

Charleston County Sustainability Plan



What is the Sustainability Plan?

The Charleston County sustainability plan is a roadmap for the community to reduce greenhouse gas emissions, increase energy efficiency, advance equity objectives and increase affordability for households and businesses.

Why is it important for the County to have a Sustainability Plan?

The sustainability plan allows the County and its residents to leverage federal funding for a wide range of initiatives. The plan is Charleston County's contribution to addressing climate change. It describes actions to create new jobs and increase energy efficiency. It also looks at how the energy system is changing and will continue to change and how Charleston County can ensure these changes benefit community members.

The Big Moves are five key focus areas through which Charleston County can most effectively achieve greenhouse gas emissions reductions.

Big Move 1 Affordable and Resilient Buildings



- Construct new buildings to net-zero standards
- Deep retrofit existing buildings

Big Move 2 Sustainable and Inclusive Transportation



- Create complete communities
- Expand transit and active infrastructures
- Switch to zero-or-low emission vehicles

Big Move 3 Clean Energy for All



- Advocate for grid decarbonization
- Increase local, renewable energy generation capacity

Big Move 4 Innovative Industrial and Agricultural Sectors



- Improve industrial sector processes
- Improve and electrify agricultural sector processes

Big Move 5 Circular Economy



- Reduce waste generation
- Increase waste diversion from landfill