

Charleston Green Plan Initiatives									
ID	Better Buildings		Cleaner Energy		Sustainable Communities		Improved Transportation		Zero Waste
A	<div></div>	Expand Resolution 2008-05 requiring all new City buildings and renovations meet LEED Gold or Charleston's new building	<div></div>	Establish an "Efficiency First" principle to guide all of City energy use decisions about buildings and land use.	<div></div>	Encourage compact, complete and mixed use communities.	<div></div>	Keep "vehicle miles traveled" within the City at the 2010 level, establish a method for quantifying VMT's.	<div></div> 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	<div></div>	Create a new standard for sustainable building in Charleston inspired by the 2030 Challenge and LEED Gold metrics.	<div></div>	Encourage SCE&G to employ robust Demand-side Management (DSM) programs and review franchise agreement to encourage DSM and other energy conservation measures.	<div></div>	Encourage infill development and the retrofit of suburban areas.	<div></div>	Move the city toward a fully multi-modal transportation system by enacting a citywide multi-modal transportation plan	<div></div> 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	<div></div>	Create guidelines that suggest how to integrate modern sustainable design and construction practices into the preservation, restoration, and adaptation of historic buildings.	<div></div>	Use energy management systems in buildings to monitor energy uses.	<div></div>	Encourage Sustainable "Traditional Neighborhood Design", such as supporting biking, walking, and neighborhood retail and essential services being closeby where people live.	<div></div>	Adopt and implement a Complete Streets Ordinance	<div></div> Implement per-unit system for waste collection and disposal fees.
D	<div></div>	Incentivize private development to meet Charleston RISES, a new building certification program.	<div></div>	Develop energy-efficient procurement standards for the City with a green life-cycle purchasing policy.	<div></div>	Ensure affordable housing is indistinguishable from, and as marketable as, other forms of housing.	<div></div>	Support employer-based programs that encourage alternative transportation.	<div></div> Improve bulky trash collection.
E	<div></div>	Annually disclose utility data for all City properties.	<div></div>	Maintain and expand present relationship with energy service companies.	<div></div>	Establish minimum thresholds for achieveing diversity of housing types in new neighborhoods.	<div></div>	Encourage vehicle-free tourism by restricting vehicle travel on certain streets, increased availability of bike rentals, enhancing public transit.	<div></div> Require the City to purchase environmentally preferable products.
F	<div></div>	Ordinance to require utility data disclosure by sellers of residential and commercial property.	<div></div>	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.	<div></div>	Encourage affordable and workforce housing by permitting accessory dwelling units (ADUs).	<div></div>	Require CARTA bus stops and sheds within new developments and redevelopments along current and proposed CARTA routes.	<div></div> Improve data collection on waste, recycling, and composting.
G	<div></div>	Develop a home and business weatherization program.	<div></div>	Establish an alternative financing program to facilitate energy efficiency.	<div></div>	Encourage local, sustainable food production by protecting agricultural land, particularly beyond the Urban Growth Boundary.	<div></div>	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.	<div></div> Facilitate composting and mulching of all organic waste.
H	<div></div>	Increase financing and funding opportunities for sustainable building projects.	<div></div>	Study the possibility of a four-day workweek with departments and the community.	<div></div>	Encourage local, sustainable food production by allowing and promoting food production, and permitting food distribution in residential neighborhoods.	<div></div>	Adopt and implement a City bicycle and pedestrian plan.	<div></div> Improve recycling of hazardous and electronic waste.
I	<div></div>	Develop a communications and public engagement plan.	<div></div>	Develop a strategy that will result in 15% of City electrical energy needs being met from renewable energy sources by 2020.	<div></div>	Create farmers markets and support the creation of food-based gardens at schools, rooftops, parks, etc.	<div></div>	Restripe corridors for bicycle use.	<div></div> Increase recycling of construction waste (created by private projects).
J	<div></div>	Undertake an aggressive public relations and community education campaign. Include a volunteer training program.	<div></div>	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.	<div></div>	Offer incentives for landowners willing to farm in a holistic, sustainable way.	<div></div>	Apply for and acquire "Bicycle Friendly Community" status.	<div></div> Increase recycling of construction waste (created by City projects)
K			<div></div>	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.	<div></div>	Consider creating a development impact fee.	<div></div>	Provide incentives for City employees to commute or conduct business using bicycles.	<div></div> Redesign residential recycling program for ergonomics and increased recycling.
L			<div></div>	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.	<div></div>	Plan sustainable neighborhoods, then plan transportation to support them	<div></div>	Set high standards for the purchase, use, and maintenance of City vehicles.	<div></div> Encourage the County to add cardboard and all plastics #1 through #7 to residential recycling
M			<div></div>	Encourage SCE&G to bring Smart Grid technology to Charleston.	<div></div>	Create a regional public transit plan and a citywide "multimodal" transportation plan, then encourage "transit-oriented development."	<div></div>	Support reduction of emissions from freight-related trucks, trains, and ships.	<div></div> Require residential recycling.
N			<div></div>	Establish and implement an education and training program on energy and the environment.	<div></div>	Revise engineering standards to minimize water pollution, reflect "nature as infrastructure" principles, and use less energy.	<div></div>	Support strict enforcement of speed limits.	<div></div> Require commercial recycling, and make it easy and beneficial for business owners.
O					<div></div>	Reduce heat island effect by developing an Urban Forestry Master Plan and utilizing trees.	<div></div>	Study the benefits of providing free or preferred parking for high efficiency vehicles on City and County lots and decks.	<div></div> Provide a recycling bin next to each public trash bin.
P					<div></div>	Reduce urban heat effect by using green roofs and rooftop gardens, as well as light-colored, reflective roofing and pavements.	<div></div>	Improve vehicle flow by using transportation system management.	<div></div> Require recycling at local events.
Q					<div></div>	Implement sustainable parking strategies such as shared parking, reducing parking requirements, shared vehicles, etc.	<div></div>	Support anti-idling programs and technologies.	<div></div> Create energy from residual solid waste, using the landfill as a last resort.
R					<div></div>	Review and amend City codes that have roadblocks to sustainable development.	<div></div>	Research a property tax assessment on vehicles that is based on emissions rather than value.	<div></div> Create a Zero Waste Education Plan
<div>KEY</div> <div> <div></div> Completed / Ongoing <div>45</div> 53% </div> <div> <div></div> Started <div>13</div> 15% </div> <div> <div></div> Not Started <div>27</div> 32% </div> <div> TOTAL INITIATIVES <div>85</div> 100% </div>					<div></div>	Create and implement a sea level rise adaptation plan.	<div></div>	Support purchase, use, and appropriate maintenance of high efficiency vehicles for the CARTA fleet.	<div></div> Educate builders about construction debris.
					<div></div>	Create education programs both internally and with the public.	<div></div>	Work with DHEC and other local governments and private entities to promote voluntary lawnmower exchange programs.	<div></div> Create and advertise a guide to help businesses reduce waste.
							<div></div>	Raise public awareness of the need to reduce air pollution outdoor burning and emissions from inefficient, outdoor woodburning stoves.	
					Last Updated 11/13/2019				