



Item: SP: I-1

STRATEGIC PLANNING COMMITTEE

Wednesday, April 30, 2008

SUBJECT: FAU "Mission Green" Campus Sustainability

PROPOSED COMMITTEE RECOMMENDATION

N/A. Informational purposes only.

BACKGROUND INFORMATION

President Brogan established the Sustainability Committee in April 2007 and signed the American College and University President's Climate Commitment (ACUPCC) in August 2007. The mission of the committee is to coordinate the efforts and recommend policies and procedures to ensure the university's compliance as outlined in the President's Climate Commitment. This presentation outlines the Sustainability Committee's accomplishments to date.

IMPLEMENTATION PLAN/DATE

Ongoing

FISCAL IMPLICATIONS

N/A

Supporting Documentation: Sustainability "Mission Green" Power Point Presentation

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Azita Dashtaki, Assistant Vice President



Florida Atlantic University
Sustainability Committee

Sustainability @ FAU

Motivation:

- President Brogan signs American College and University Presidents' Climate Commitment (ACUPCC) (8/07)
 - ✓ FAU is committed to reducing and eventually eliminating our green house gas emissions
 - ✓ FAU is a role model in sustainability
 - ✓ FAU will lead the way to a sustainable future through Research, Education & Practice

Overview of Commitment:

1. Form an Institutional Structure
2. Conduct a Green House Gas Emissions Inventory
3. Immediate Steps – two tangible action items
4. Develop a Campus Climate Action Plan (timeline)
5. Implement the Plan
6. Legacy – Institutional commitment to a sustainable campus

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Initial Timeline:

April '07:

- Establishment of Sustainability Committee

September '08:

- Complete Greenhouse Gas Inventory (in progress)

September '09:

- Implement two tangible actions
- Develop comprehensive climate action plan

Sustainability Committee

Committee Member List:

Azita Dashtaki (Co-Chair)	Jennifer O’Flannery
Shannon Clounts (Co-Chair)	Jan Bond
Bob Richmond	Jim Baker
Gary Parsons	Abraham Cohen
Steve Saposnik	Charlotte Barry
Leonard Berry	Jaap Vos
Tobin Hindle	Stacy Volnick
Jill Eckardt	Howard Hanson
Beverly Sargent	William Morgan
Christopher Ott	William O’Brien
Sarah Fannin	Dan Meeroff
Amir Abtahi	John Hardman
Dan Morris	Jose Herrera
Jill Rosen	Jinji Donato

Sustainability Committee

Mission Statement

We will create a culture of sustainability at Florida Atlantic University, in which the entire FAU community is aware of, involved with, and committed to advancing sustainability through education, operations, and community engagement.

Sustainability Committee

Accomplishments To Date

- 10/07 www.fau.edu/missiongreen
- 10/07 First Campus Sustainability Day
- 10/07 Sustainability Inventory (9/08 completion)



Students calculating their carbon footprint



Henderson School Students performed a sustainability song

Sustainability Committee

Approach

Subcommittees for the following areas:

- Academics & Research
- Community Engagement
- Facilities/Landscape & Waste Management /Energy & Water
- Food Services
- Housing
- Purchasing
- Transportation



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Academics & Research

Current Sustainable Practices

1. Strong environmental research component through individual professors & Center for Environmental Studies & the Center for Urban & Environmental Solutions
2. Movement towards offering more on-line courses - reduce driving
3. Movement toward meeting via conference calls & video conferencing – reduce driving
4. Dialogue toward introducing sustainability to the core-curriculum

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Academics & Research

Opportunities for Change

1. Schedule classes to reduce student commuting
2. Identify sustainability courses & introduce sustainability into a wider curriculum
3. Increase communication and opportunities for research across departments and colleges

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Community Engagement

Current Sustainable Practices

1. Campus Sustainability Day
2. Civic Engagement Week
3. FAU celebrates Earth Day, April 22, 2008
4. "Move It Out Don't Throw It Out"
5. Alternative Spring Break

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Community Engagement

Opportunities for Change

1. Incorporate sustainability ethics in administrative roles and practices; resulting in modified personal values & behaviors
2. Expand and improve volunteering activities
3. Expand the curriculum offerings in service-learning
4. Explore Freshman Learning Communities in sustainability

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Facilities

Current Sustainable Practices

1. Christine E. Lynn College of Nursing – LEED Certified
2. Pine Jog Environmental Center - Designed to LEED Gold
3. College of Engineering & Computer Science – Design to LEED Platinum
4. ESCO Contract for Boca Raton and Davie Campus (audit to be completed 4-6 months)
5. New janitorial contract to include 100% Green Cleaning Products



Designed to LEED Platinum

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Facilities

Opportunities for Change

1. Develop a written policy that all new campus construction will be built to U.S. Green Building Council's LEED Silver standard or equivalent
2. Energy efficient retrofitting (e.g., white roofs), irrigation scheduling and power management
3. LEED certified project managers
4. Evaluate recycling program
5. Educate the FAU community about recycling

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Food Services

Current Sustainable Practices

1. Use of recycled products where possible
2. Purchase of only cage-free eggs
3. Balanced Choices Program – supports local farmers, environmentally safe harvesting of fish
4. Prohibit the serving of chicken and pork from vendors where growth hormones are used
5. Clean Plate Program – raises awareness about wasted food

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Food Services

Opportunities for Change

1. Introduce a tray less cafeteria system to reduce waste
2. Increase the use of recycled products
3. Conduct the Clean Plate program more than one time per semester
4. Research the use of more sustainable take out containers

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Housing

Current Sustainable Practices

1. Researching solar panels for hot water – IRT
2. Conserve energy through the use of motion sensors in Heritage Park
3. Use of low emission paint and carpet in Heritage Park
4. Energy Conservation Contest

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Housing

Opportunities for Change

1. LEED silver standard for new housing (Innovation Village)
2. Increase awareness of sustainability for students, their families & the staff through a Guide for Sustainable Living & other educational documents
3. Increase student involvement through contest & advertising
4. Promote recycling & reduction of materials with students & staff

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Purchasing

Current Sustainable Practices

1. Recycling of Laser Printer Toner Cartridges
2. Online Requisitions – save on printing
3. P-card Program – saves labor and paper
4. Purchase of E85 Dual Fuel Compliant Vehicles
5. Discussions with Office Depot to develop a program to encourage purchase of sustainable products

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Purchasing

Opportunities for Change

1. Develop policy requiring the purchase of Energy Star Appliances when possible
2. Purchase copy paper & other office supplies with recycled content when available
3. Encourage double sided copies
4. Establish a “Green” relationship with Office Depot
5. Research “Green” policies from other Universities



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Transportation

Current Sustainable Practices



1. Partnership with City of Boca Raton, Tri-Rail and Palm Tran to increase riders on Tri-Rail with new shuttle
2. Designated parking for electric and hybrid cars
3. Carpool program with reduced permit cost and reserved parking

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Transportation

Opportunities for Change

1. Initiate a program to increase student, faculty & staff ridership on Tri-Rail
2. Offer incentives for hybrid cars (reduced permit costs)
3. Explore an campus bike program
4. Improve vehicle purchase program for state vehicles (i.e. hybrid cars)

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Development of Climate Action Plan

1. Evaluate opportunities and establish short/long term goals
2. Identify action items and potential barriers for each goal
3. Create a status report for tracking action items

Facilities Goal 1: Reduce energy consumption throughout campus

Action Item	Responsible Party	Timeline	Estimated Cost	Projected Benefits
Power Management for PC networks	IRM / Individual Division	1-5 Years		\$15 - \$40 per PC Annually
Institute ESCO contract recommendations	Facilities/Utilities	1-5 Years		

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