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
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

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
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

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.
Accomplishments To Date

- 10/07 www.fau.edu/missiongreen
- 10/07 First Campus Sustainability Day
- 10/07 Began greenhouse gas inventory (9/08 completion)
- 11/07 Submitted initial report

Institutional Structure: Sustainability Committee

Two required tangible actions to be implemented by 9/09:
1. Green Building Policy (Current)
2. Energy Star Procurement Policy (Current)

Students calculating their carbon footprint

Henderson School Students performed a sustainability song

Approach

Subcommittees for the following areas:
- Academics & Research
- Community Engagement
- Facilities/Landscape & Waste Management /Energy & Water
- Food Services
- Housing
- Purchasing
- Transportation
**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
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

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
Facilities

Current Sustainable Practices

1. Christine E. Lynn College of Nursing – LEED Certified Gold
2. Pine Jog Environmental Center - Designed to LEED Gold
3. College of Engineering & Computer Science – Designed 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

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
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

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
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

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
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

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
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

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)
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

<table>
<thead>
<tr>
<th>Facilities Goal 1: Reduce energy consumption throughout campus</th>
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<tbody>
<tr>
<td>Action Item</td>
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<td>Power Management for PC networks</td>
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<td>Institute ESCO contract recommendations</td>
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Sustainability Committee