

Report of the Environmental Sustainability Committee

April 2010

Environmental Sustainability Goals

Executive Summary

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The Planning and Budgeting Committee charged the Environmental Sustainability Committee (ESC) to produce a strategic plan for environmental sustainability with recommendations, action plans, proposed responsible individuals, and indicators measuring the university's progress implementing sustainable operations.

The ESC plans to use report submittals for the American College and University Presidents' Climate Commitment and the Sustainability Tracking and Rating System (STARS) as the primary tools for measuring sustainability of the University's operations.

The ESC considered a host of tasks, weighed the challenges, achievability, and existing resources, and identified 50 sustainability tasks in support of the University's sustainability mission. ESC organized these tasks as prioritized lists to the appropriate University division. The specific tasks cover the wide range of operations at the University; curriculum, physical plant construction and maintenance, waste minimization and recycling, energy consumption and sources, student involvement, research, investments, transportation, and staff development.

Some of these tasks are already underway, but they are included to ensure continuity and reporting going forward.

Division	Number of Tasks Assigned	Tasks Already Underway
Academic Affairs	11	3
Administration and Finance	26	12
Student Affairs	7	3
University Advancement	2	0
Planning and Budget Committee	4	3

As the University's sustainability goals are not limited to just a few departments across campus, it is the consensus of the ESC that the program content experts in the assigned division, college, or department are best equipped to plan the implementation of each specific task. In most cases, the first action required towards the eventual task implementation will be to determine how best to implement the

task using the resources available, or determining the new resources necessary for implementation, and how to benchmark successful achievement.

Academic Affairs

Priority	Goal	Underway	How to Measure	Examples
1	Identify all courses with a sustainability focus or content.		Indications in course catalog or other location	
2	Identify sustainability related learning outcomes for FGCU students.			
3	For all disciplines, identify methods to increase research in the area of sustainability.		Dollar amount of research related to sustainability, # of PI's engaged in related research	
4	Identify by Department the research related to sustainability occurring at FGCU.		Dollar amount of research related to sustainability, # of PI's engaged in related research	
5	Provide incentives for interdisciplinary and sustainability related research.			Mini-grants, stipends, performance evaluation criteria
6	Develop and implement participatory and educational programs that communicate sustainability to students.	X	# of programs provided, # of students participating	ReCycleMania, Focus the Campus, ALOHA
7	Identify and implement methods to encourage development of sustainability courses, or course components.			stipends, performance evaluation criteria
8	Measure the annual community service hours of University students.	X		
9	Include sustainability in annual faculty evaluations.			
10	Measure the annual community service participation of University faculty and staff.			
11	Explore opportunities to collaborate with other community organizations to promote and implement	X		

	sustainable operations.			
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Administration and Finance

Priority	Goal	Underway	How to Measure	Examples
1	Conduct Greenhouse Gas Inventories as required by the ACUPCC	x	ACUPCC submittals	
2	Construct University buildings to the LEED Silver standard or higher.	x	LEED Certification	
3	Collect all building and demolition waste for recycling.	x		
4	Make electronic waste recycling mandatory at every level at all university campuses and facilities.		Published policy	
5	Include information on the FGCU's sustainability commitments in new employee orientations.			
6	Eighty percent or more of all paper purchases to be 30% post consumer recycled content or higher.	x		
7	Implement Best Management Practices for storm water management on the FGCU campus.	x		
8	Purchase/use only Green Seal or other third-party certified cleaning products for use in University facilities.	x	Contract requirements and purchasing policies	
9	Develop a vendor code of conduct focused on sustainability.		Published code of conduct included in contracts	
10	Reduce the solid, liquid and gas waste streams produced by the university.			Stop using bottled water at university-sponsored catered events. Install low-flow toilets campus-wide, and low-flow shower-heads in campus housing. Recycle grey water produced by campus dorms.

Priority	Goal	Underway	How to Measure	Examples
11	Identify environmentally conscious purchasing processes related to computers, network equipment, and technology in general at FGCU and its ancillary organizations/institutions.		Published purchasing guidelines.	Buy reconditioned (not new) equipment. Purchase equipment made from easily recyclable materials (bamboo notebooks). Purchase only equipment that is EPEAT gold or higher.
12	Reduce water consumption at all FGCU campuses and facilities.		Annual water use	
13	Use Integrated Pest management Techniques for control of insects on campus.	X	Contract requirement	
14	Include sustainability in annual employee evaluations.			
15	Provide opportunities and resources for professional staff development in sustainability.		Staff-hours of training or other development per year	Mini-grants. stipends
16	Maintain the University's conditionally exempt generator status and reduce the generation of hazardous wastes where feasible.	x	Annual hazardous waste shipment records	
17	Develop incentives for employees to adopt commuting methods that reduce their number of one-person-one-vehicle trips to and from campus.			Add a category to annual performance appraisal related to environmental efforts. Publicize successful commuting stories/models. Request assistance from SAC/Student Government/Faculty Senate on identifying alternatives.

Priority	Goal	Underway	How to Measure	Examples
18	Reduce or eliminate the use of fleet vehicles that require the use of fossil fuels. (Procurement)		Number of fossil fuel vehicles operated by University departments.	Begin phasing in hybrid or electric vehicles, as old vehicles need replacing (Zap Truck). Use Segways or solar/hydrogen powered vehicles.
19	Where possible, purchase locally grown organic foods for use in University Dining and Catering services.			
20	Provide local, University controlled carbon offsets			
21	Reduce greenhouse gas emissions per student, per square foot, and overall as measured, to comply with the American College and University Presidents Climate Commitment.	x	ACUPCC Reports	
22	Measure the annual community service participation of University faculty and staff.			
23	Coordinate and track diversity and equity related activities at FGCU.	x		
24	Implement programs to increase the affordability and access to the University for lower-income and other underserved populations.	x		
25	Explore opportunities to collaborate with other community organizations to promote and implement sustainable operations.			
26	Periodically assess the diversity of the campus culture.	x		

University Advancement

Priority	Goal	Underway	How to Measure	Examples
1	Explore opportunities to collaborate with other community organizations to promote and implement sustainable operations.			
2	Explore possible options for considering sustainability in University investments.			

Student Affairs

Priority	Goal	Underway	How to Measure	Examples
1	Include information on the FGCU's sustainability commitments in new student orientations.	x		
2	Reduce water consumption at all FGCU campuses and facilities. (Housing)		Annual water consumption	
3	Use Integrated Pest management Techniques for control of insects on campus. (Housing)	X	Contract requirements	
4	Purchase/use only Green Seal or other third-party certified cleaning products for use in University facilities. (Housing)		Contract requirements and purchasing policies	
5	Reduce the solid, liquid and gas waste streams produced by the University. (Housing)			Stop using bottled water at university-sponsored catered events. Install low-flow toilets campus-wide, and low-flow shower-heads in campus housing. Recycle grey water produced by campus dorms.
6	Reduce greenhouse gas emissions per student, per square foot, and overall as measured, to comply with the American College and University Presidents Climate Commitment. (Housing)	x	ACUPCC submittals	Solar hot water, reduced flow toilets and showers, temperature limiters
7	Develop incentives for students to adopt commuting methods that reduce their number of one-person-one-vehicle trips to and from campus.			Preferential parking spots or reduced fees for carpools, availability of short-term rental cars, increased buss and shuttle services

Planning and Budgeting Council

Priority	Goal	Underway	How to Measure	Examples
1	Include sustainability in the University's strategic plan.	x	Inclusion as a strategic goal	
2	Prepare a strategic plan to increase the sustainability of University operations.	x	Existence of a plan	ESAC plan, ACUPCC
3	Prepare and periodically update a plan for achieving climate neutrality in University operations.	x	ACUPCC Submittals	
4	Coordinate and track sustainability related activities at FGCU through the Environmental Sustainability Committee.		Activities reported to the ESC	