



**IF WE ALL WORK TOGETHER**

## How are you involved?

- Student clubs
- Community work
- Campus efforts
- Other

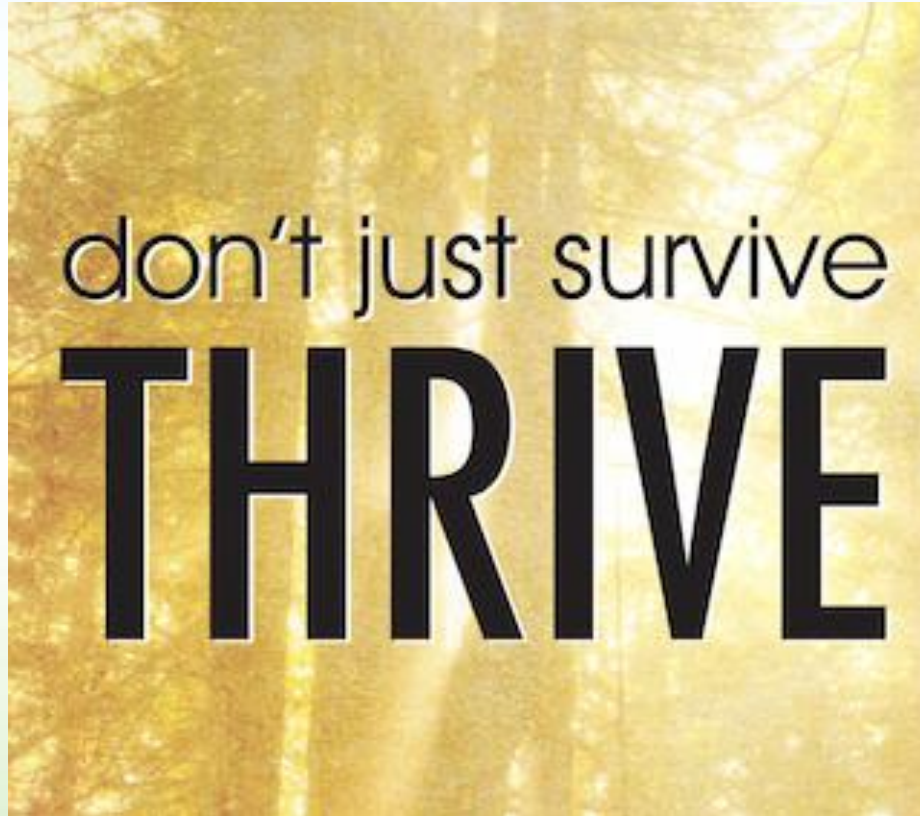
## Topics?

- Social Justice, Equity and Diversity
- Environmental Conservation and Management
- Economics
- Policy and Governance

# What is Sustainability?

Environmental  
and Resource  
Conservation

Equity, Diversity,  
Justice



Economic  
Viability

Quality of Life

# Why Sustainability at UF?

- We consume significant resources and generate significant waste
- UF alumni go on to make a difference in the world
- Campus can be a living laboratory for sustainability
- It is a core value of the Gator Nation



# Campus Scale

## Population

- ~ 50,000 students
  - 7500+ residents
- 8,100 staff
- 4,350 faculty



## Land & Building Stock

- 2000 acre main campus
- 388 acres of conservation land
- 887 Main Campus Buildings
- 1,932 Buildings Total in FL

Total energy usage  
2010-2011:  
440.2 million kWh

Total Waste per  
year:  
~16,000 tons!

Questions?

Comments?

Cheap Shots?

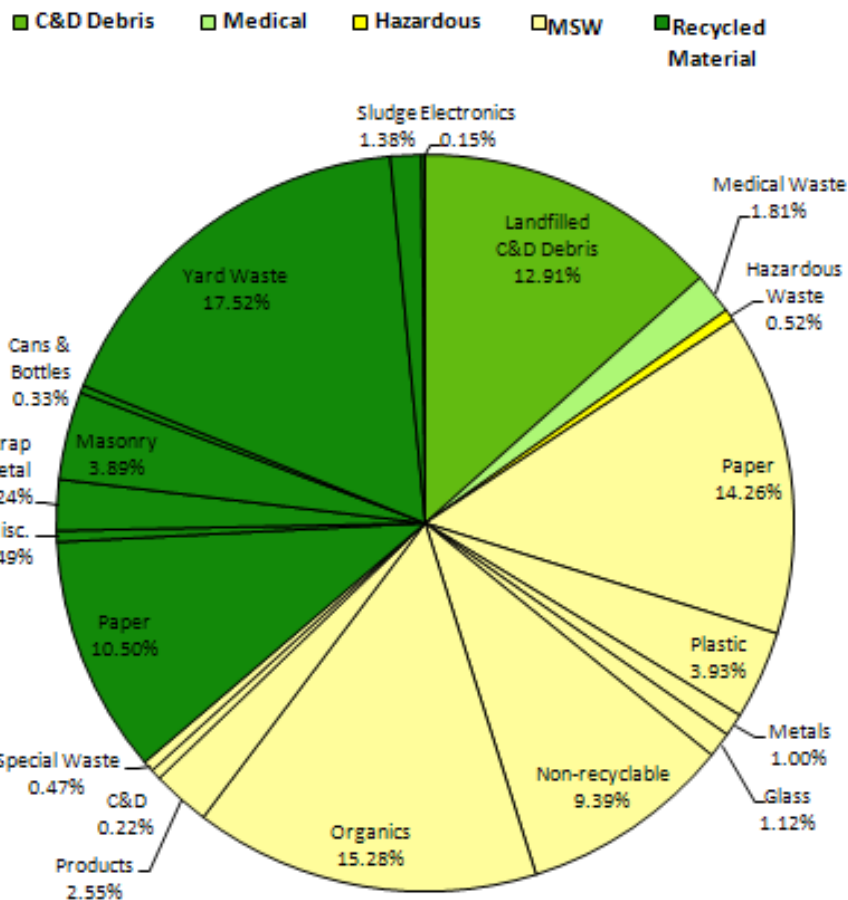


# Visionary Goals

- Zero Waste by 2015 – 3 R's
  - Campus Waste Audit in 2009
  - Comprehensive Recycling Programs
    - Paper Products
    - Cans & Bottles
    - Terracycle
- TailGator Game Day Recycling
- RecycleMania/Eco-Challenge
  - Student Compost Cooperative



# Waste Audit



- ~16,000 Tons/year, 35% diversion

- Big Opportunities for Reduction:

Paper – 14.26% not being recycled

Organics- 15.28% of waste stream

- You may be surprised:  
Cans and Bottles are only  
0.33% of total waste stream!



# Carbon Neutral by 2025

Climate Action Plan: “reduce, renew, then offset... in ways that are local, tangible, and reliable.”

- LEED Gold for New Construction
- Energy Summits
  - \$9M invested in efficiency
- Renewable Energy Fee
- Solar on campus
- Neutral Gator



chomp down on  
energy

# How Do We Get There?

- Assessment
- Prioritization and Buy-In
- Structural Changes
  - bins, printing, organics
- Behavioral Change
  - Personal and professional
- Evaluation and Adaptation



# What's Happening Now?

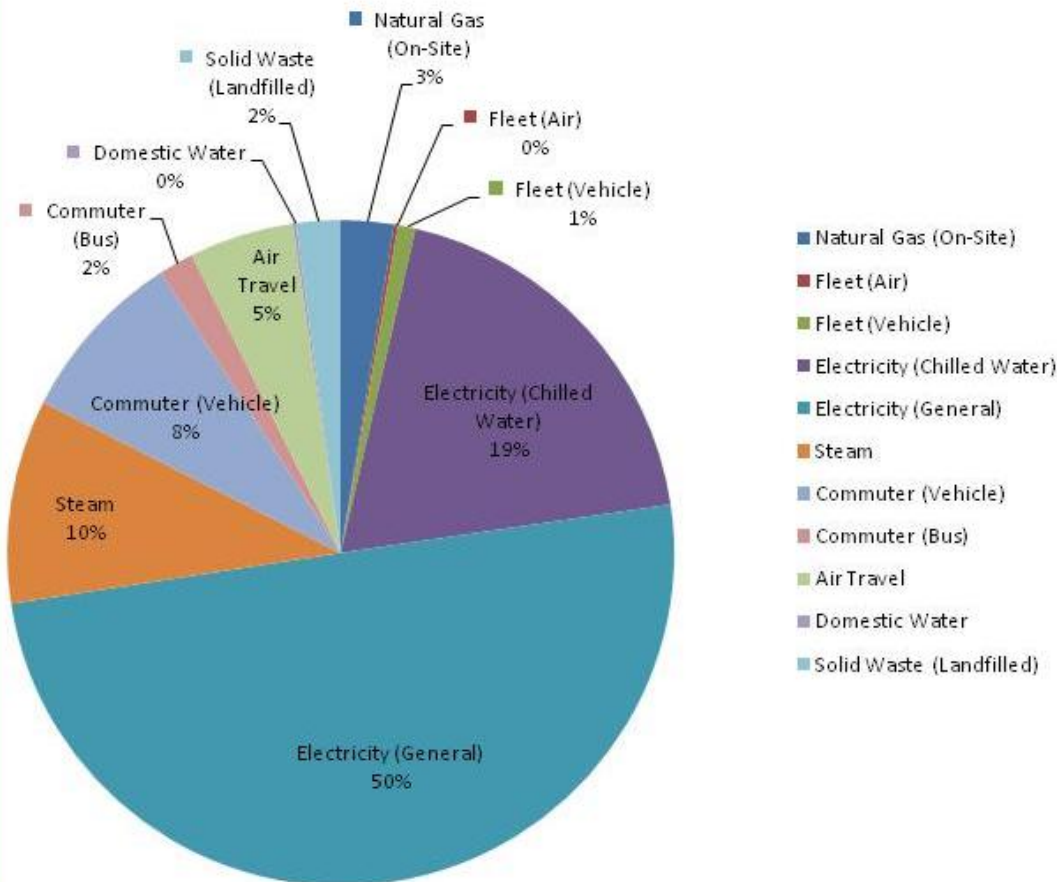
- **Contracts**
- **Bin Audits**
  - **Indoor and outdoor** bins across campus
- **Dining**
  - Trayless dining halls, Reusable to-go program = 60,000 lbs of food waste, 470,000 gallons of water saved
  - Styrofoam Free
  - Organics options
- **Labs:** Corning Pipet box recycling, cooler pack take-back program
- **Grounds:** All yard waste is composted
- Online “**swap meet**” and “**chem swap**” websites
  - Auctions and donations of campus surplus goods.

# It's Your Goal!

- We all generate waste and we all have the power to make a change
- Waste reduction is a win-win
- Remember the 4 R's
- Pick a goal and stick to it (Paper, Paper, Paper)
- Tag you are it!

# GHG Inventory

FY 2004/2005 (MtCO<sub>2</sub>e)



- Energy: \$43 million = \$3.6 million/month
- FY 2004/2005 is the baseline year for our reduction targets.
- Electricity is the leading contributor to UF's GHG emissions (69%)
- Building retrofits and behavior change campaigns

# Carbon Neutral by 2025

## Behavior Change- Everyone plays a part!

- CBSM “Last to Leave” campaign
- Interactive Building Dashboards
- Continuing Campaign Development
  - Computers/IT Power Management
  - Lab Equipment/Fume Hoods
  - Stair Campaign (with Healthy Gators)



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# Buildings and Grounds

- LEED Gold standard for all new buildings
  - First LEED platinum building in the state
  - LEED-EB portfolio in progress
  - Currently 21 LEED-NC buildings
- Low-impact and native plant landscaping
- 2 sites with student garden plots
- 31 campus conservation areas
- Over 95% of UF's irrigation water is reclaimed at wastewater treatment plant



# Food and Dining

- Internal Sustainability Manager and Green Teams
- 26% of food is organic or locally sourced
- Vegetarian and vegan options
  - “Meatless Mondays”
- Reusable to-go container program
- Styrofoam Free!
- Trayless dining halls
- CSA Program



# Housing

- Active Internal Green Team/Sustainability Committee
- Pilot housing area with garden, composting, rain barrels, and clotheslines
- Shower timer challenge
- Strong Green Cleaning Program and IPM
- Eco-Rep program + annual EcoChallenge
- Sustainability Living/Learning Communities



# Transportation

- Annual One Less Car Campaign
- Ride RTS free with UF ID
- GPS Bus Locator
- ZipCar- car sharing
- Carpool decals and Zimride
- Campus Cab and Departmental Bicycle Program for employees
- B20 biodiesel and E85 ethanol in RTS buses and campus fleet
- Recognized by EPA as a “Best Workplace for Commuters”





# Education & Research

## Sustainability in Curriculum

- Minor/Major in Sustainability Studies –Interdisciplinary
- DCP Major, LLM in Environmental and Land Use Law
- Prairie Project – Curriculum Development and Integration

## Sustainability in Research

- Water Institute
- Florida Climate Institute

## Extension

- Program for Resource Efficient Communities
- Florida Yards and Neighborhoods
- Bushnell Center for Urban Sustainability



# Curriculum Development/Faculty Support

- Prairie Project Workshop on integrating sustainability into the curriculum.
  - Faculty and Graduate students
- Guest Lecturer database
- More than 150 multidisciplinary Centers and Institutes
- Library resources
  - Sustainability institutional repository
  - Enhanced topic guides





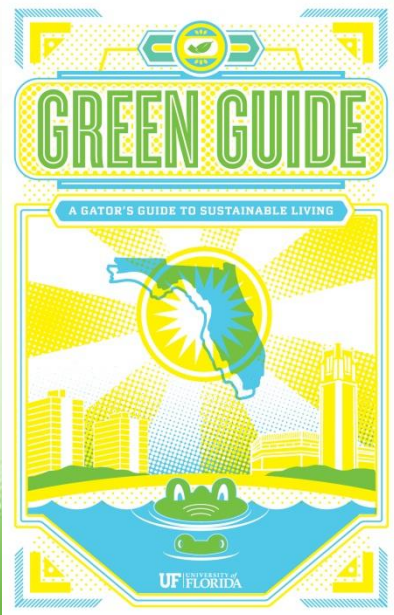
# Green Teams

- More than 100 faculty + staff teams on campus
- Represent the Office of Sustainability and its activities to peers/colleagues and provide feedback to the office
- Assist the Office in creating, promoting and implementing programs
- Turn Over a New Leaf- “Guide to Greening UF”
- Annual Sustainable Solutions Awards Program



# Outreach & Engagement

- Sustainability Hut
- Green Guide
- Green Teams
- Sustainable Solutions Awards
- New Student Programs → Graduation



# Student Involvement

- **Office of Sustainability Opportunities**
  - Internships
  - Sustainability Hut
  - Game Day Recycling
  - Adopt-A-“Swamp”
- **Student Representation**
  - Gators Going Green Agency in SG
- **Florida Alternative Breaks and TRiP**



## Student Clubs

- Gators for a Sustainable Campus
- I.D.E.A.S. for UF
- Greeks Going Green
- Bio-energy and Sustainable Technology Society (BEST)
- American Solar Energy Society at UF
- Human Rights Awareness on Campus
- Wetlands Club
- Engineers Without Borders
- Invisible Children
- UF Students in Free Enterprise (SIFE)
- Campus Kitchens
- Recurso.....and many more!





# Sustainability Hut

- Designed as an educational tool for spreading the word about Sustainable UF out on campus
- Changes themes from week to week, covering topics such as Waste Reduction, Water Conservation and Food Systems
- Moves around to high-traffic areas on campus (Tue-Wed)
- A great opportunity for volunteer hours and learning more about Sustainable UF!



# Game Day Recycling

- Volunteer outreach to tailgators and within the stadium
- 86,840 pounds of recycling this year!
- Stadium concessions converting to compostable and recyclable options



# What can *you* do?

## How you **Live**

- Reduce, reuse, recycle
- Endless ways to save energy, paper, water, and reduce waste

## How you **Move**

- Use public transportation, bike, carpool
- Join Zipcar/Zimride

## How you **Eat**

- Buy local foods
- Eat less meat

## How you **Vote**

- Vote with your ballot **and** your dollar!
- Get involved in campus/community politics





# Campus Resources

- *Green Guide* for students
- *Guide to Greening UF*
- Event Planning guide
- Newsletter/Website
- Sustainability Hut
- Sustainable Solutions Awards



How are we doing?

What is your vision for a sustainable  
UF?

# Questions?

## UF Office of Sustainability

- Website: [www.sustainable.ufl.edu](http://www.sustainable.ufl.edu)
- Email us: [info@sustainability.ufl.edu](mailto:info@sustainability.ufl.edu)
- Sustainable UF on Facebook
- Listserv and Newsletter
- [sustainableUF-l@lists.ufl.edu](mailto:sustainableUF-l@lists.ufl.edu)
- newsletter sign-up on website

