



# Annual Sustainability Plan Report

Resilience and Sustainability Division  
Charleston County Government, South Carolina

2025



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# 2025 Accomplishments



- Charleston county's Resilience and Sustainability Division was officially formed with a Resilience & Sustainability Manager, Sustainability Coordinator, and a part-time intern.
- The team re-activated various sustainability initiatives, including:
  - The "Green Liaisons," an internal staff working group
  - Resilience and Sustainability Advisory Committee
  - Staff battery recycling program
- Three new Charleston Compost locations were launched throughout the county
- Closed the loop for plastic bag usage in Charleston county
- Socialized the Sustainability Plan through community outreach events
- Formalized program guidelines from county energy star tracking
- Created an active inventory of all ongoing local initiatives that support the goals outlined in the sustainability plan
- Hosted the inaugural Charleston county Resilience & Sustainability Symposium

# Big Moves & Implementation Strategies

## Big Moves

When creating the Sustainability Plan, best practices were used to ensure an accurate and robust report. Public engagement, technical modeling, and guiding principles were key factors in the creation of this plan. These methods allowed the county to identify five main areas to focus on to meet our sustainability goals, while also enhancing the economy, increasing affordability, improving public health, and creating resilient communities and infrastructure. These five areas are referred to as the “5 Big Moves,” which provide a structure for organizing the different actors and implementation strategies.

## Implementation Strategies

The plan outlines 53 implementation strategies, each informed by community input and technical modeling. When completed, these strategies are expected to help the county reach its greenhouse gas reduction targets. They are designed to guide projects and programs both within the county and throughout the broader community.

All strategies will undergo a comprehensive review after five years to evaluate accomplishments, assess progress toward emissions-reduction goals, and identify any necessary adjustments.

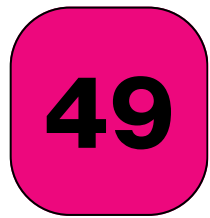
During the past year, we conducted a comprehensive inventory of initiatives taking place within Charleston County Government and across the community that correspond to the Strategies and the 5 Big Moves. Below, you will find the number of initiatives logged in connection with each of the 5 Big Moves and their corresponding strategies.

For more detailed information, please refer to the full Sustainability Plan available on our website.

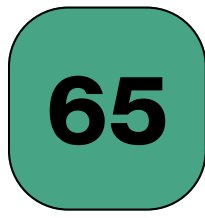
# Charleston County Initiatives

Throughout the year, we logged a total of **185 initiatives** that connect to the '5 Big Moves' outlined in the Sustainability Plan and fall within our recommended 53 Implementation Strategies.

*Note: Some initiatives connect to multiple Big Moves or Implementation Strategies. Duplicates were removed for clarity, and totals do not reflect internal plus external.*



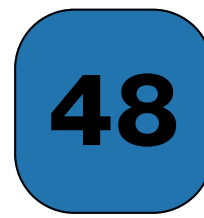
**Affordable  
& Resilient  
Buildings**



**Sustainable  
& Inclusive  
Transportation**



**Clean Energy  
For All**



**Innovative  
Industrial &  
Agricultural  
Sectors**



**Circular  
Economy**

## Implementation Strategies

These numbers represent initiatives across the county that support progress toward our sustainability goals. Much like water, greenhouse gases do not adhere to municipal boundaries. Achieving a more sustainable future will require partnership and collaboration across jurisdictions. This inventory helps raise awareness of projects underway throughout Charleston County and links these initiatives to the outcomes of our greenhouse gas inventories.

**Logged Initiatives  
Connected to the SP**

**Implementation Strategies  
Started**

External	Internal/ Partnership	Total
108	95	185
28/53	25/53	34/53

**64%**

5

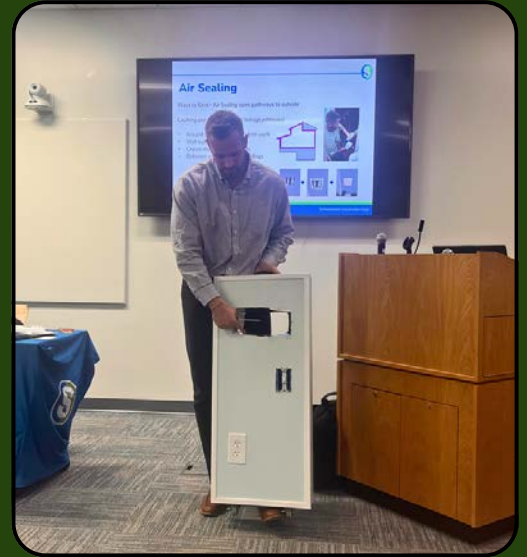


# Outreach

Building a more sustainable future requires teamwork, collaboration, and broad community engagement. To that end, the Resilience & Sustainability Division is committed to conducting robust outreach and socializing what Charleston County has to offer. In 2025 alone, we're proud to have hosted or participated in 35 outreach events, 30 of which were directly related to the Sustainability Plan.



SeaRise Stroll in the Ten Mile Community



Staff Energy Savings Workshop



Dorchester Library Trunk or Treat

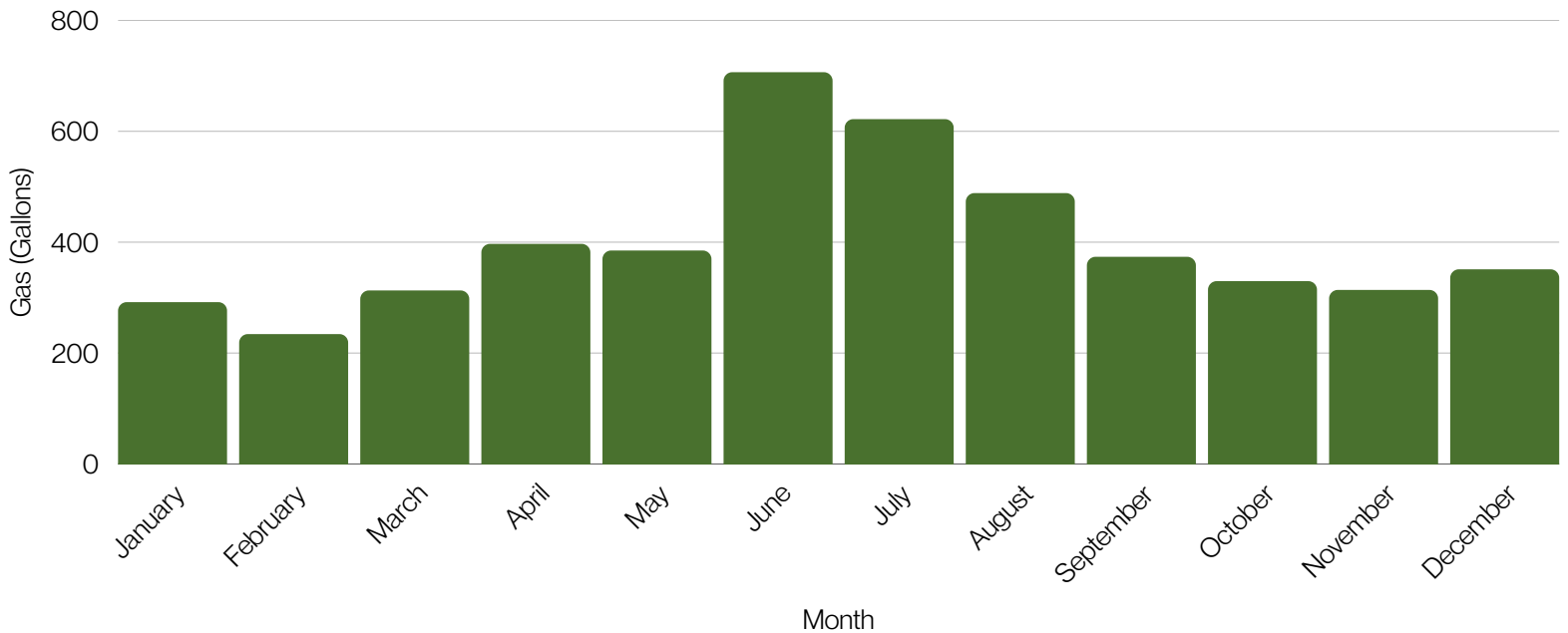


Inaugural Charleston County Resilience & Sustainability Symposium

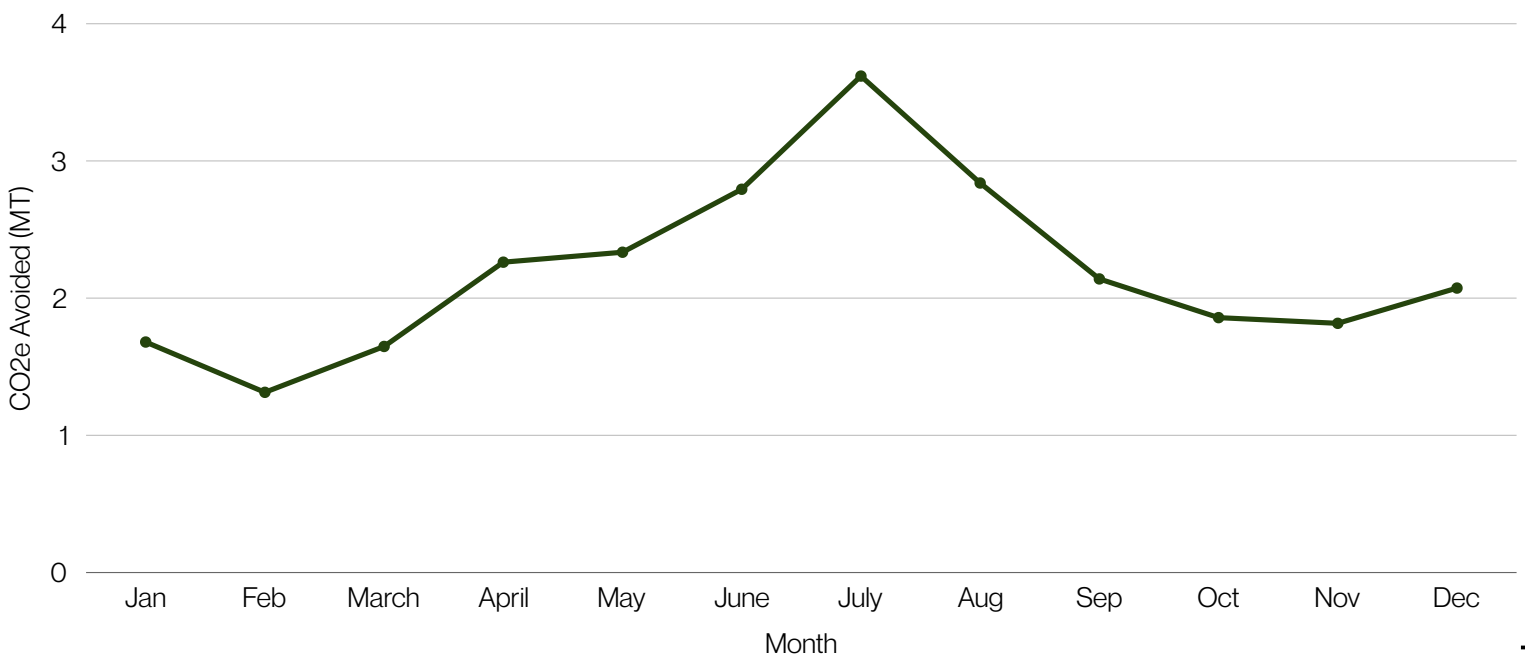
# Electric Vehicles & Charging

Charleston County currently operates **6** fully electric vehicles, **3** of which were funded by the South Carolina Energy Office.

2025 Gasoline Saved From EV Charging & County Vehicles



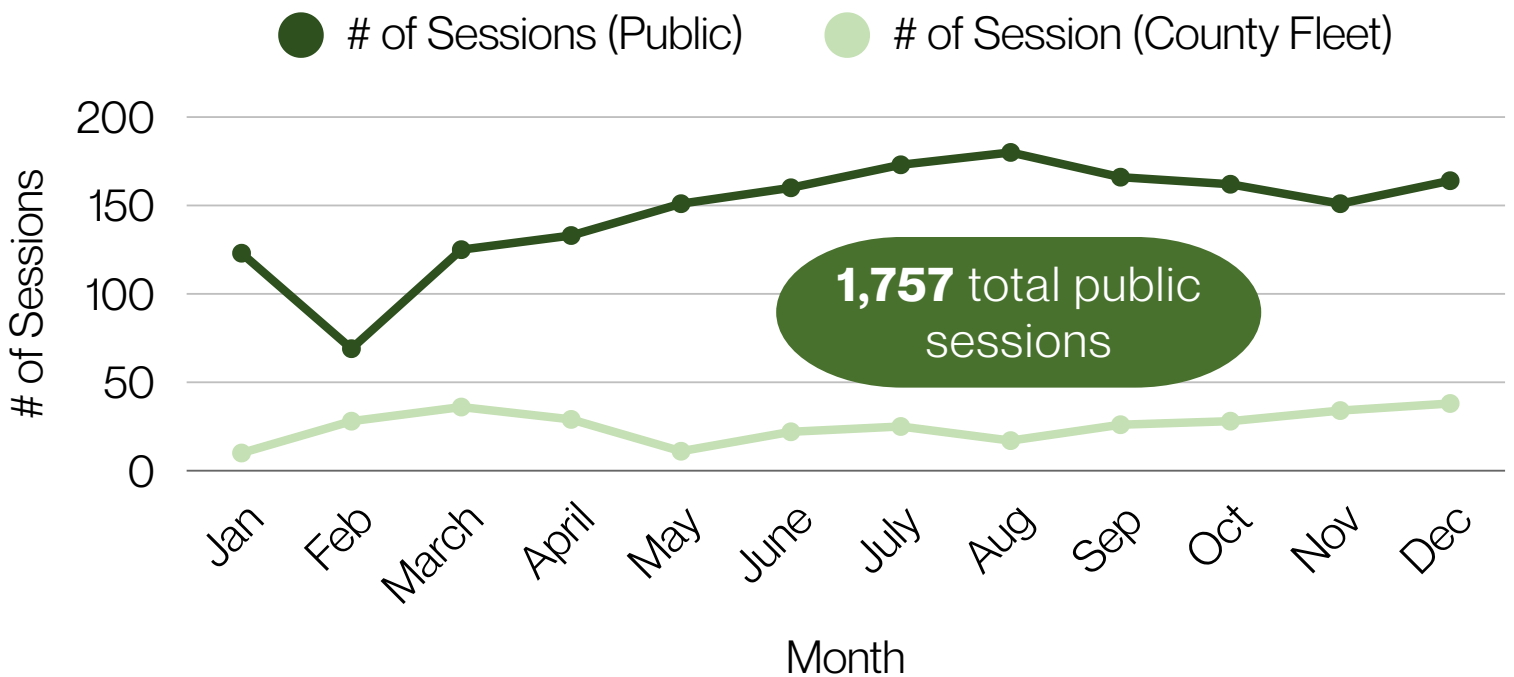
CO2e Avoided From EV Chargers & County Vehicles



# Electric Vehicles & Charging



## EV Charger Usage



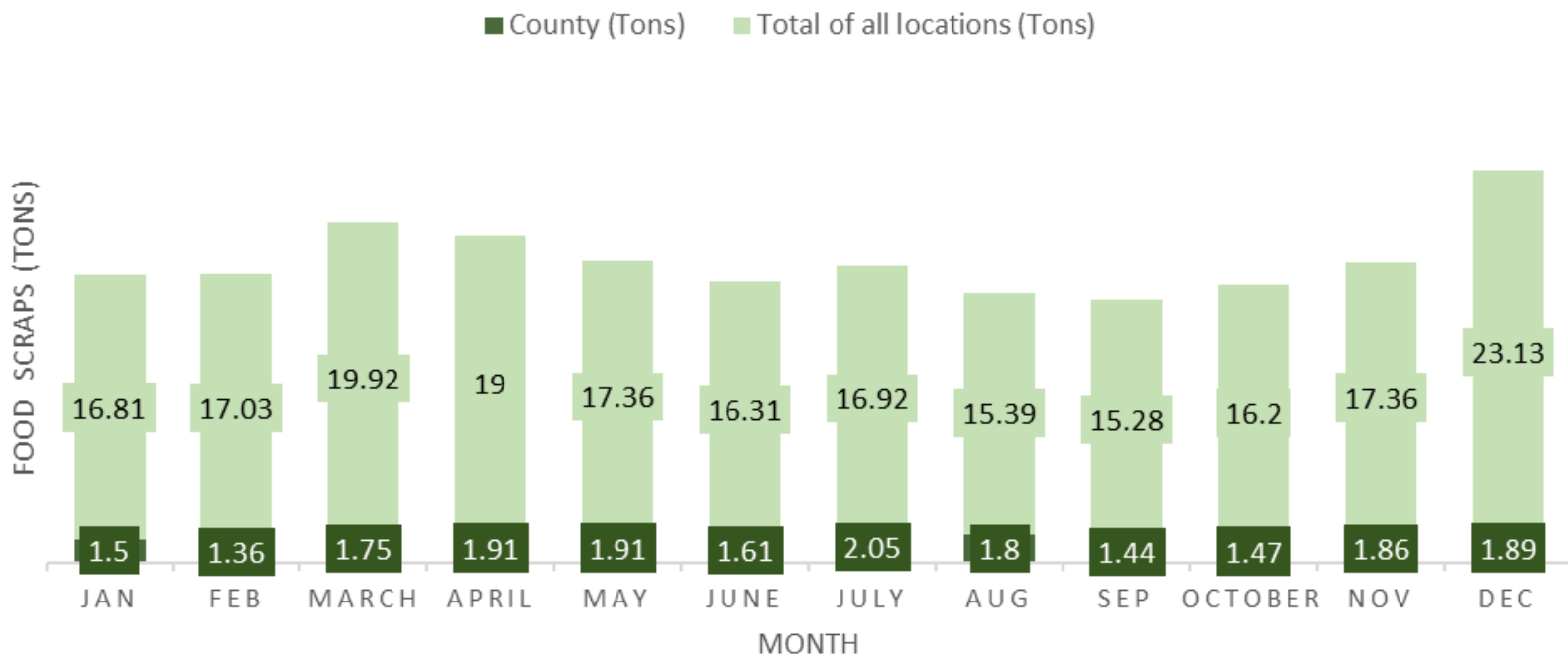
**9,014** total miles driven  
in 2025 County EV's



**2.9** Metric tons of  
CO2e prevented

# Charleston Compost

## 2025 FOOD WASTE RECEIVED



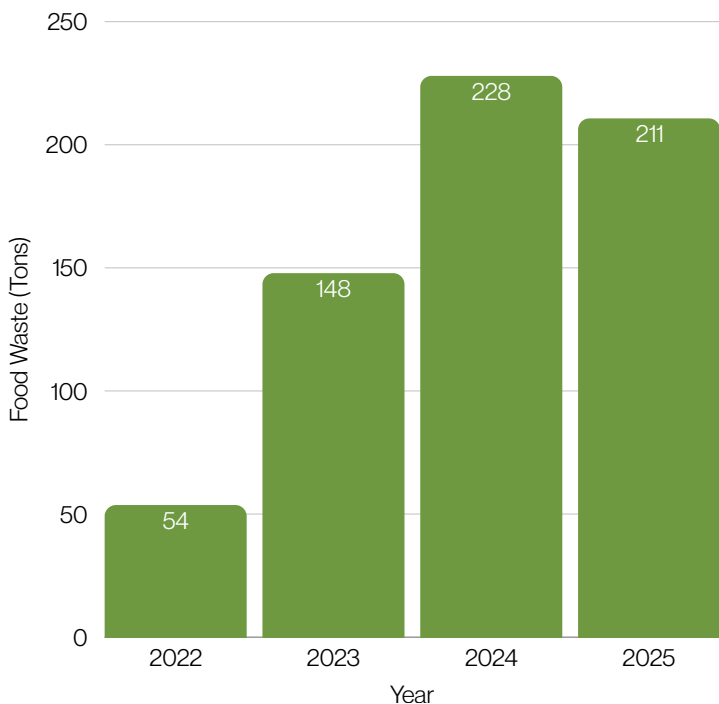
## Three new food waste drop sites opened in 2025

- Mosstree Park
  - City of North Charleston
- Martin Park
  - City of Charleston
- School of Natural & Environmental Science
  - College of Charleston



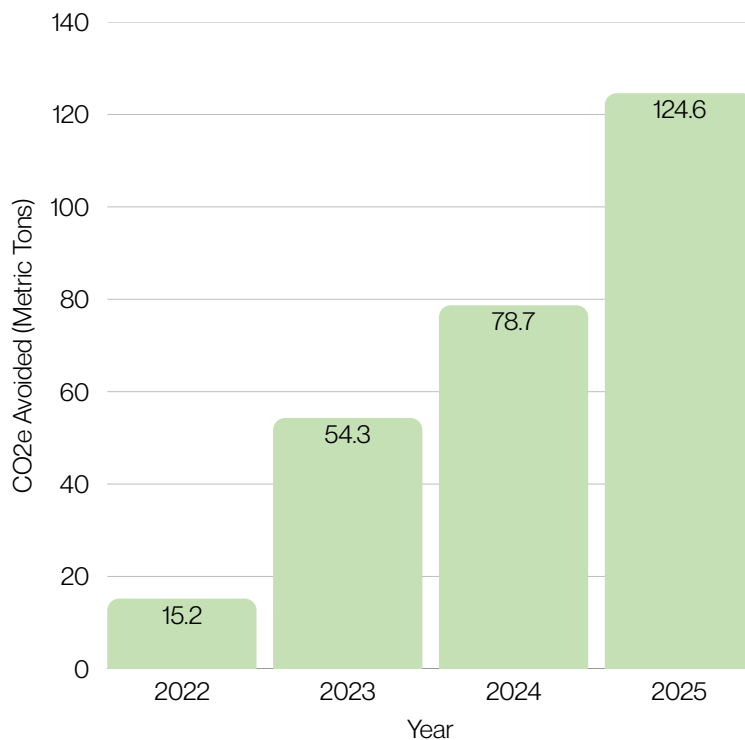
# Charleston Compost

2022- 2025 Food Waste



CofC compost grand opening event

Greenhouse Gasses Avoided 2022-2025



Compost facility tours

# Ongoing Projects

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- **Energy Savings Performance Contract**

- A partnership with Trane established to design and install energy-savings projects on select Charleston County facilities. This is a “pay-as-you-save” model that reduces energy use and costs without requiring initial capital investment. This project will result in significant energy savings over time.
- 

- **Residential Energy Audit & Weatherization Program**

- The County received funds from the South Carolina Energy Office to provide 20 energy audits to homes throughout Charleston County. Assessing the results of those energy audits, 8 homes will be selected for full-home weatherization. The goal of this project is to reduce energy loss in residential homes, leading to lower utility bills and significant reductions in greenhouse gas emissions.
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- **Collaboration with the Berkely- Charleston- Dorchester Council of Governments (BCDCOG)**

- The county is an active partner in the creation of the BCDCOG’s climate action planning. This collaboration will ensure local and regional alignment on all sustainability goals and actions taken.



# Connect with Us!

 resilient.chsco

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 <https://www.charlestoncounty.org/ccrs/>

## Sustainability Plan updates and Inventory



**Scan above or click  
here**

## Sustainability Plan



**Scan above or click  
here**