

## Sustainability Advisory Board

### Worksheet for Priority Setting 2016/2017

**Cited Plan Numbers in first column and page numbers in second column are from Climate Action Plan, unless otherwise noted.**

Plan	Pg	Step	Notes	Score
<b>Energy (56) - Tie</b>				
6.4.1.	18	Hire energy manager	Sustainability Coordinator requires additional staff to take on energy audits and retrofits of City's buildings (18% of City's GHGs and \$900,000 operational budget).	16 (6)(10)
10.9.3	43	Hire an energy manager to perform energy audits	Additional staff important to accomplish goals efficiently.	
10.9.1;	43;	Facilities: Perform commercial grade energy audits of all City owned buildings.	City's buildings use 18% of City's GHGs and \$900,000 operational budget.	(9)
6.4.3	18	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.	<ul style="list-style-type: none"> <li>Requires additional staff</li> </ul>	
6.4.1	18	Audit Energy in city owned buildings.	Pick one building to use as example of real cost savings. Commercial electric is one of the largest contributors to GHG.	(8)
6.1.5e	17	Energy: Partner in rebate and marketing program to promote conservation as cost effective "climate action".	6.1: Energy –Partner with Utility Board of the City of Key West to develop a series of goals, timelines and benchmarks to reduce GHG through: (e)	(7)
10.9 New	43	Facilities: LED lighting in all city buildings.	This is a no brainer. Saves money and reduces electric consumption.	(7)
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.		(6)
9.2.4	34	Partner with Keys Energy to provide enhanced home energy audits.		(3)

**Outreach/Education (56) - Tie**

4.0 7.2 New?	13	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.	Education & Outreach:	(10)
7.1	20	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.	Operational Recommendations: Key Educational Points.	(8)
9.2.13	34	Residential Climate Challenge: Awards will be given to residents who enter the challenge and show excellent progress.	Engage Key West residents to reduce carbon emissions through a program of education in the areas of home energy use and transportation. Awards can be in form of certificate and not costly.	(8)
7.2	21	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.	Operational Recommendations: Education & Outreach.	(7)
6.4.2	18	Buildings: Create an outreach program to reach every resident and <b>business manager</b> and educate them in using simple clear actions that will save money and reduce greenhouse gas emissions.	6.4: Buildings - Key West will increase energy efficiency of commercial, residential and government buildings	(6)
6.5.5	19	Sustainability/Sequestration: Impart island pride and the ability to take action in every citizen, worker and visitor in Key West through continued marketing, education and outreach to all; apply the principles of total quality leadership to promote continuous commitment to improving the local environment and quality of life. The city and all its associates should serve as role models through deed and words.	Better land use planning, and increase the sequestration of 175 tons of carbon dioxide.  ROBUST Social media messaging on COKW Website, advertising campaign, posters along street.	
9.2.3	34	Residential Climate Challenge: Create a marketing program to reach <b>every resident</b> to promote green issues;	Engage Key West residents through education in the areas of home energy use and transportation. ROBUST Social media messaging on COKW Website, advertising campaign, posters along street.	(4)
9.1	33	Commercial Climate Challenge	Green Business Certification	(4)
7.1	20	Green Coordinator to maximize collaborative efforts.		(3)
7.21	21- 24	Marketing and Advertising:	We're a tourist town. TDC mentions bike safety, on <a href="http://www.flakeys.com">www.flakeys.com</a> , but more can be done with video.	(3) (3)

**Transportation (36)**

10.1	39-40	Transportation: Less cars on the road.	Enhance Bus and bike ridership. Bike share plan. Improve public transportation. Possible Intercity trolley around Old Town	(10)
10.2	40	Bicycle/ Pedestrian Transportation	City Government Operations 8 actions	(6)
10.3	40	Other Transportation	City Government Operations 13 actions	(5)
9.4 9.5	36-37	Set a goal for the city to become “Key West –the Best Bicycling City in the USA!” Transit Challenge Bicycle Pedestrian Challenge	How can pedestrians, bikes and cars truly share the road? How can we create a culture of bike and pedestrian friendliness and safety?	(5)
9.5 New	36	Increase commute efficiency with emphasis on a totally separate and dedicated “Pedestrian and Bicycle Master Plan” to include “Bicycle Maintenance and Repair Stations”.		(4)
9.4	36	Key West Transit Challenge: Increased bike racks on or behind buses More videoed secure bike racks at bus stops and stores.	Reduce personal vehicle use by increasing bike amenities to public.	(3)
10.2.3 10.2.4 10.2.5	40	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;	10.2 Bicycle/ Pedestrian Transportation  <ul style="list-style-type: none"> <li>Basic information for those residents and visitors who are not aware of bike laws.</li> </ul>	(3)

**Progress / Indicators (33)**

CAP Intro	3	Inventory results of Climate Action Plan achieved in first 5-6 years, 2009-2015. Analyze, publicize, and develop mid-term goals (2016-2025).	The 2009 Climate Action Plan described actions to reduce carbon emissions from 400,000 tons to 340,000 tons by 2015 in the City of Key West (15%).	<u>13</u> (9)(4)
3.0	10-11	GHG Progress Indicators: Milestone 5: Monitor emissions reductions and verify results.		
7.2	21	Education and Outreach: Annual Report	Present results of the City's actions, and SAB goals, in Commissioner District meetings, and Mayor's annual address to Chamber of Commerce.	(8)
8.3	30	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.	Adaptation: The Planning Process	(5)
10.4.1	42	Become Green City Certified	Also Planning/Building Where are we with this?	(4)
5.0	38 15 17	Lead by example	Continue City's efforts to reduce carbon footprint – publicize results and \$\$ saved. City is the third largest user of commercial energy.	(2)
FY15 Priorities	#3	Secure interns on regular basis		(1)

**Solid Waste (27)**

9.1.12	33	Improve Recycle Rates.  Pay as you throw trash (incentivize composting, recycle, reduce) offer electronic waste, lamp waste, battery waste)	Improve Recycle Rates. Enforce it. Charge Commercial higher prices on non-recycled trash. Residents are still not getting it. Plastic bags and Styrofoam are still ending up in recycle bins.	(9)
9.2.12? 10.4.1.9	34 41	Recycling - education		(9)
New/ Opp.	x	Ban Plastic Bags	They interfere with recycling and kill ocean life.	(5)
9.1 New	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.		(2)
10.4.2.5	41	Promote waste reduction strategies; green business certifications, recycling, hazardous and E-Waste drop off, light bulb drop off;	Waste Systems 10.4	(2)

**Planning/ Building (26)**

10.7	42	Planning and Building	9 actions	(10)
5.0 10.7 New	15 42	Increase energy efficiencies by mandating green sustainable multi-story buildings to accommodate 2500 homeless, elderly and low-income single and family housing units.	City Operations: Planning and Building	(9)
6.5.4	19	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.	Sustainability/Sequestration – Key West will reduce GHGs through better land use planning, and increase the sequestration of 175 tons of carbon dioxide. <ul style="list-style-type: none"> <li>DOH (Gayle) already working to partner with COKW in Smart Growth Initiatives, including Complete Streets.</li> </ul>	(5)
10.4	42	Sustainability	City Government Operations 6 actions	(2)

**Adaptation (12)**

8.0	24-32	Adaptation planning for sea level rise	How can folks raise existing houses? Who has done so already? How much does it cost? How can we help find funding to assist private homeowners in targeted highest-risk areas?	(10)
8.2	27	Creation of a climate change preparedness team	8.0 Climate Adaptation	(1)
8.2	27	<i>Getting Ahead of the Curve</i>	Adaptation	(1)

**Water (6)**

8.2	27	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.	Adaptation: Getting Ahead of the Curve	(6)
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**Other/New**

NEW	X	community gardening		(8)
New	X	Sound – ear pollution		(7)