

CHARLESTON GREEN PLAN INITIATIVES

ID	BETTER BUILDINGS	CLEANER ENERGY	SUSTAINABLE COMMUNITIES	IMPROVED TRANSPORTATION	ZERO WASTE
A	Expand Resolution 2008-05 requiring all new City buildings and renovations meet LEED Gold or Charleston's new building	Establish an "Efficiency First" principle to guide all of City energy use decisions about buildings and land use.	Encourage compact, complete and mixed use communities.	Keep "vehicle miles traveled" within the City at the 2010 level, establish a method for quantifying VMT's.	Pass a Zero Waste Resolution that sets a goal to reduce the volume and weight of the City's waste to zero or near zero
B	Create a new standard for sustainable building in Charleston inspired by the 2030 Challenge and LEED Gold metrics.	Encourage SCE&G to employ robust Demand-side Management (DSM) programs and review franchise agreement to encourage DSM and other energy conservation measures.	Encourage infill development and the retrofit of suburban areas.	Move the city toward a fully multi-modal transportation system by enacting a citywide multi-modal transportation plan	Work with Charleston County, other municipalities, and private businesses to create and maintain a solid waste system that places the highest value on waste reduction, recycling, and
C	Create guidelines that suggest how to integrate modern sustainable design and construction practices into the preservation, restoration, and adaptation of historic buildings.	Use energy management systems in buildings to monitor energy uses.	Encourage Sustainable "Traditional Neighborhood Design", such as supporting biking, walking, and neighborhood retail and essential services being closeby where people live.	Adopt and implement a Complete Streets Ordinance	Implement per-unit system for waste collection and disposal fees.
D	Incentivize private development to meet Charleston RISES, a new building certification program.	Develop energy-efficient procurement standards for the City with a green life-cycle purchasing policy.	Ensure affordable housing is indistinguishable from, and as marketable as, other forms of housing.	Support employer-based programs that encourage alternative transportation.	Improve bulky trash collection.
E	Annually disclose utility data for all City properties.	Maintain and expand present relationship with energy service companies.	Establish minimum thresholds for achieving diversity of housing types in new neighborhoods.	Encourage vehicle-free tourism by restricting vehicle travel on certain streets, increased availability of bike rentals, enhancing public transit.	Require the City to purchase environmentally preferable products.
F	Ordinance to require utility data disclosure by sellers of residential and commercial property.	Create a Charleston Climate Partnership with major energy consumers that challenges large energy users and near-by communities to work together to reduce energy consumption.	Encourage affordable and workforce housing by permitting accessory dwelling units (ADUs).	Require CARTA bus stops and sheds within new developments and redevelopments along current and proposed CARTA routes.	Improve data collection on waste, recycling, and composting.
G	Develop a home and business weatherization program.	Establish an alternative financing program to facilitate energy efficiency.	Encourage local, sustainable food production by protecting agricultural land, particularly beyond the Urban Growth Boundary.	Establish a City policy stating that meeting and event sites should be within a five minute walk of CARTA or Tri-County Link route stops.	Facilitate composting and mulching of all organic waste.
H	Increase financing and funding opportunities for sustainable building projects.	Study the possibility of a four-day workweek with departments and the community.	Encourage local, sustainable food production by allowing and promoting food production, and permitting food distribution in residential neighborhoods.	Adopt and implement a City bicycle and pedestrian plan.	Improve recycling of hazardous and electronic waste.
I	Develop a communications and public engagement plan.	Develop a strategy that will result in 15% of City electrical energy needs being met from renewable energy sources by 2020.	Create farmers markets and support the creation of food-based gardens at schools, rooftops, parks, etc.	Restripe corridors for bicycle use.	Increase recycling of construction waste (created by private projects).
J	Undertake an aggressive public relations and community education campaign. Include a volunteer training program.	Help develop large-scale sources of renewable energy by supporting and/or undertaking feasibility studies of potential renewable energy sources, including wind, solar, tidal, and wave energy.	Offer incentives for landowners willing to farm in a holistic, sustainable way.	Apply for and acquire "Bicycle Friendly Community" status.	Increase recycling of construction waste (created by City projects)
K		Encourage on-site generation of renewable energy (City property) by studying the technical and legal feasibility of on-site renewable energy facilities for City buildings, as well as off-grid retrofits for specific building functions such as solar lighting, space heating, and hot water heating.	Consider creating a development impact fee.	Provide incentives for City employees to commute or conduct business using bicycles.	Redesign residential recycling program for ergonomics and increased recycling.
L		Encourage on-site generation of renewable energy (private property) by creating incentives, applying for renewable energy grants, investigating financing mechanisms to amortize upfront costs, and providing information on city website.	Plan sustainable neighborhoods, then plan transportation to support them	Set high standards for the purchase, use, and maintenance of City vehicles.	Encourage the County to add cardboard and all plastics #1 through #7 to residential recycling
M		Encourage SCE&G to bring Smart Grid technology to Charleston.	Create a regional public transit plan and a citywide "multimodal" transportation plan, then encourage "transit-oriented development."	Support reduction of emissions from freight-related trucks, trains, and ships.	Require residential recycling.
N		Establish and implement an education and training program on energy and the environment.	Revise engineering standards to minimize water pollution, reflect "nature as infrastructure" principles, and use less energy.	Support strict enforcement of speed limits.	Require commercial recycling, and make it easy and beneficial for business owners.
O			Reduce heat island effect by developing an Urban Forestry Master Plan and utilizing trees.	Study the benefits of providing free or preferred parking for high efficiency vehicles on City and County lots and decks.	Provide a recycling bin next to each public trash bin.
P			Reduce urban heat effect by using green roofs and rooftop gardens, as well as light-colored, reflective roofing and pavements.	Improve vehicle flow by using transportation system management.	Require recycling at local events.
Q			Implement sustainable parking strategies such as shared parking, reducing parking requirements, shared vehicles, etc.	Support anti-idling programs and technologies.	Create energy from residual solid waste, using the landfill as a last resort.
R			Review and amend City codes that have roadblocks to sustainable development.	Research a property tax assessment on vehicles that is based on emissions rather than value.	Create a Zero Waste Education Plan
			Create and implement a sea level rise adaptation plan.	Support purchase, use, and appropriate maintenance of high efficiency vehicles for the CARTA fleet.	Educate builders about construction debris.
			Create education programs both internally and with the public.	Work with DHEC and other local governments and private entities to promote voluntary lawnmower exchange programs.	Create and advertise a guide to help businesses reduce waste.
				Raise public awareness of the need to reduce air pollution outdoor burning and emissions from inefficient, outdoor woodburning stoves.	
TOTAL INITIATIVES		85	100%	Last Updated 11/13/2019	

KEY

Completed / Ongoing	45	53%
Started	13	15%
Not Started	27	32%