Atlanta Journal-Constitution

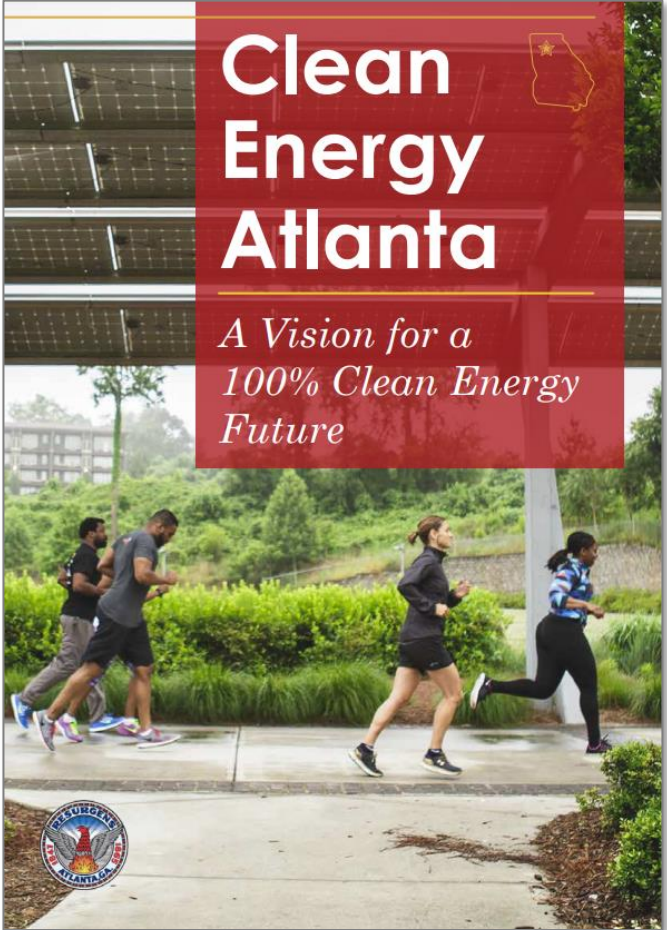
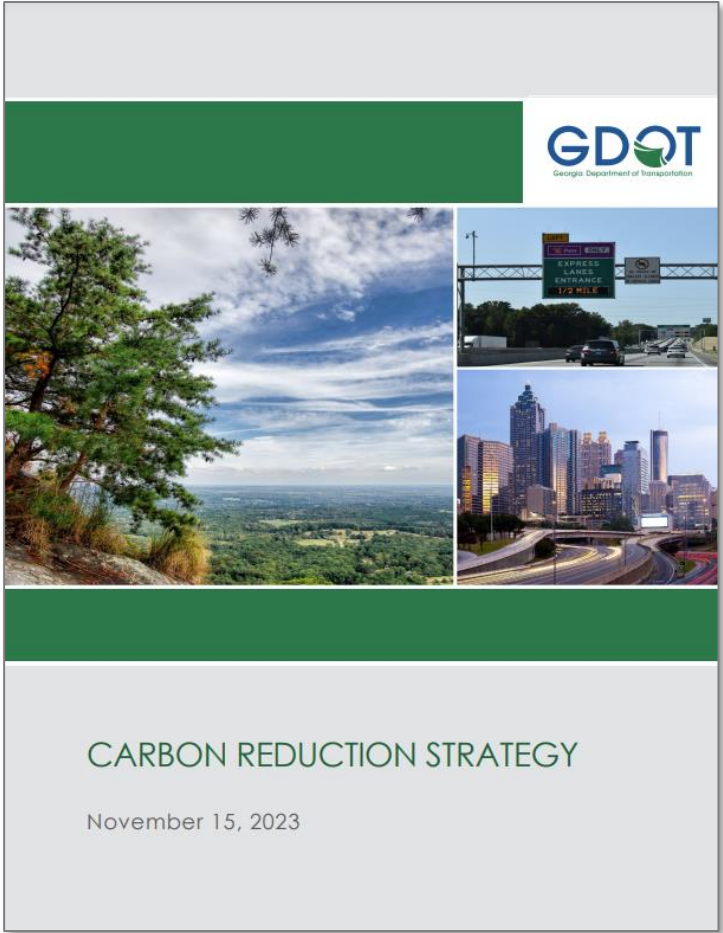
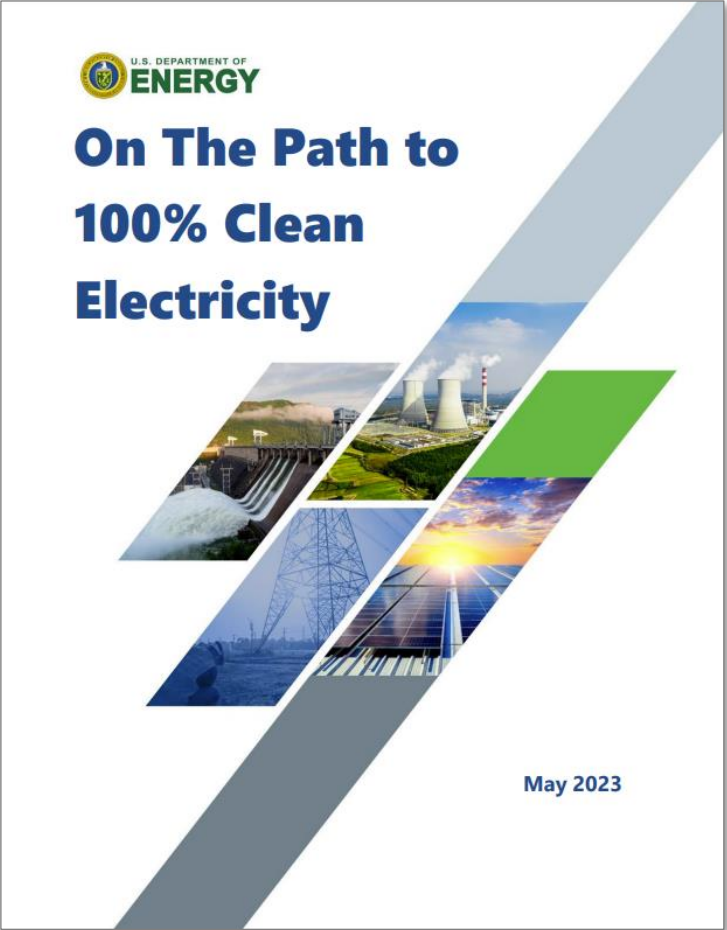
Map: Sam Baskin
Source: First Street Foundation

The Atlanta Journal-Constitution

Major Trends – Vulnerabilities are Not Uniform

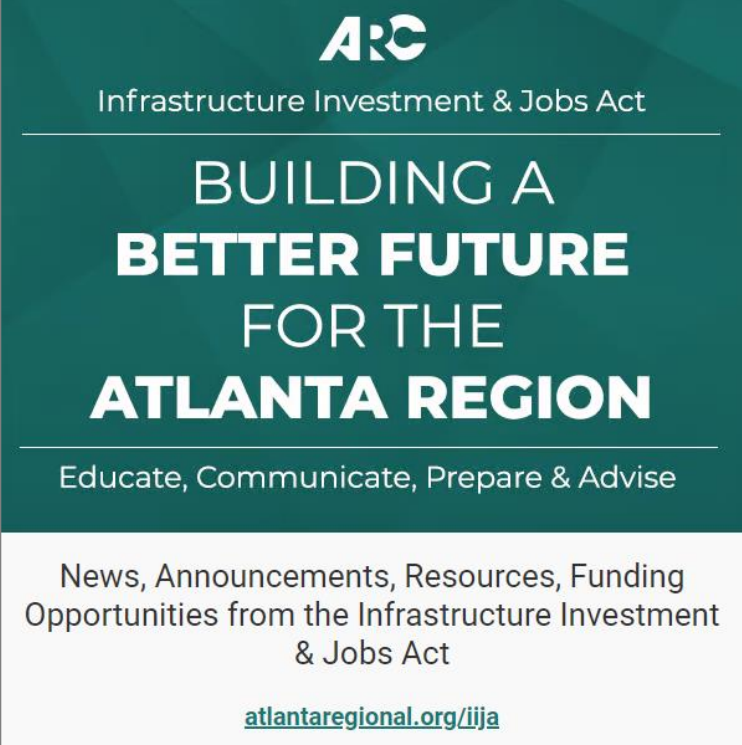


Major Trends – Energy Transformation is Underway



Major Trends – More Funding for Climate Action

- Dept of Energy: \$15B towards Clean Energy
- Dept of Interior: \$18B towards Community Resilience
- >\$9B towards economic revitalization and job creation in energy communities
- EPA: \$4.6B specifically for Climate Pollution Reduction Grant program**
- EV Charging Infrastructure: \$1.4B to build out network
- EPA: \$1.45B to bolster Equity and Environmental Justice
- EPA: \$4B for water infrastructure programs
- DOT: \$198M for Reconnecting Communities Pilot Program



The graphic features the ARC logo at the top, followed by the text 'Infrastructure Investment & Jobs Act'. Below this, the main headline reads 'BUILDING A BETTER FUTURE FOR THE ATLANTA REGION'. Underneath the headline is the phrase 'Educate, Communicate, Prepare & Advise'. At the bottom, it lists 'News, Announcements, Resources, Funding Opportunities from the Infrastructure Investment & Jobs Act' and provides the website atlantaregional.org/ijja.

Taken from US OMB [Press Release](#) March 28, 2023

Our Opportunity – Strategy Alignment

Vision

ONE **great** REGION

Mission

Foster thriving communities for all within the Atlanta region through collaborative, data-informed planning and investments.

Values

Excellence | **Integrity** | **Equity**

Goals



Healthy, safe, livable communities in the Atlanta Metro area.



Strategic investments in people, infrastructure, mobility, and preserving natural resources.



Regional services delivered with **operational excellence** and **efficiency**.



Diverse stakeholders engage and take a regional approach to solve local issues.



A competitive economy that is inclusive, innovative, and resilient.

Our Opportunity - ARC's Work Program



Actions are Underway – ARC's Focus Areas

Energy Transformation

- Emissions Reductions
- Net-Zero Planning
- Energy Efficiency
- Electrification
- Decarbonization

Adaptation and Resilience

- All-Hazards Vulnerability Assessments
- Adaptation Planning
- Nature-based solutions
- Resilient Infrastructure
- Long-term Adaptation

Through

- Education and Convening
- Technical assistance
- Develop model policies, ordinances, development standards
- Providing project funding
- Assisting with grant support
- Regional Planning (and directing Implementation)

Actions are Underway – Securing Funding

Current Funding Secured ~\$3M

- ▮ **Climate Pollution Reduction Grant (CPRG)** [EPA, MSA] (2023-2027)
- ▮ **Georgia EnergyShed** [DOE, ARC] (2023-2025)
- ▮ **Regional Transportation Electrification Plan** [FHWA, MPO] (2023-2024)
- ▮ **Regional Local Government Clean Electricity Plan** [DOE, ARC] (2024-2025)

Potential Future Funding ~\$170M

- ▮ Atlanta Regional Transportation Carbon Reduction Plan (DOT)
- ▮ Charging and Fueling Infrastructure Grant (DOT)
- ▮ PROTECT Grant (FHWA)
- ▮ Reconnecting Communities and Neighborhoods (DOT)

\$3M
Secured
Funding

Actions are Underway – Energy and Climate Council

Created to serve a direct function for GA Energyshed project with long-term opportunity to strengthen ARC's related initiatives

13 members

ARC Board Representation



Chairwoman Lisa Cupid
Cobb County



Mayor Mike Mason
City of Peachtree Corners



Mayor Patti Garrett
City of Decatur



Mr. Amol Naik
District 4 Citizen Member



Mr. Tom Meinhart
District 12 Citizen District

Next Steps for a Regional Approach to Climate Action

- ARC is seeking significant Federal (and State) Funding to support local governments and the Region
- ARC is Implementing Projects
- ARC is developing a Climate Action Plan
- ARC is a technical resource and partner to our local governments

To receive information on Regional Climate Action, **scan the QR code**



RITIKA S.
YOUTH ENTRY, GRADE 8

REDRAWING THE EARTH
(2023, COLORED PENCIL)

<https://nca2023.globalchange.gov/art-climate/>



Thank You

The logo for 'ONE great REGION' features the word 'ONE' in a yellow, sans-serif font. Below it, the word 'great' is written in a large, bold, yellow, sans-serif font. At the bottom, the word 'REGION' is written in a yellow, sans-serif font. The background of the slide is a dark grey with a pattern of overlapping, semi-transparent, colorful rectangles in shades of blue, green, orange, and red.

ONE
great
REGION

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