



City of Atlanta Clean Energy Advisory Board Meeting

February 22, 2024



MAYOR'S OFFICE OF
**Sustainability
and Resilience**

Welcome

Chandra Farley, Chief Sustainability Officer
City of Atlanta, Mayor's Office of Sustainability and Resilience

GROUNDING AND ACKNOWLEDGEMENT



the land, territories, practices, & cultures

Indigenous peoples, First Nations Muscogee (Creek) people,

African diaspora

LatinX, additional countless migrants & immigrants

uplift all that continue to show up, show out, represent, and create just, equitable, inclusive, and antiracist communities and practices for all of our benefit here in Atlanta & beyond

respect, gratitude, & support to all humankind & living beings in the intersecting & overlapping social identities & factors such as **gender identity, caste, sexual orientation, race, class, religion, disability, physical appearance, and height**

“No one is free until we are all free.” - Emma Lazarus

AGENDA

11:00 a.m. - 11:20 a.m.

Welcome and Introductions

11:20 a.m. - 11:40 a.m.

Clean Energy Atlanta “A Vision for 100% Clean Energy Future”

11:40 a.m. - 12:00 p.m.

A City Built for the Future, Moving Atlanta Forward Together

12:00 p.m. - 12:30 p.m.

Working Groups Breakout Session

- Clean Energy Fund
- Community and Partner Engagement
- Decarbonize Atlanta
- Transportation Infrastructure

12:30 p.m. - 12:40 p.m.

Working Groups Report Out

12:40 p.m. - 12:50 p.m.

Public Comments

12:50 p.m. - 1:00 p.m.

Wrap-up and Next Steps

INTRODUCTIONS

Please state your name and the name of your organization or community.

CITY OF ATLANTA

MAYOR'S OFFICE OF SUSTAINABILITY & RESILIENCE

The Mayor's Office of Sustainability & Resilience leads **science-based analysis informed by the community** to establish, develop, implement, and promote policies, programs, and initiatives related to environmental sustainability, climate resilience, circular economy and food security rooted in environmental justice.



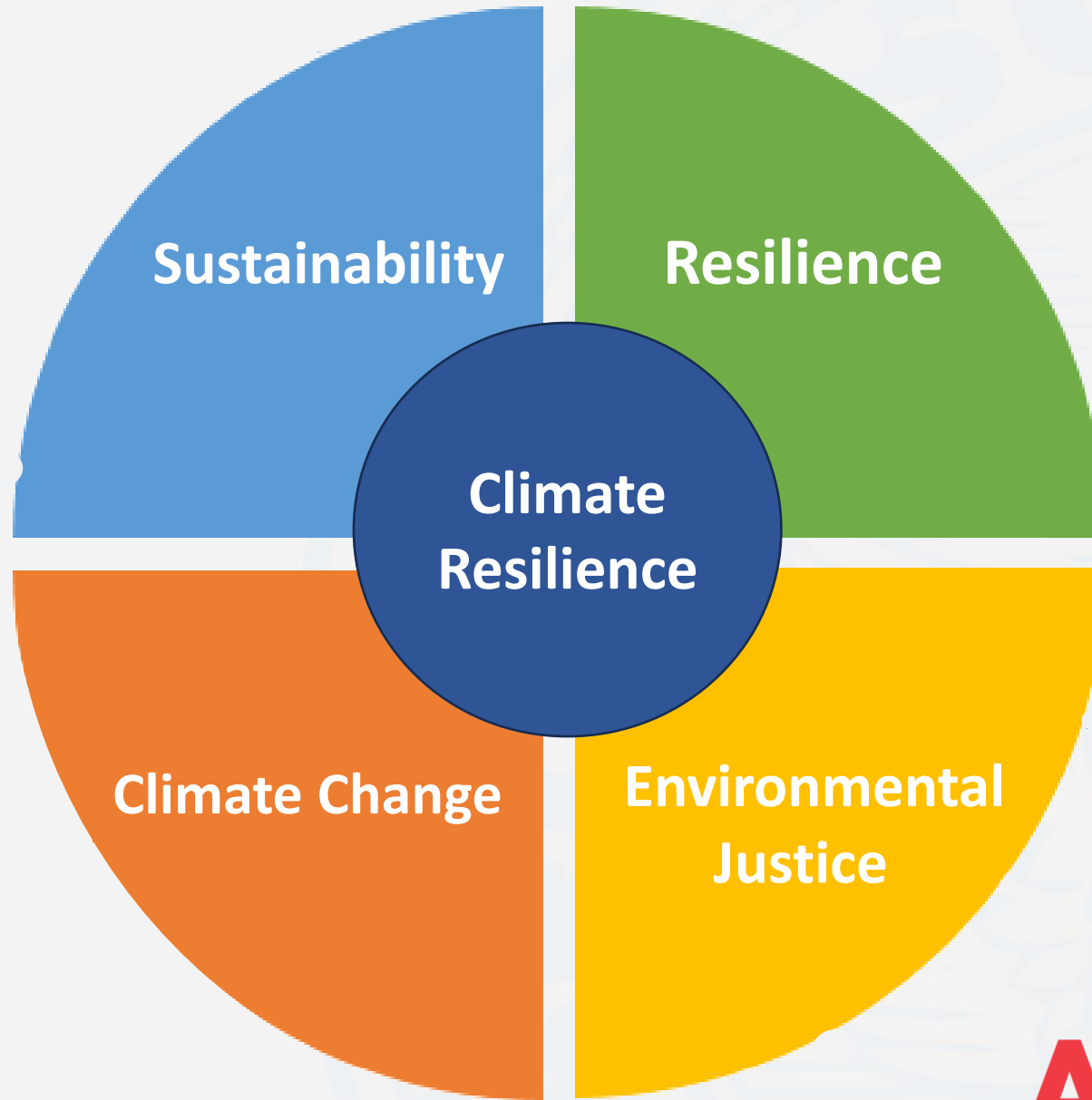
MAYOR'S OFFICE OF
**Sustainability
and Resilience**

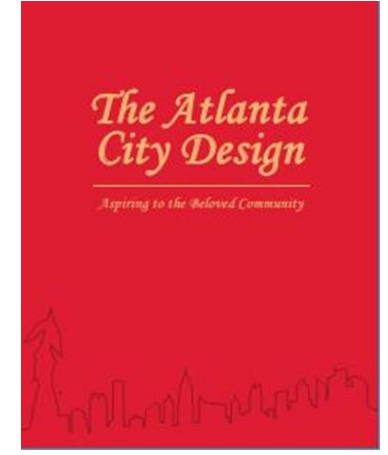
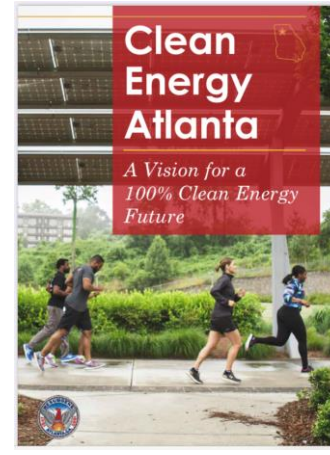
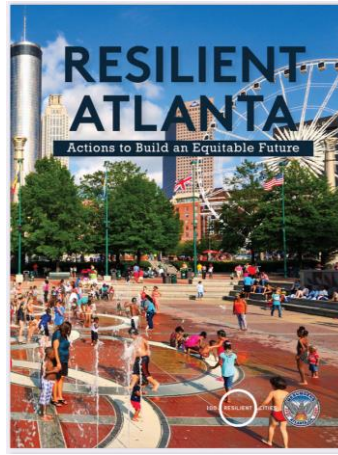
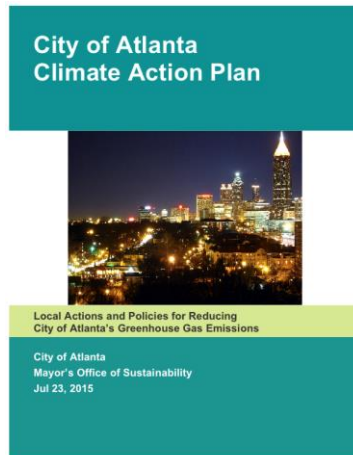
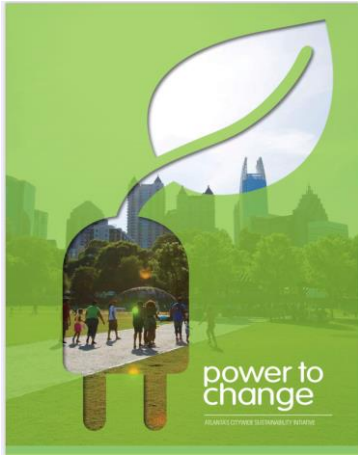
What is Sustainability?

Sustainability is about creating and maintaining conditions under which humans and nature can exist in productive harmony, that permit fulfilling the social, economic and other requirements of present and future generations.”

What is Resilience?

Resilience is the capacity of individuals, communities, institutions, businesses, and systems within a city to survive, adapt, and thrive no matter what kinds of chronic stresses and acute shocks they experience.





Climate resilience is about successfully coping with and managing the impacts of climate change while preventing those impacts from growing worse —and doing so in ways that make the world more equitable and just, not less.

<https://www.ucsusa.org/>



**MAYOR'S OFFICE OF
Sustainability
and Resilience**



Chandra Farley
Chief Sustainability Officer



John R Seydel
Deputy Chief Sustainability Officer



j. olu baiyewu
Urban Agriculture Director



Beth Graham
Stakeholder Engagement Director



Michelle Midanier
Clean Energy Programs Associate



Shun Barnes
Sr. Management Analyst



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and Resilience**



j. olu baiyewu
Urban Agriculture Director



Whitney Barr
Food Systems Innovation Fellow



Amina Robinson
Community Engagement Fellow

Urban Agriculture & Food Systems Team



MAYOR'S OFFICE OF
Sustainability
and Resilience



Department of
CITY PLANNING



MAYOR'S OFFICE OF
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Clean Energy Atlanta “A Vision for 100% Clean Energy Future”

John R. Seydel, Deputy Chief Sustainability Officer
Michelle Midanier, Clean Energy Programs Associate
City of Atlanta, Mayor's Office of Sustainability and Resilience

CLEAN ENERGY ATLANTA

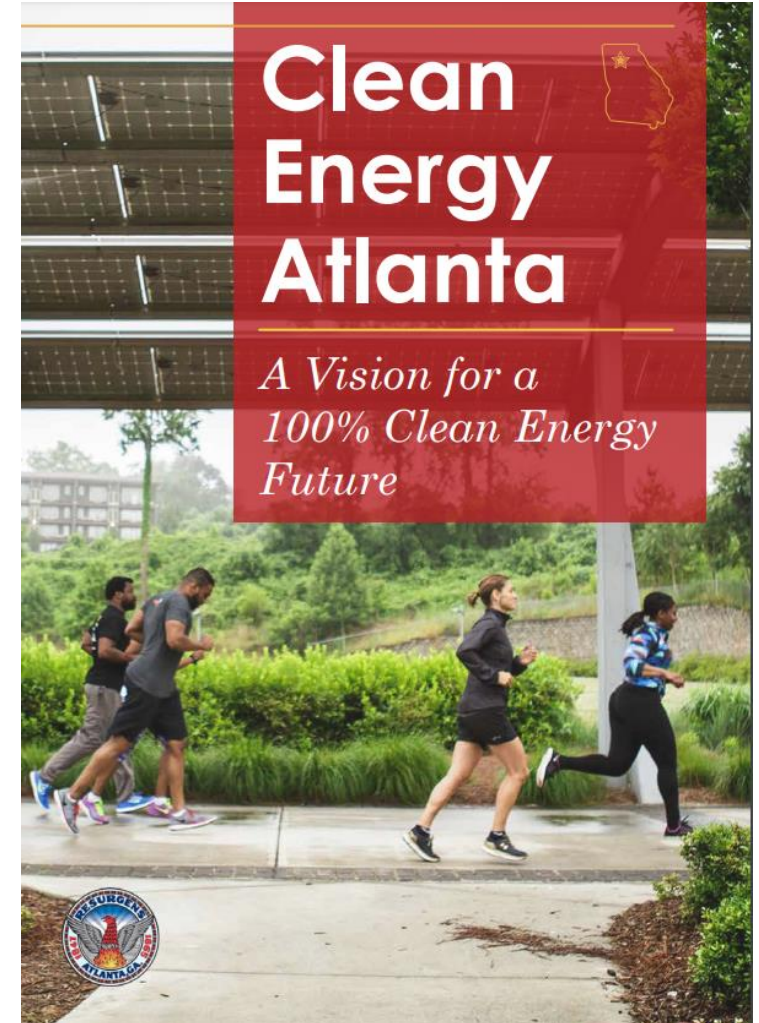
Interim Goals as adopted by City Council

- 10% Clean Energy by 2020
- **30% Clean Energy by 2025**

2023 STATUS: ~15%

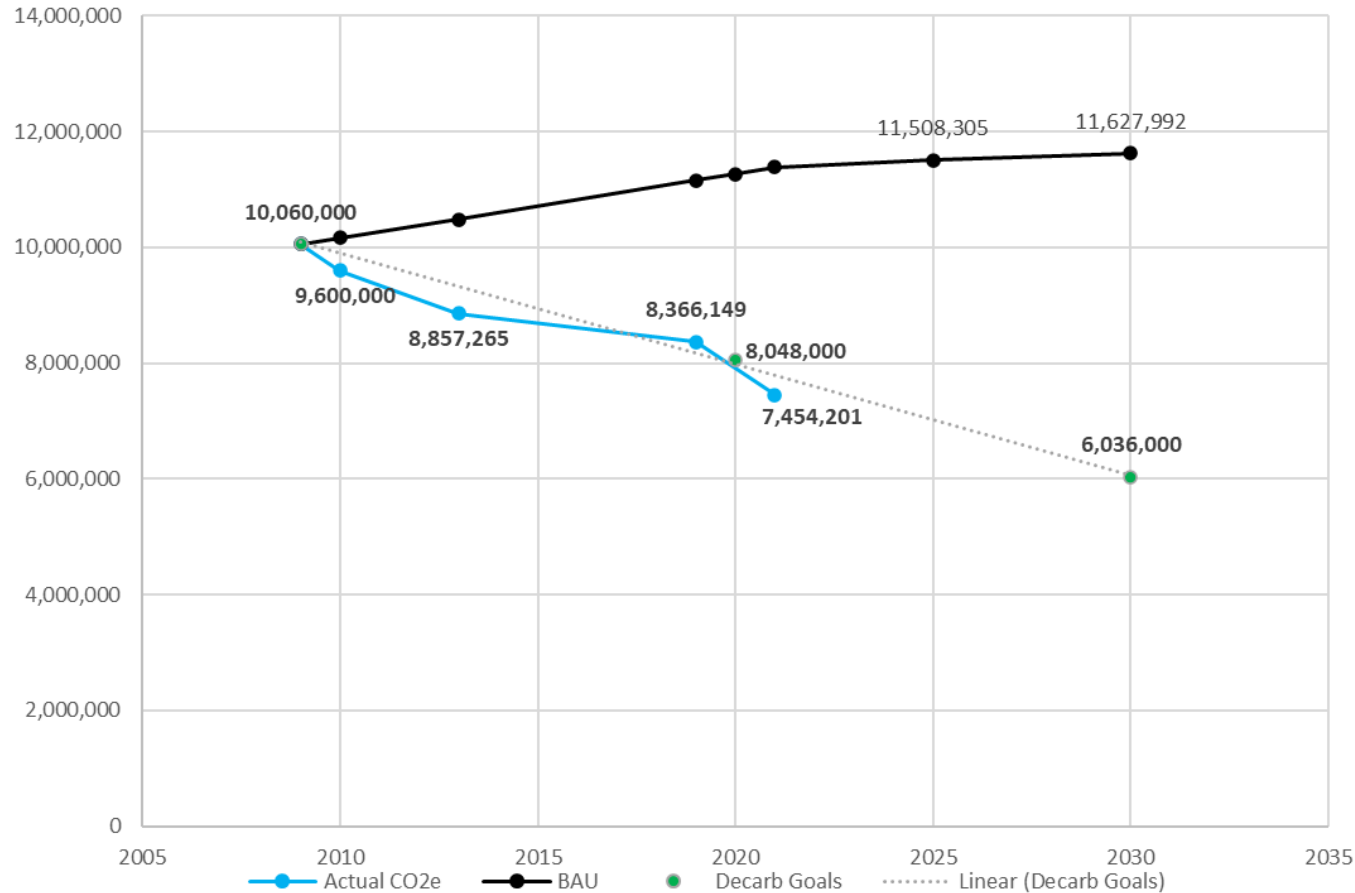
- 50% Clean Energy by 2030
- 100% Clean Energy by 2035

100% Clean Energy for 100% of Atlantans!



ATLANTA GHG EMISSIONS

Atlanta Emissions Comparisons

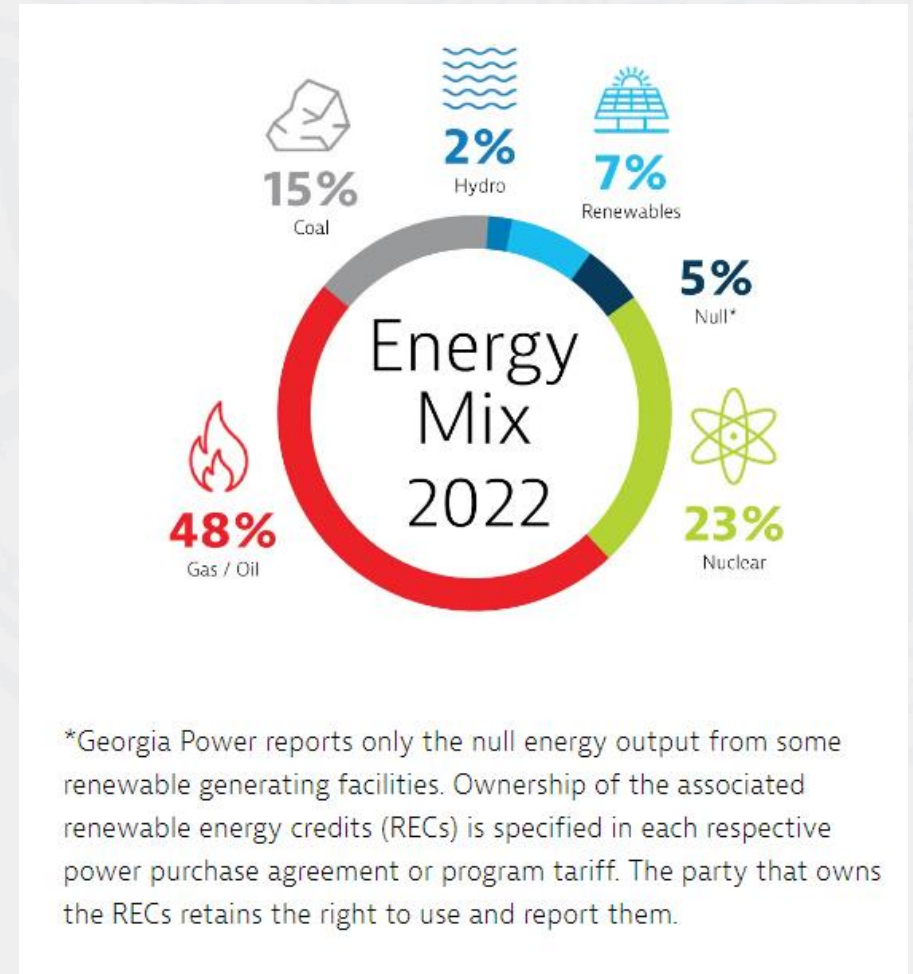
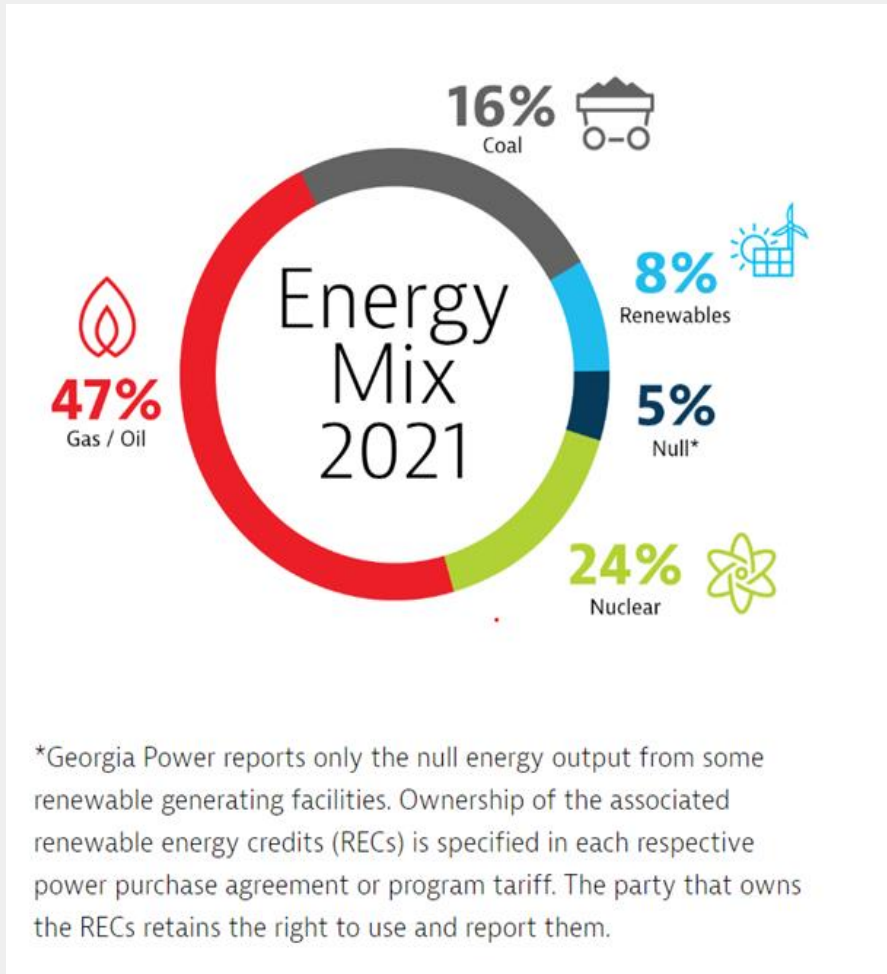


CDP
DISCLOSURE INSIGHT ACTION

CITIES A LIST
2022

Atlanta

RENEWABLE ENERGY ON THE GRID – GEORGIA POWER



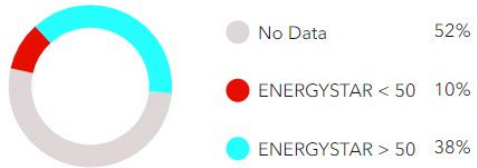
COMMERCIAL BUILDING ENERGY EFFICIENCY ORDINANCE



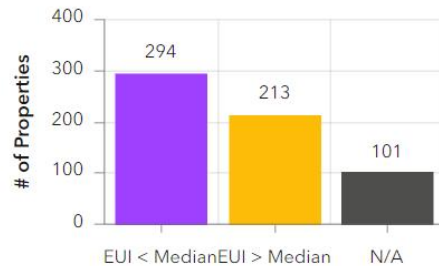
ATLANTA ENERGY BENCHMARKING MAP

Learn about the City of Atlanta's Commercial Buildings Energy Efficiency Ordinance

*ENERGYSTAR® Performance Metrics

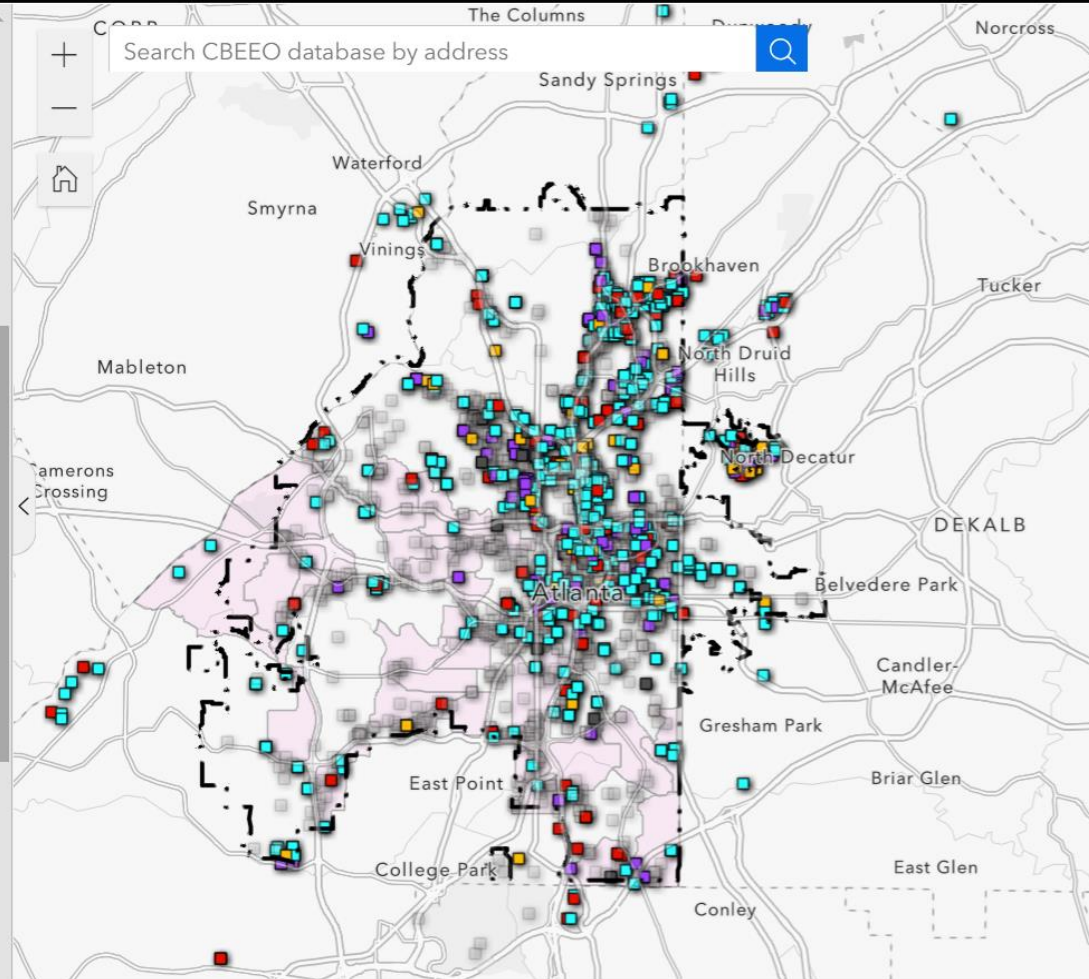


+Site Energy Use Intensity (kBtu/ft²)



Energy Use Intensity Scores Above or Below Median for F

Only includes properties that reported data



Between 2021 - 2023, the City of Atlanta requested energy benchmarking data from 4,085 properties. 2,274 (56%) properties provided ENERGY STAR® and/or Energy Use Intensity (EUI) data.

* An ENERGY STAR® Score is expressed on a scale of 1-100 for assessing the energy performance of commercial buildings. A score of 50+ indicates buildings perform better than 50% of their peers.

+ Not all property types are eligible for ENERGY STAR® Scores. Energy Use Intensity (EUI) is another energy metric that measures the energy efficiency of a building. A low EUI indicates better energy performance. EUI scores are categorized as above or below national median scores for that property

CBEEO Participating Properties

Compliance

- No Available Data
- Energy Star < 50
- Energy Star >50
- EUI below median for property type
- EUI above median for property type

LOOKING FORWARD: SUSTAINABLE INFRASTRUCTURE UPDATES

- Sustainable Building Ordinance
- Electric Vehicle Readiness Ordinance
- Solar Permitting - SolSmart

EV READINESS



EV Capable



EV Ready



EV Installed



ELECTRIC VEHICLES & CHARGING INFRASTRUCTURE

■ Fleet Analysis

- Top 100 Vehicles for EV replacement
- Average predicted lifetime savings 45-31% without IRA incentives.

■ EV Charging Goals (fleet and/or public use)

- 90 Days – 20 L2 EV Chargers at City Hall
- 180 days – Double total non-airport EV charging – 74 total
- End of 2024 – Increasing city-wide Level 2 and Level 3 charging 250 charger port access through direct installs, grants, and public-private partnerships. Including city-wide RFP.

Legend

AirportChargingStations



COAOwnedChargingStation



COAOwnedFutureChargingStation



EV_level3_Charging_Station



EV_level2_Charging_Station



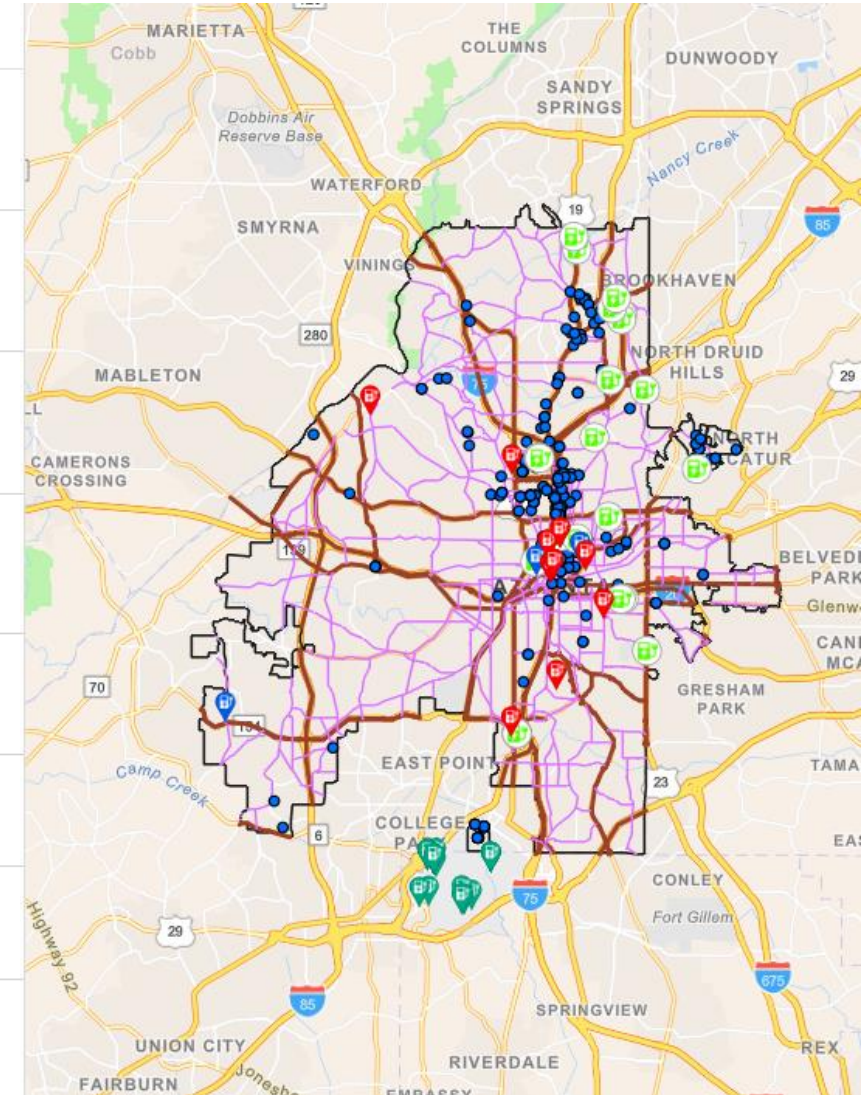
COAOwnedCorridors



StateCorridors



CityLimits



Current Level 2 chargers (37 - (69 charging ports), 254 L2 charging ports including airport)

ELECTRIC VEHICLES & CHARGING INFRASTRUCTURE

Innovation + Partnerships

- Right of Way Charging – ATL DOT, GDOT
- ARC - 300-400 Free L2 EV chargers over 18 months.
- Hertz Electrifies Atlanta – 8 DC Fast Chargers & charging hub at the Airport.
- Tesla – L2 and L3 charging stations program.
- Atlanta Housing Authority + RMI
- Interdepartmental EV Working Group

Data Collection for Direct Pay

- Historic Data
 - EV Purchases since 2023
 - EV Charging Purchases since 2023
- Future Purchases
 - Informs locations for EV Charging RFP



SOLAR ATLANTA



MAYOR'S OFFICE OF Sustainability and Resilience



| | |
|-------------------------|----|
| Current # of Sites | 26 |
| Potential Capacity (MW) | 30 |



Martin Luther King, Jr. Natatorium & Aquatic Center



\$350k

Avoided Construction Cost

536

Solar Panels Onsite

148k

Carbon Offset (metric tons)



11 Million

Smartphones charges annually



21 Homes

Electricity use per year



25 Courts

Electricity use for one year

QUESTIONS?

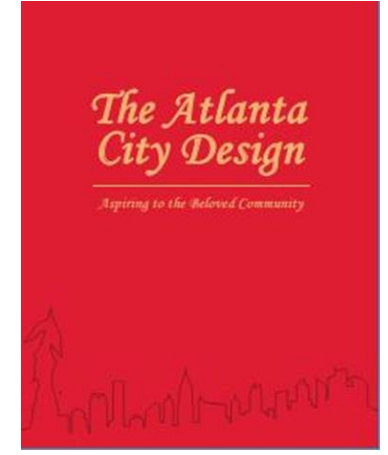
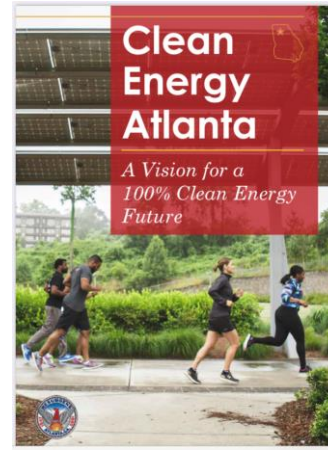
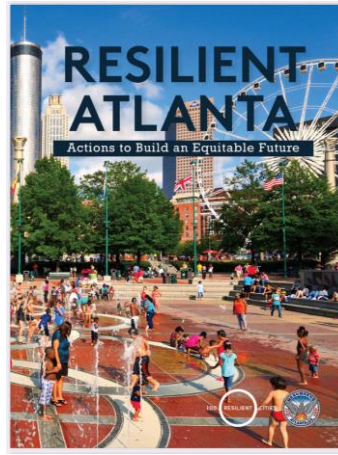
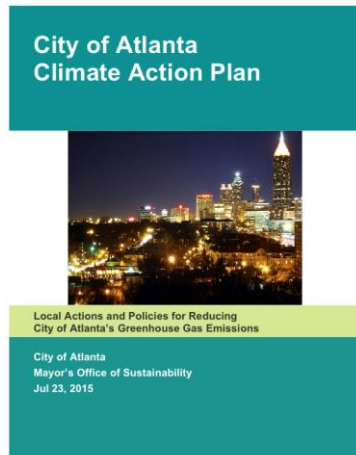
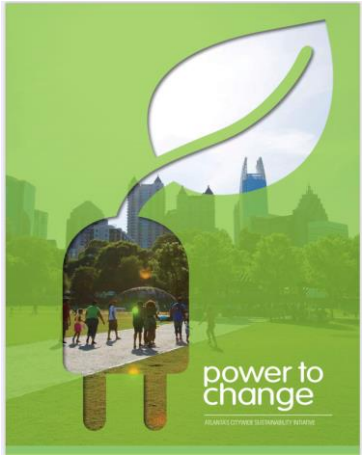




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A City Built for the Future, Moving Atlanta Forward Together

Chandra Farley, Chief Sustainability Officer
City of Atlanta, Mayor's Office of Sustainability and Resilience



Climate Resilient ATL

Climate resilience is about successfully coping with and managing the impacts of climate change while preventing those impacts from growing worse —and doing so in ways that make the world more equitable and just, not less.

<https://www.ucsusa.org/>



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The Atlanta
Journal-Constitution

Knock, knock. It's Atlanta. The city wants to lower your energy bill.

BY THE NUMBERS

- 2,498 Doors Knocked
- 220 surveys distributed
- 152 homeowner surveys completed

NEXT STEPS

- Phase 2 Canvass
- Complete 120 audits by June 2024



Credit: arvin.temkar@ajc.com

WWW.ATLANTAGA.GOV



Georgia BRIGHT

Building Renewables, Investing for Green, Healthy, Thriving Communities

The *Georgia BRIGHT* program offers a solution to consumers through discounted solar leasing that:

- Saves you money starting day one*
- Requires no upfront cost
- Handles all installation and maintenance of the panels
- Involves a discounted monthly fee to lease the panels

HOW DOES IT WORK?

The first round of *Georgia BRIGHT* aims to install solar panels on the homes of 200 Georgia households making less than \$100,000 a year.



Solar leasing programs offered for low-to-moderate income Georgians

October 5, 2023 12:13 PM

By: [Mary Landers](#)

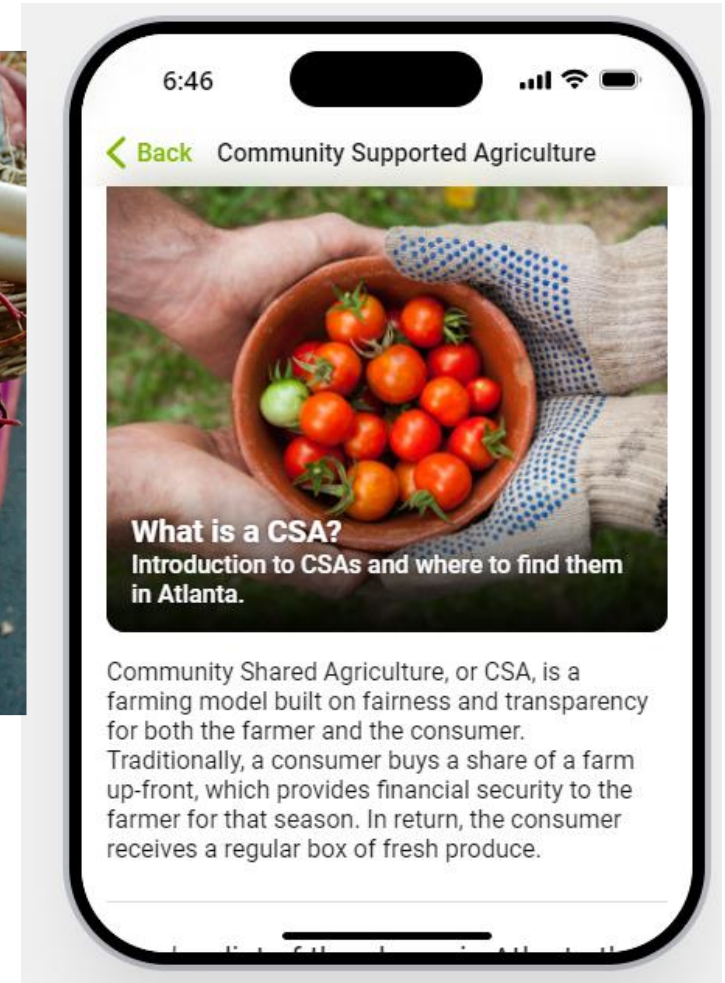


Caption

Solar panel covers the roof of this home near Savannah High School

Credit: Mary Landers/The Current

URBAN AG & FOOD SYSTEMS



[Fresh Food Access Map!](#)

The Atlanta Journal-Constitution

NEWS

Can Atlanta catch a climate funding windfall?

The city's new chief sustainability officer seeks to rebuild a diminished office



Credit: Natrice Miller / Natrice.Miller@ajc.com

Federal Funding Roadmap



Energy Efficiency Block Grant Program (EECBG)



Charging Fueling Infrastructure Discretionary Grant Program (CFI) Round 2



Climate Pollution Reduction Grant



EPA Community Change



Greenhouse Gas Reduction Fund



Earmarks for "Congressionally-Directed Spending"



Home Energy Rebate Programs



Direct Pay (Seed Climate Budget)

COLLECTIVE IMPACT OF AUTHENTIC COMMUNITY ENGAGEMENT ACCELERATING *MOVING ATLANTA FORWARD. TOGETHER.*

150

Survey Reponses



65

Vision Statements



60

Event Attendees



40

Pillar Recommendations





MY VISION FOR A CITY BUILT FOR THE FUTURE ...

**Healthy, Safe,
Equitable, Affordable
and Inclusive**

**Zero Energy
Injustice & No
Racial Wealth Gap**

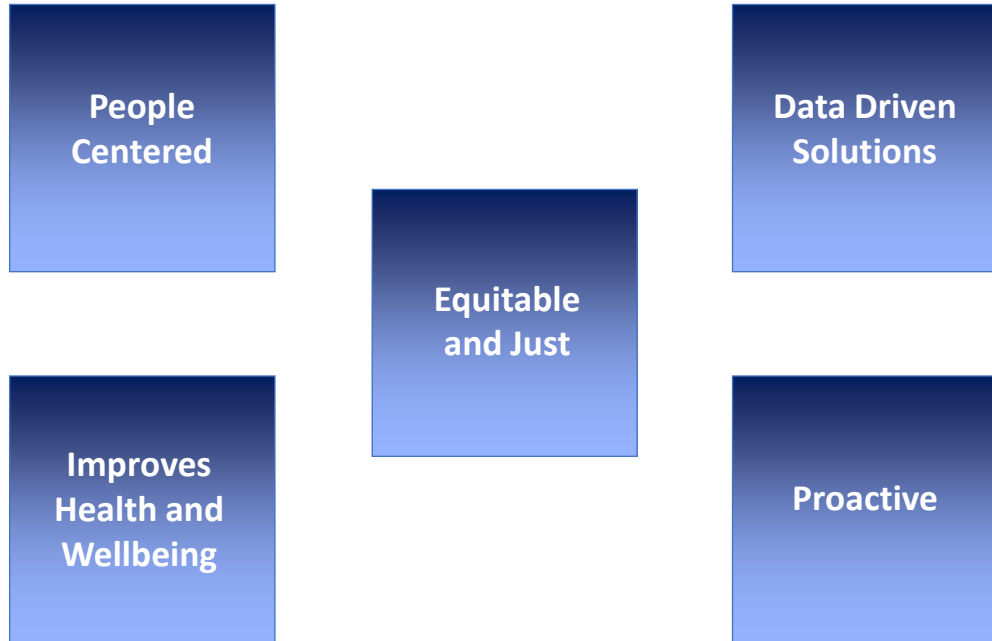
**Connectivity,
Circularity, Zero
Waste & Food
Access**

**Climate
Resilient, 100%
Clean Energy
& Data
Informed**

Laying the Foundation For A New Climate Resilience Action Plan – “Defining the Key Pillars”



REIMAGINED CLIMATE RESILIENCE ACTION PLAN: “KEY PILLARS”



**A City Built
for the Future**

Community Survey Quotes

“More walkable, less hostile architecture, better transit, incentives for rooftop solar. Resilient housing with green space.”

“More green spaces & parks, Solar PV-covered parking lots and parking decks; City gardens (farm-to-table); community solar PV for lower income communities and Plentiful EV charging stations throughout the metro area.”

Clean, safe, energy-efficient homes and communities. Gardens in residents' yards that can feed themselves and a couple of neighbors.”

“Increased access to alternative transportation options, incorporate green building practices and materials into all new construction projects within the city, and provide energy options such as widespread community solar programs to decrease high energy burdens.”

Next Steps:

- Internal City of Atlanta “Sustainability Innovation Lab”
- Conduct a Listening Tour to capture feedback on the “Sustainability Innovation Lab” findings to inform the reimagined plan and key pillars
- Build the reimagined, comprehensive Sustainability and Climate Resilience Action Plan strategically focused on adapting and improving our resilience to current and future climate impacts.
- Ongoing Community and Partner Engagement to Capture Feedback and inform priorities



QUESTIONS?





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**Sustainability
and Resilience**

Clean Energy Advisory Board “Working Groups Overview”

Beth M. Graham, Stakeholder Engagement Director
City of Atlanta, Mayor's Office of Sustainability and Resilience

2023 Clean Energy Advisory Board Relaunch



Clean Energy Advisory Board and working Groups Resource Network



City of Atlanta Clean Energy Advisory Board

Thank you for your commitment to serve on the City of Atlanta, Clean Energy Advisory Board.

Please complete the Pre-Event Survey below by Tuesday, January 17, 2023, thank you.

* Required

1. Please list your First and Last name, thank you. *

Enter your answer

2. Please list the name of your company, organization and please include your Neighborhood Planning Unit (NPU). *

City of Atlanta Clean Energy Advisory Board Working Group Resource

Thank you for your interest to serve as a resource for the City of Atlanta Clean Energy Advisory Board Working Groups.

Please complete the Brief Survey to provide your contact information and areas of expertise.

* Required

1. Please list your First and Last name, thank you. *

Enter your answer

2. Please list the name of your company, organization and please include your Neighborhood Planning Unit (NPU). thank you. *

Clean Energy Advisory Board

Community and Partner Engagement

Goal: Advance 100% Clean Energy for all Atlantans by 2035 through community driven solutions, and partner engagement, building a roadmap to reduce energy burden in underserved communities.

Committee Members: Bonita Johnson, Codi Norred, Lamia Lopez, LaToria Whitehead, and Susan Evans, Adrienne Rice, Jeanette Lovett, Spencer Tomlinson, Amina Robinson, Tabitha Schwartz, Gwen Smith, and Janelle Wright (more on last slide)

| 2023 Focus Areas | Status | Progress | Owner | Stakeholders | |
|---|--------------------------------------|--|---------------------------------------|--|------------------------------------|
| Focus Area 1: Develop Action Plan anchored in equity and environmental justice to support the WeatherRise ATL Program to reduce Energy Burden in underserved communities | G | <div style="width: 50%;"><div></div></div> | Lamia / Bonita / Codi / Garry | Gwen (research-Emory), Chris (add water) | |
| Focus Area 2: Expand Youth and Senior Engagement to influence behaviors through education and drive sustainability best practices | G | <div style="width: 50%;"><div></div></div> | LaToria/ Bonita | Gwen, Jeanette | |
| Focus Area 3: Strengthen Community and Partner Engagement to advance 100% clean energy goals for all Atlantans | G | <div style="width: 50%;"><div></div></div> | Lamia / Susan/ Bonita | Tabitha | |
| On Track | G | At Risk | ● | Off Track | ● |

City of Atlanta Vision and Moving Atlanta Forward Agenda

Vision

One City with One bright future. A city of safe, healthy, connected neighborhoods with an expansive culture of equity, empowering upward mobility and full participation for all residents, embracing youth development, and an innovative, dependable government moving Atlanta forward. **Together.**

Mayor Andre Dickens is *Moving Atlanta Forward* through a progressive agenda focused on opportunity, safety and investment for the future – for everyone. This agenda is built on four pillars:



- A **City of Opportunity** for All to ensure that every Atlantan shares in our city's growth and prosperity
- The **One Safe City** plan is a balanced approach that mobilizes the entire government and engages our partners, communities and residents
- A **City Built for the Future** to invest in creating a strong, healthy and sustainable city that supports our growth and that everyone can enjoy
- Effective & Ethical Government** Atlanta's success is directly tied to how much confidence residents and businesses have in City policies and practices

Working Groups:

- **Clean Energy Funding:** Identify partnerships and define funding strategy to accelerate pathway to 100% Clean Energy including Green Banks, the Infrastructure Investment and Jobs Act, historic climate legislation, the Inflation Reduction Act, and the Greenhouse Gas Reduction Fund.
- **Community and Partner Engagement:** Advance 100% Clean Energy for 100% of Atlantans by 2035 through community driven solutions, and partner engagement, building a roadmap to reduce energy burden in underserved communities.
- **Decarbonize Atlanta:** Developing opportunities to reduce greenhouse gas emissions by strategizing energy code updates through an equity lens and identifying programs to leverage clean energy funding.
- **Transportation Infrastructure:** Support the creation of a Transportation Demand Management Plan across the City of Atlanta Departments. Advance Micro-Mobility Programs and Policy. Pursue grants and partnerships to support EV Adoption in Atlanta's Fleet and Community Wide.

Clean Energy Advisory Board Working Groups



Clean Energy Funding

Ernest Rogers
Frank Martin

Decarbonize Atlanta

Alex Ortiz
Cosco Jones
Maggie Kelley Riggins
Steve Williams

Community and Partner Engagement

Bonita Johnson
Carla Lewis
Cepeda Kilgore Jr.
Codi Norred
Cynthia Curry
Diamond Spratling
Kimberly Scott
Lamia Lopez
Susan Evans
Wykeisha Howe

Transportation Infrastructure

Allean Brown
Avery Evans
Meloni Boatswain
Reza Abree
Zoe Landers

Working Groups Breakout Session



12:15 p.m. – 12:45 p.m.

- **Introductions and Confirm Working Group Co-Chairs / Contact Info (2 Minutes)**
- **"2023 Year in Review" Presentation – Work Groups Goals (3 Minutes)**
- **Align and Define Short-term and Long-term Goals advancing:**
 - **The *Moving Atlanta Forward Agenda* and Mayor's Office of Sustainability and Resilience Plan Goals (15 Minutes)**
- **Wrap-up and Select Next Meeting Date (5 Minutes)**

PUBLIC COMMENTS

NEXT STEPS



Clean Energy Advisory Board Meeting Post Event Survey



<https://bit.ly/CEABPostEventSurvey>



May 2, 2024 | 11:00 a.m. - 1:00 p.m.

#MovingAtlantaForward
@CityofAtlanta



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City of Atlanta
Mayor's Office of Sustainability and Resilience
"Sustainability Innovation Lab"

August

THANK YOU!

