

Sustainability Advisory Board Worksheet for Priority Setting 2019/2020

Within this document are all previous possible priorities as scored by members of the Sustainability Advisory Board in years past. Most of the actions came directly from the [Climate Action Plan](#). Cited Plan Numbers in first column and page numbers in second column are from Climate Action Plan. If an item was new, the year it was recommended is also cited. If found in the Monroe County Action Plan (MCAP), it is noted.

Each SAB Member gets to rank and label their top 10 priorities, 1 being highest. Each section has additional space to add new or opportunistic actions not found in the original Climate Action Plan. Send back to Alison by the date set by SAB. We will go over the highest ranked actions at the May meeting, culminating in a final ranking to be presented to the City Commission end of May.

Adaptation

8.0	24-32	ADAPTATION: Adaptation planning for sea level rise	Increase education on mitigation and raising. (FIRM) Increase pervious areas and cistern use. Change PACE to allow for floodproofing. Update LDR's for more CRS points (FIRM) and smarter building.	
8.2	27	ADAPTATION: Creation of a climate change preparedness team	Have a loose team of Sustainability, Engineering, FEMA Liaison, Planning, and Building.	

Energy

New:18		ENERGY: Solar push: Solar Co-ops, FKCC, USGBC, PACE financing.	PACE is almost operational. League of Women Voters wants to support. Presentations 4/17/20 to group meeting of LWV, Green Drinks and Womens March.	
New:18		ENERGY: Establish Renewable Portfolio Standard (RPS) for City Govt MCAP: 1-27: increase green demand, 2-23 RPS		
6.1.1		Replace Standard street lights with LED lighting.		
6.1.7 6.1.8	17	Publish Energy Use Data: 24 months of City of Key West energy consumption 24 months of total and per capita energy consumption by all residences and businesses.	Energy Manager could help?	

6.4.1.	18	Hire energy manager	Done, Terry Justice allocates 25% time.	
10.9.3	43	Hire an energy manager to perform energy audits		
6.1.5e	17	6.1: Energy –Partner with Utility Board of the City of Key West to develop a series of goals, timelines and benchmarks to reduce GH. Partner in rebate and marketing program to promote conservation as cost effective “climate action”. Also MCAP 1-15/16: Monroe Energy Audits/Manager	Develop Energy program. Focus on business owners/managers through events with Lodging Association, Green Drinks, TDC and/or Chamber. Adopt 5 companies who are willing to make change.	
9.2.4	34	Partner with Keys Energy to provide enhanced home energy audits. 17/18 KES Goals: Develop programs to conserve energy Evaluate use of renewables for customers, KES and FMPA Implement a Sustainability Operations Plan		
10.9	43	Facilities: LED lighting in all city buildings.	Get upgraded when they burn out.	
10.9.1 6.4.3 6.4.1	43; 18 18	ENERGY: Facilities: Perform commercial grade energy audits of all City owned buildings. Buildings: Implement green office audit for all City owned buildings with milestones, goals, and timelines – develop recognition system for staff. Share audit program with other public agencies. Audit Energy in city owned buildings.	City’s buildings use 18% of City’s GHGs and \$900,000 operational budget. Worst functioning buildings are: <ul style="list-style-type: none"> • Dockmasters (will be replaced soon) • MLK Pool • Palm Ave facility • Bight Bath-house • Sports Fields 	

Outreach/Education

4.0 7.2 New:18	13	OUTREACH: CAP: Educate and promote market transformation increased efficiencies and renewable energy services and products for buildings. Emphasis to be on increasing transportation, energy and water sustainability.	Overhaul to Transit = TDP Mandatory Green building for Commercial Green MLS with Realtors. FKCC Solar, Hospitality Programs (MCPA 2-9)	
6.4.2	18	Buildings: Create an outreach program to reach every resident and <u>business manager</u> and educate them in using simple clear actions that will save money and reduce greenhouse gas emissions.	Green Business. Quarterly Classes Involve Energy Managers.	

7.1	20	OUTREACH: Green Coordinator to maximize collaborative efforts.	Need assistance.	
7.1	20	OUTREACH: Mandate educational programs to encourage all City and County department heads and their employees towards a changed path of building priorities to include sustainability in their departments.	Have backslid on vehicle ordering Need Green Procurement (MCAP 1-35) Recycling Push	
7.2	21	OUTREACH: Establish a strategy to establish closer ties to community entities who have not yet totally embraced sustainability including Monroe County Ext. 'Master Gardener', 'TDC', etc.	Work closely with Extension. TDC is interested.	
7.21	21-24	OUTREACH: Marketing and Advertising:	Monthly eNews Preserve Island Life: 1,443 Facebook follows Car Free Key West: 4,028 follows Key West Recycles: 1,072 follows Press Releases / Media Interviews	
9.1	33	Commercial Climate Challenge	Green Business Certification. Need funds from Solid Waste to keep website going.	
9.2.3	34	Residential Climate Challenge: Create a marketing program to reach <u>every resident</u> to promote green issues;	Monthly Themes, workshops and presentations via Green Drinks or other groups.	
9.2.13	34	Residential Climate Challenge: Awards will be given to residents who enter the challenge and show excellent progress.	Market as "Affordable Housing" program. Reduce water and energy use. Almost started in 2018. Need assistance.	

Planning/ Building

6.5.4	19	PLANNING/BUILDING: Sustainability/Sequestration: Use "Smart Growth" principals for all developments and redevelopments in Key West. Actively encourage the extensive use of green building techniques in all renovations and new construction.	Make new commercial buildings build to green standards. Make renovations reduce energy/water usage.	
NEW: 18 6.5.4 continued		PLANNING/BUILDING: Assure that credentialed green sustainability guidelines and BPAS are followed from the inception of Design	Encourage USGBC, FGBC and ARCSA Accredited Professional is involved in the Design phase of each project,	

		Team and construction through CO to assure efficacy and monetary savings for all concerned.	preferably with donated time. ‘Assistance comes with GREEN CITY FGBC CERTIFICATION’	
10.7	42	Planning and Building	Finish Land Development Regulations	

Progress / Indicators

New: 15	#3	PROGRESS/INDICATORS: Secure interns on regular basis	Need \$ set aside in budget. FY15 Priority	
CAP Intro 3.0	3 10- 11	PROGRESS/INDICATORS: Inventory results achieved in first 5-6 years, 2009-2015. Analyze, publicize, and develop mid-term goals (2016-2025). GHG Progress Indicators: Milestone 5: Monitor emissions reductions and verify results.	Finish 2015 analysis. Create easy annual analysis.	
5.0	38 15 17	PROGRESS/INDICATORS: Lead by example City is the third largest user of commercial energy. Continue City’s efforts to reduce carbon footprint – publicize results and \$\$ saved.		
7.2	21	Education and Outreach: Annual Report <i>Present results of the City’s actions, and SAB goals, in Commissioner District meetings, and Mayor’s annual address to Chamber of Commerce.</i>	Ongoing. As close to just past Earth Day as possible.	
8.3	30	PROGRESS/INDICATORS: Establish benchmarks for the long-term local KW monitoring of energy and water sustainability performances to include our own [visible to the community] sea level water rise.	Annual GHG and energy/water use report.	
10.4.1	42	PROGRESS/INDICATORS: Become Green City Certified	\$4,000 committed to budget. Need assistance to document.	

Solid Waste

New:15	x	SOLID WASTE: Ban Plastic Bags MCPA 2-37	Watch Coral Gables lawsuit.	
New:18		SOLID WASTE: Reduce transportation of garbage, create energy.	Navy Project: Possible Gasification Plant	
9.1 New:15	33	Commercial Climate Challenge: Incentivize Keys only Publix and W/D to reduce their costs and promote green by charging .10 per plastic or paper bag per customer plus add plastic recyclables to be carted north on their empty trucks.	Watch Coral Gables lawsuit	
9.2.12? 10.4.1.9	34 41	Recycling - education	Need more staff	
9.1.12	33	SOLID WASTE: Improve Recycle Rates. Pay as you throw trash (incentivize composting, recycle, reduce) offer electronic waste, lamp waste, battery waste)	Mandatory Commercial Recycling Green To Go Ordinance	
10.4.2.	41	Promote waste reduction strategies; green business certifications, recycling, hazardous and E-Waste drop off, light bulb drop off;	Advertised monthly	
NEW:19		Seek new uses for glass, as our recycling provider will stop taking it when the contract ends.	Canal filling, road work, decorative mulch.	

Transportation (36)

9.4 9.5	36- 37	TRANSPORTATION: Set a goal for the city to become “Key West –the Best Bicycling City in the USA!” Transit Challenge Bicycle Pedestrian Challenge	See above, plus: Obtain Bike Friendly Certification Obtain Walk Friendly Certification 5 th Annual Green Commute Challenge	
9.5 New:15	36	TRANSPORTATION: Increase commute efficiency with emphasis on a totally separate and dedicated “Pedestrian and Bicycle Master Plan” to include “Bicycle Maintenance and Repair Stations”.	Pending grant for repair stations. Put on City Map.	
9.4	36	Key West Transit Challenge: <i>Increased bike racks on or behind buses (done)</i> <i>More videoed secure bike racks at bus stops and stores.</i> <i>Reduce personal vehicle use by increasing bike amenities to public.</i>	Bike share at specific high traffic stops	

10.1	39-40	TRANSPORTATION: Less cars on the road. <i>Enhance Bus and bike ridership. Bike share plan. Improve public transportation. Possible Intercity trolley around Old Town (Done)</i> MCAP: 1-7: Workplace Wellness, 1-17 EV's, 2-22 Bike Safety, 2-40 Bike Share	Bikes: Pass/Implement Bike Ped Master Plan. Transit: KWIC/Route haulover/Google Cars: Commuter carpools, Carshare. Tourists: Work w TDC to reduce car trips. VW Grant: EV Infrastructure	
10.2.3 10.2.4 10.2.5	40	TRANSPORTATION: Partner with bike shops to teach people how to fix bikes and rider safety. Enhance grade school bike education AND Offer adult bike riding lessons;	SFL Commuter Services working with schools. MCSO has Bike grant this year.	

Water

8.2	27	WATER: Educate and promote benefits of rainwater collection for all uses to include potable and off-the-grid net-0 self-sufficiency. This to maximize reduction and dependence on mainland water reservoirs.	More education on cisterns, especially to BPAS awardees.	
NEW: 19		WATER: Keep abreast of FPLs salt water plume.		

Other/New

New: 15	X	Community Gardening	Assisted with new garden at Outreach Coalition housing at Poinciana in 2018. Recommended Douglass Gym garden 2019.	
New:15	X	Leaf Blower Ordinance	Report complete 2018. Workshop still needs to be scheduled.	