



Georgia Tech Scheller College of Business
Ray C. Anderson Center
for Sustainable Business



**DRAWDOWN
GA**

Business Compact

A Collective Impact Initiative

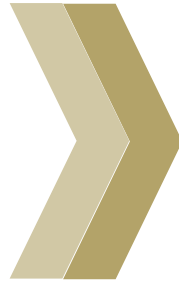
Ray C. Anderson Center for Sustainable Business



We are based in Scheller College of Business with faculty and organizational partnerships across the University, working with a multitude of corporate partners and industry leaders.

Our vision

Empower the leaders of tomorrow to create sustainable businesses and communities.



Sustainability Integration

Creating and sharing knowledge that current and future leaders depend on to integrate sustainability into organizations.

Sustainability Innovation

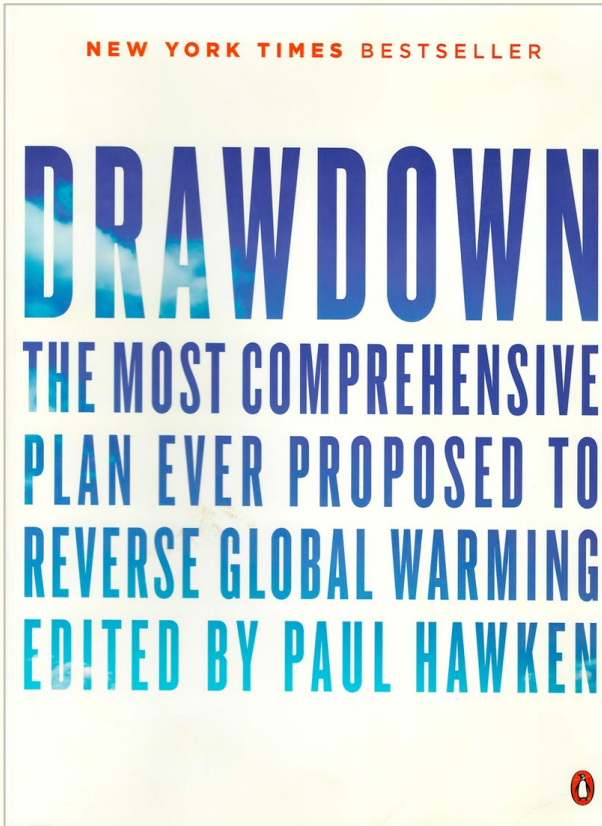
Driving innovation in business models, products, technologies, and governance through sustainability “lenses” and objectives.

EDUCATE

ENGAGE

RESEARCH

In 2018, the Ray C. Anderson Foundation coalesced a multi-university collaboration to help Georgia identify & prioritize local carbon reduction solutions & their benefits/risks



20 Drawdown Georgia Solutions for 2030 + Beyond Carbon Dimensions

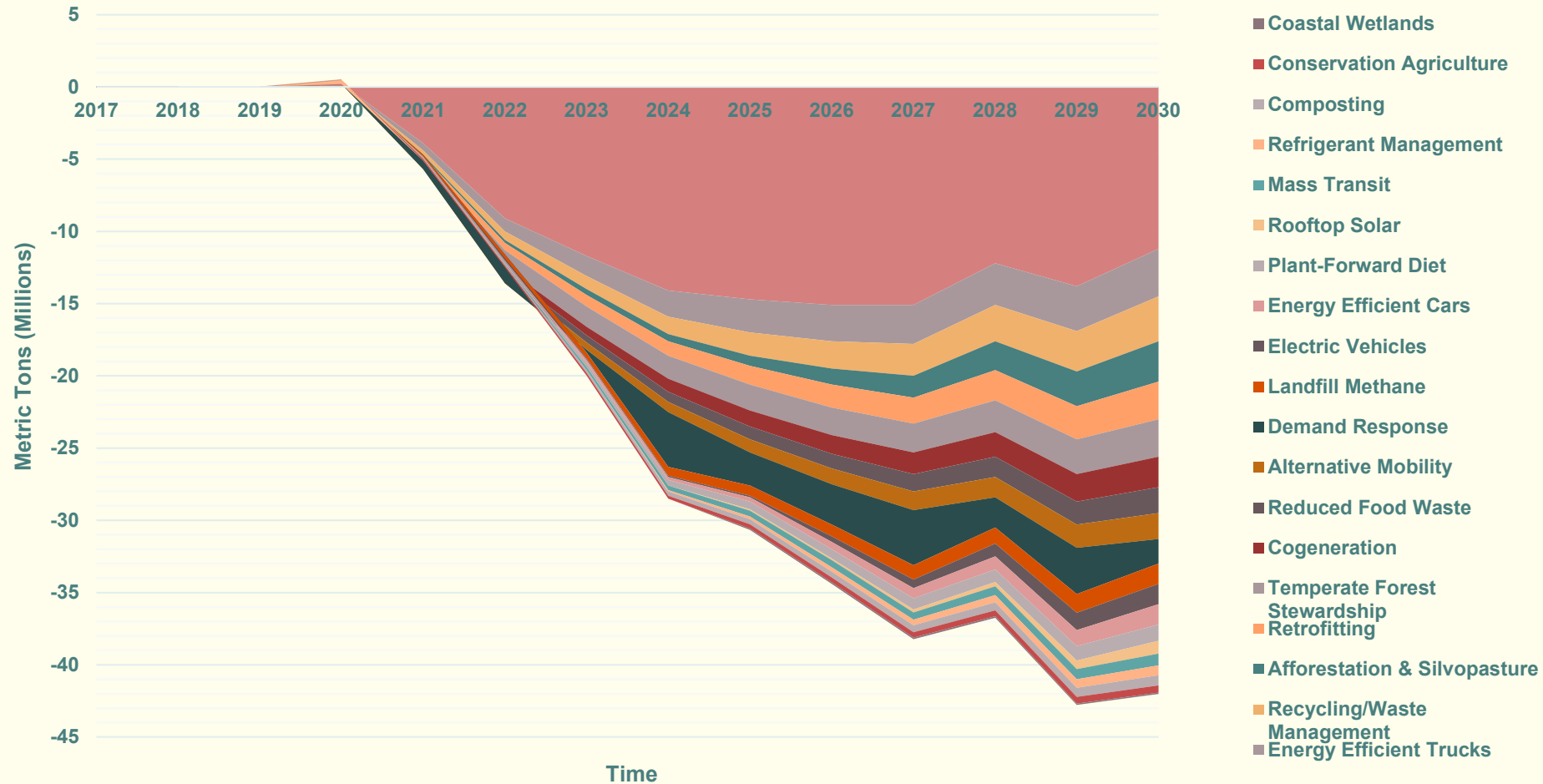
<p>Electricity</p> <ul style="list-style-type: none"> Cogeneration Demand Response Rooftop Solar Large-Scale Solar Landfill Methane 	<p>Transportation</p> <ul style="list-style-type: none"> Electric Vehicles Energy-Efficient Cars Energy-Efficient Trucks Mass Transit Alternative Mobility 	<p>Food & Agriculture</p> <ul style="list-style-type: none"> Composting Conservation Agriculture Plant Rich Diet Reduced Food Waste
<p>Buildings & Materials</p> <ul style="list-style-type: none"> Recycling Refrigerant Management Retrofitting Buildings 	<p>Land Sinks</p> <ul style="list-style-type: none"> Afforestation & Silvopasture Coastal Wetlands Temperate Forest Protection & Management 	<p>Beyond Carbon</p> <ul style="list-style-type: none"> Equity Economic Development/Jobs Public Health Ecosystems/Biodiversity



The 20 solutions showed significant potential to reduce GHG emissions in Georgia



Achievable Reductions in Megatons of CO₂e



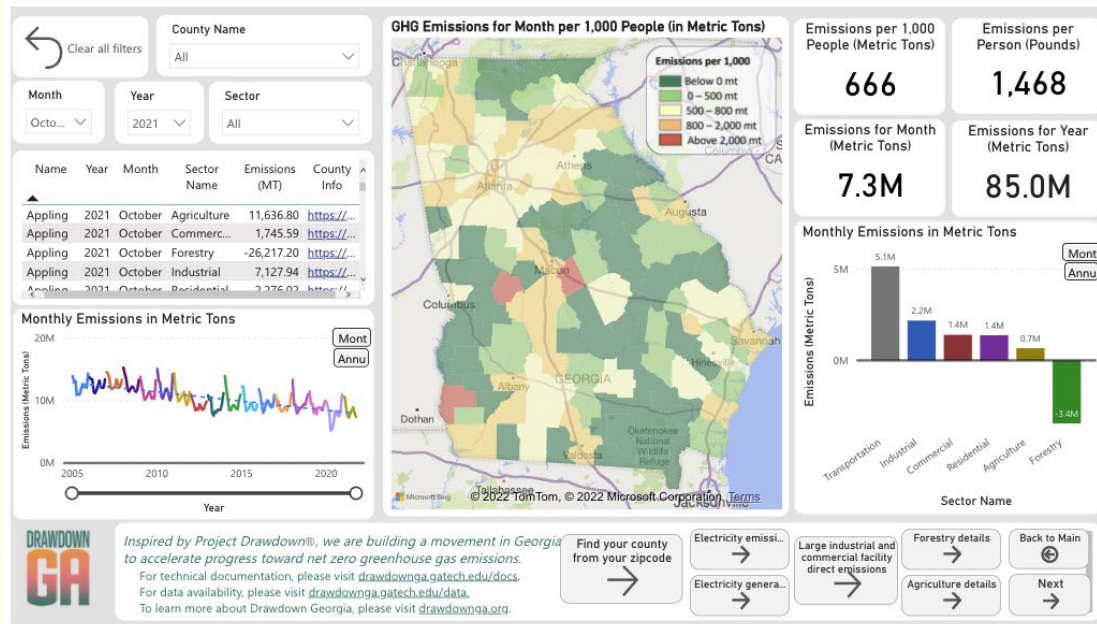
Source: [Drawdown Georgia Website](#) and Georgia Tech [CEPL Research Portal](#)



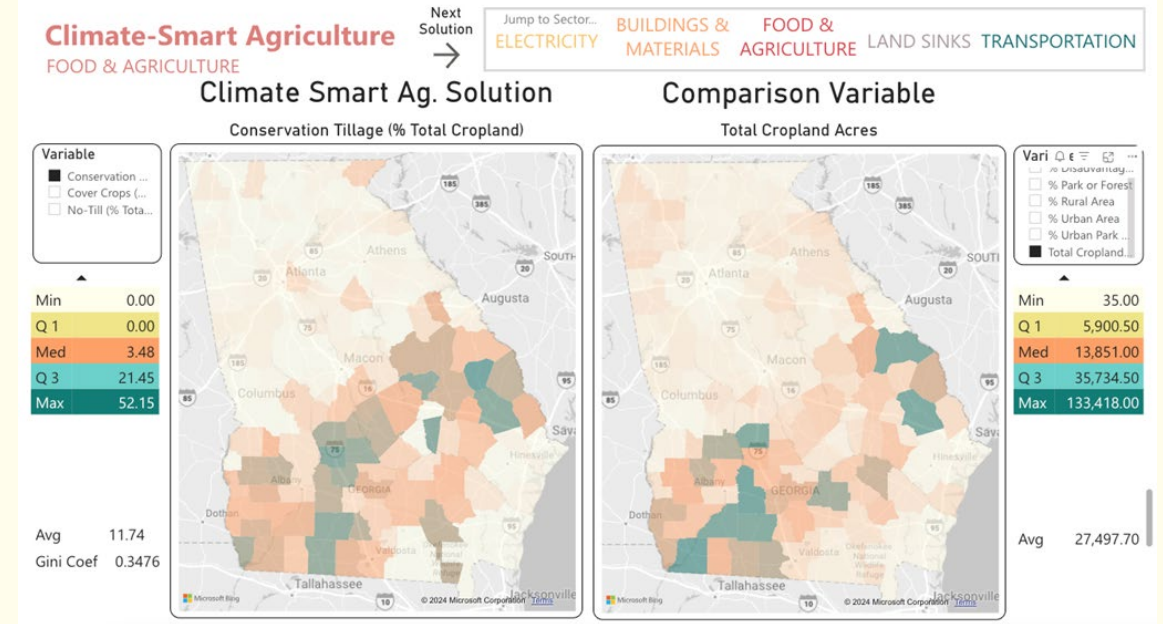
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Leveraging the original research, the team assessed & compiled data for emissions & solutions trackers

Emissions Tracker



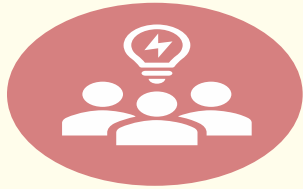
Solutions Tracker



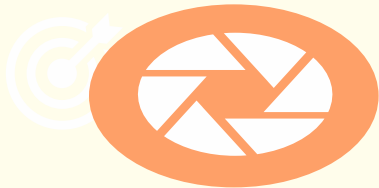
- “The Georgia Environmental Protection Division is excited to work with Georgia Tech in the development of the state's first climate action plan and appreciates all the work that Georgia Tech and other Drawdown Georgia partners have done to lay the groundwork for this project,” said DeAnna Oser, assistant branch chief of the Georgia Environmental Protection Division’s Air Protection Branch.

Source: <https://www.gatech.edu/news/2023/11/28/georgia-tech-help-develop-states-first-climate-action-plan>

After the initial Drawdown research was completed, we asked our industry partners, “how can these/other climate solutions be commercially scaled?”



Large Georgia businesses have already set ambitious global climate targets in response to investors, customers, & employees but action is often not local



Small- and medium-sized enterprises often lack sufficient resources to act and benefit



Collaboration is needed to help businesses of all sizes achieve goals, mitigate ESG investment risk, and to engage in LOCAL / Drawdown Georgia solutions.



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Drawdown Georgia Business Compact

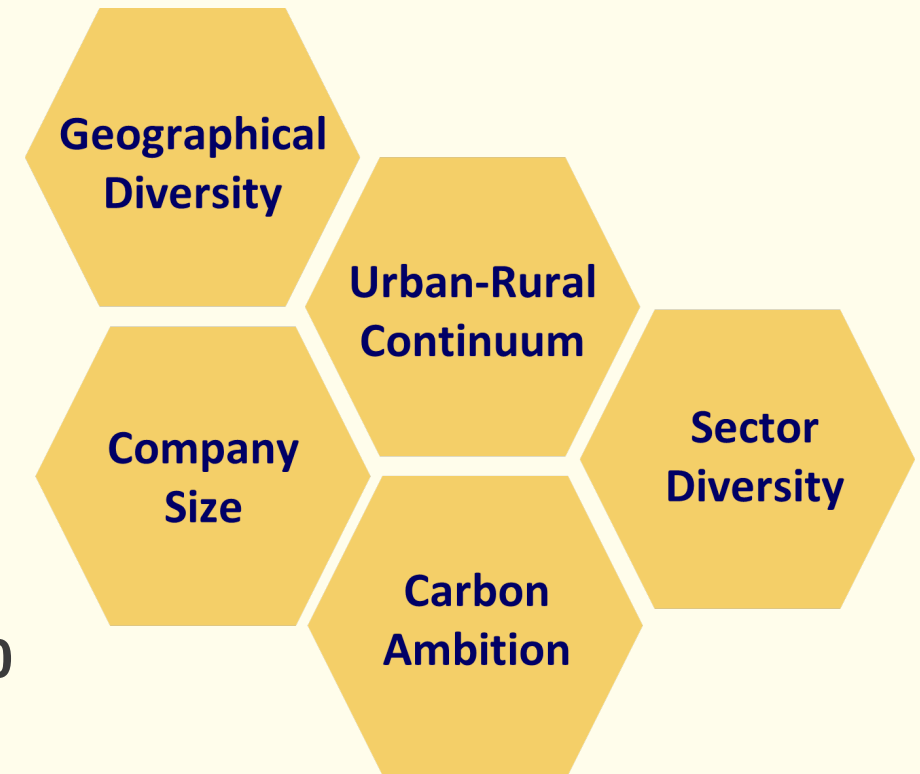
Leverage the collective impact of the Georgia business community to achieve net zero carbon emissions in the state through a just, prosperous, and sustainable transition

Who We Are

A business-focused initiative **representative of Georgia's diverse economy**, fueled by stakeholder engagement, comprehensive research, and solutions tailored to Georgia

Our Goal

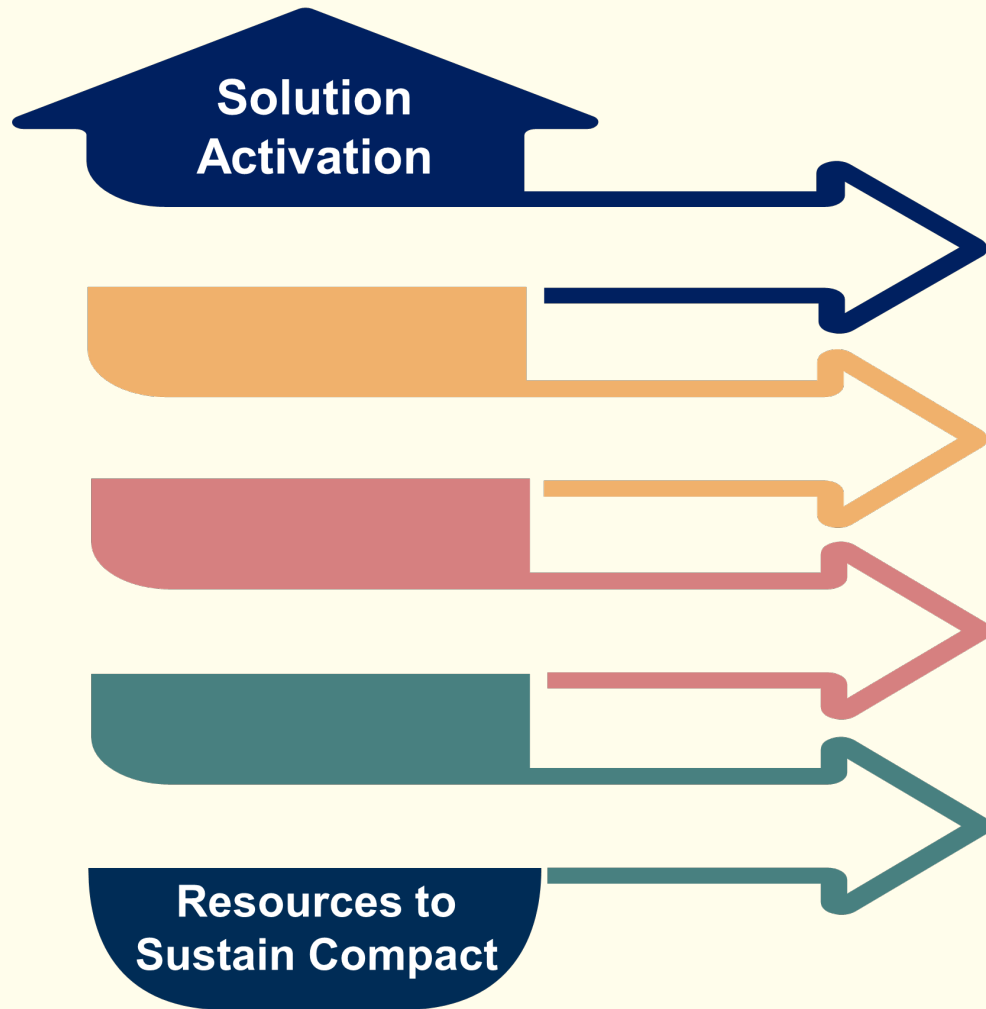
Pursue innovative solutions throughout the state to **achieve net-zero greenhouse gas emissions by 2050** and address “beyond carbon” sustainability elements of social and racial equity, economic opportunity, community health, and environmental quality



60+ Business Compact Members (and growing)



Four primary channels of Compact activity



Facilitate Collaboration

Identify, evaluate, and prioritize opportunities for collaborative action.

Catalyze Innovation

Design new and/or collaborate with existing models to inspire and elevate innovative ideas, technologies, and enterprises.

Create a Community of Practice

Organize collective learning experiences, knowledge exchanges, best practices sharing, and peer-to-peer coaching.

Report on Progress

Gather information/data to measure and report on the impact of collaborative initiatives and progress towards state-wide target.

Current Compact Initiatives Driven by Members



- ✓ **Carbon-free electricity and renewable energy credits**
- ✓ **Land sinks (e.g., trees, soils, marshes) with small landowner & corporate investor focus**
- ✓ **Efficiency and electrification of buildings**
- ✓ **Renewable natural gas opportunity assessment**
- ✓ **Regenerative agriculture & the local food economy**
- ✓ **Product circularity potential**



Adding to Compact momentum is the federal/state focus & evidence for “beyond carbon” benefits of investment

COMBINED JOBS, WAGE, TAX AND GSP IMPACTS OF MAJOR CLEAN ENERGY PROJECTS ANNOUNCED IN FIRST YEAR OF THE IRA

\$12.7 BILLION in total private capital investments
+ \$1.3 BILLION in *annual* investments during the operational life of projects

\$10.2 BILLION in labor income during construction phase
+ \$565.7 MILLION in labor income *annually* during the operational life of projects

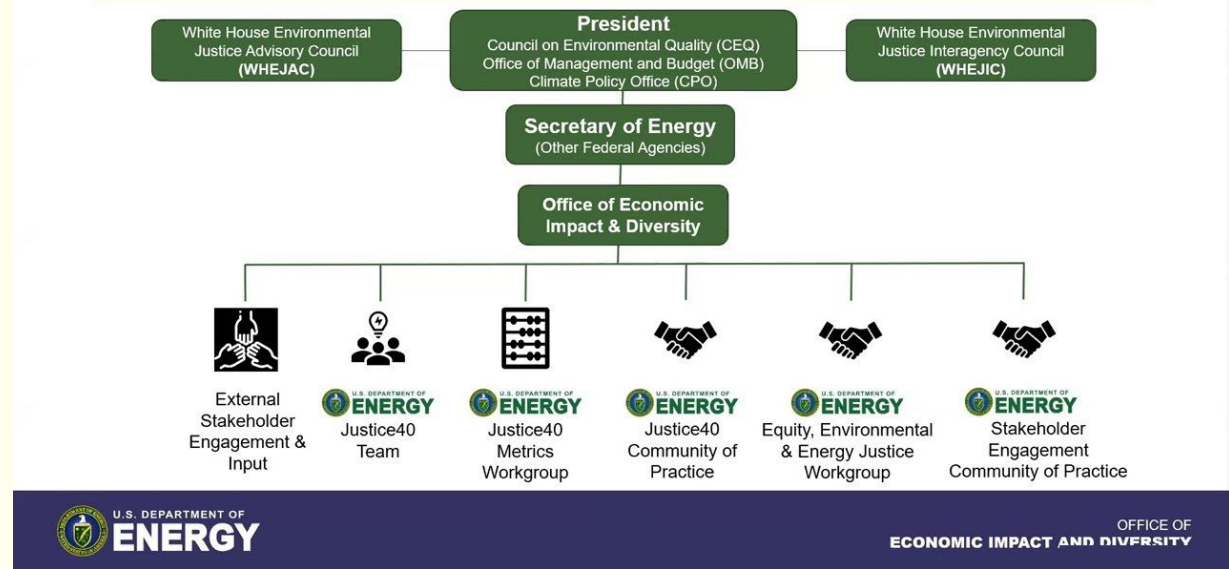
\$13.9 BILLION added to Georgia’s GSP during construction phase
+ \$926.5 MILLION added to Georgia’s GSP *annually* during the operational life of projects

\$2.6 BILLION in tax revenue generated during construction phase
+ \$175.4 MILLION in tax revenue generated *annually* during the operational life of projects

31,800 JOBS each year for 5 years during construction phase
+ 6,800 JOBS supported *annually* during the operational life of projects

Source: Georgia Clean Economy Works
<https://e2.org/reports/georgia-clean-economy-works-economic-impact-reports-2024/>

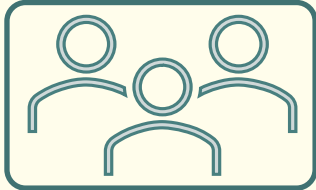
Implementing Justice40



What is expected of Business Compact members?



Support the target to achieve net-zero greenhouse gas emissions in Georgia by 2050



Participate in collaborative initiatives



Report annually on activities to support the state-wide target



Contribute resources to sustain the compact



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For more information contact:

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Managing Director & Professor of the Practice

Ray C. Anderson Center for Sustainable Business

Georgia Institute of Technology | Scheller College of Business

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Resources:

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

<https://cepl.gatech.edu/projects/Drawdown-Georgia>

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