

# Sustainable UF



Joseph Floyd, UF Office of Sustainability

# Roadmap



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- Waste on Campus
- What You Can Do
- Other ways to get involved

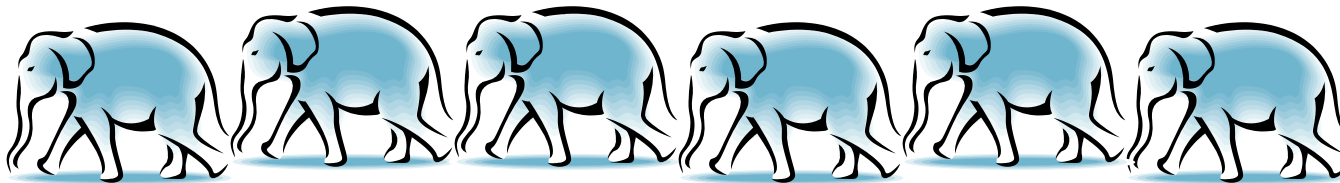


# Snapshot: Scale



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- Energy: \$43 million = \$3.6 million/month
- Waste: 16,000 Tons = 4015 elephants/year

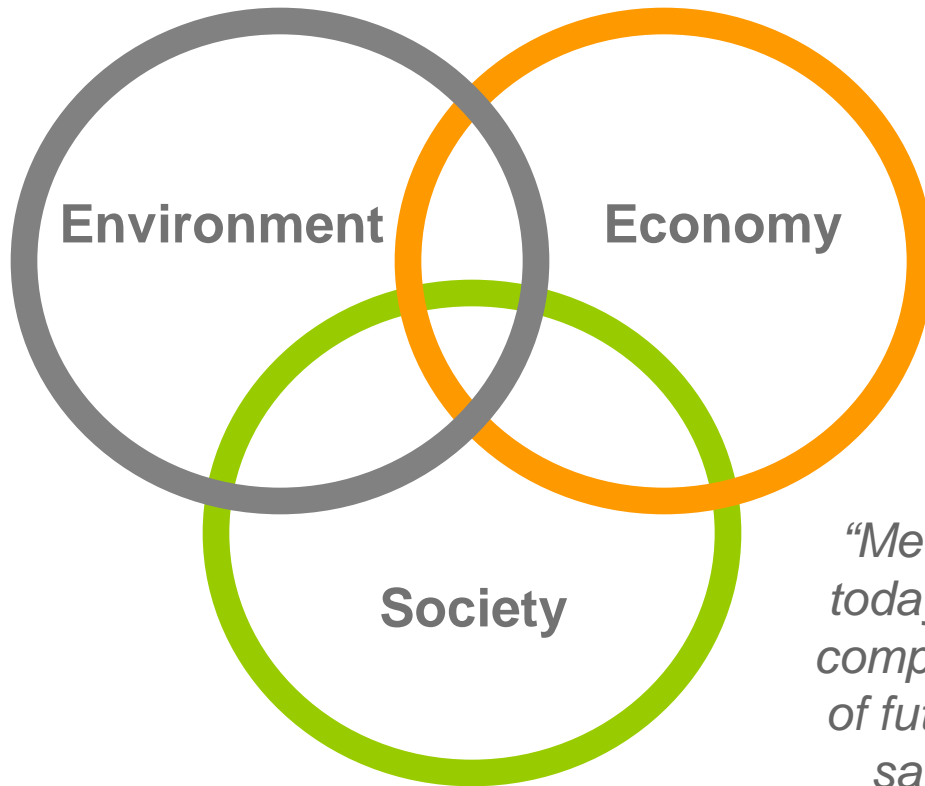


- 2000 Acres, nearly 900 buildings
- 51,000+ Students
- 12,500+ Faculty and Staff

# "Sustainability"



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*"Meeting the needs of today's society, without compromising the ability of future generations to satisfy their needs"*

# Visionary Goals



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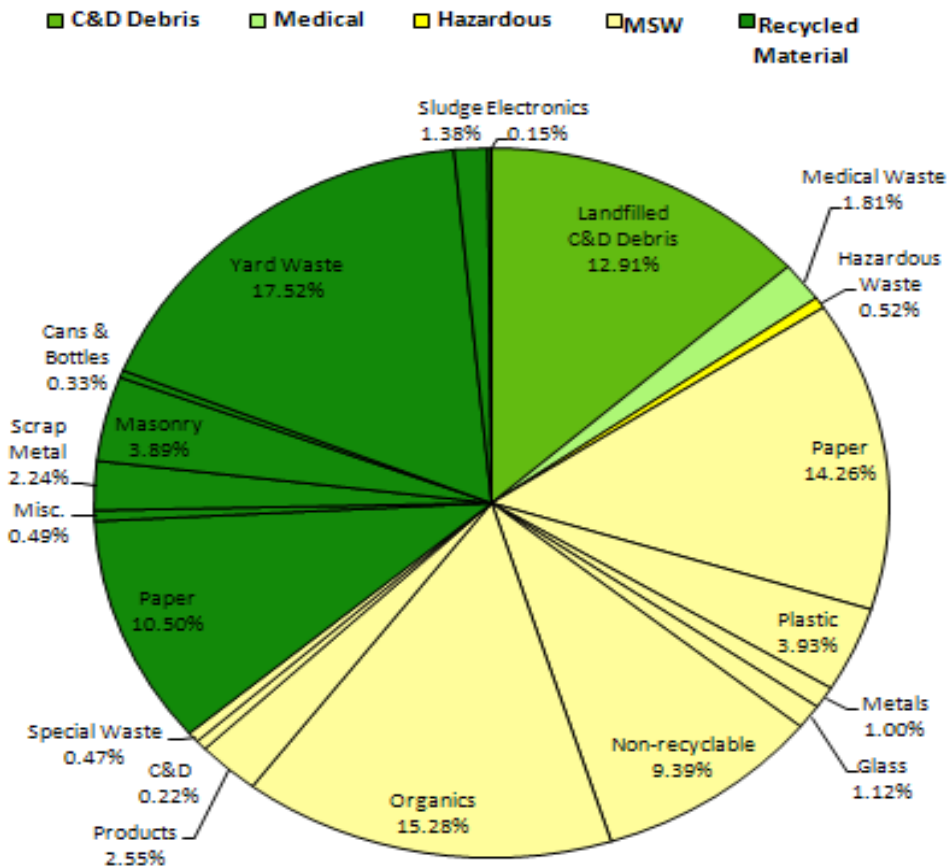
- **Zero Waste by 2015 –**
  - Campus Waste Audit
  - Comprehensive Recycling Programs
  - Zero Waste Plan Under Development
  - REthink Campaign

REthink.

# Waste Details



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**Municipal Solid Waste (MSW):**  
(48.25%, 8,740 tons annually)

**Construction & Demolition Debris:**  
(12.91%, 2,339 tons annually)

**Recyclable Material:**  
(36.50%, 6,613 tons annually)

**Medical Waste:**  
(1.81%, 328 tons annually)

**Hazardous Waste:**  
(0.52%, 95 tons annually).

Campus Sources	Campus Sub-Sources	Estimated Weight % Contribution to UF Waste Stream		Paper	Plastic	Metals		Glass	Non-recyclable	Organics	Products	C&D	Special Waste
Housing Total		22.97%		5.69%	1.77%	0.64%		0.89%	5.13%	8.08%	0.71%	0.00%	0.06%
	Dorm	13.13%		3.72%	1.10%	0.39%		0.11%	3.13%	4.08%	0.57%	0.00%	0.03%
	Greek	6.62%		1.04%	0.50%	0.18%		0.74%	0.81%	3.19%	0.12%	0.00%	0.03%
	Family	3.22%		0.93%	0.18%	0.07%		0.03%	1.19%	0.80%	0.02%	0.00%	0.00%
Academic Total		9.60%		2.97%	1.02%	0.08%		0.08%	1.31%	3.27%	0.98%	0.23%	0.04%
	Mixed	4.58%		1.76%	0.41%	0.07%		0.06%	0.75%	0.84%	0.44%	0.23%	0.01%
	Plant Lab	1.13%		0.19%	0.14%	0.00%		0.00%	0.11%	0.53%	0.15%	0.00%	0.01%
	Animal Lab*	2.80%		0.47%	0.35%	0.00%		0.00%	0.28%	1.69%	0.38%	0.00%	0.02%
	Library	1.09%		0.55%	0.12%	0.01%		0.02%	0.17%	0.21%	0.00%	0.00%	0.01%
Medical		3.34%		0.97%	0.32%	0.04%		0.00%	1.05%	0.56%	0.10%	0.00%	0.29%
Administration		3.94%		1.93%	0.42%	0.12%		0.10%	0.76%	0.59%	0.01%	0.00%	0.02%
Dining		4.81%		1.42%	0.24%	0.12%		0.06%	0.72%	2.00%	0.25%	0.00%	0.01%
Recreational		2.61%		0.89%	0.09%	0.02%		0.00%	0.21%	1.18%	0.22%	0.00%	0.00%
Miscellaneous*		0.98%		0.45%	0.05%	0.00%		0.00%	0.13%	0.17%	0.17%	0.00%	0.00%
Totals		48.25%		14.3%	3.9%	1.0%		1.1%	9.3%	15.9%	2.2%	0.2%	0.4%

# Waste Audits



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# How do we get there?



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- Assessment
- Prioritization
- Structural Change
- Behavioral Change
- Evaluation



# Game Day Recycling



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- Volunteer outreach to “tailgators” and within the stadium
- 86,840 lbs of recycling this year!
- Stadium concessions converting to compostable and recyclable options
- Gator Green Team FB



# Campus Initiatives



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- **Indoor and outdoor** recycling bins across campus
- **Dining:** Trayless dining halls, Reusable to-go program
  - 60,000 lbs of food waste, 470,000 gallons of water saved
- **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.

# What You Can Do



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## Reduce

- Widen your print margins and store documents electronically
- Buy in bulk to reduce packaging waste
- Store food in reusable containers
- Asked to be removed from mailing lists

# What You Can Do



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## Reuse

- Take reusable bags to the store
- Bring a reusable bottle or mug with you. Gator Dining offers discounts on coffee when you BYO
- Use scrap paper for notes
- Donate gently used clothing, books, school supplies, etc... and shop second-hand

# What You Can Do



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## **Recycle-** rinse and remove caps/lids:

- #1-7 plastics (unless they are brittle)
- Metal cans (including aerosol cans)
- Glass bottles and jars
- Paper, junkmail, newspaper, phonebooks, cardboard, pasteboard...
- Keep dry and free from food waste

# What You Can Do



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## Recycle-

- Egg cartons/foam trays/plastic bags → Publix
- Electronic/Hazardous Waste
  - Campus Property: Asset Management & EHS
  - Available through Housing for residents
  - Annual collection day... in April

# REthink



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- Be **conscious of your waste** - keep track of everything you throw away for a day, a week...
- **Support companies** using recycled and/or sustainably sourced materials in their products
- **Garden** on campus and **compost** your food waste
- Think of **energy waste** – turn off lights, unplug electronics when done to reduce phantom energy load
- **Join** student orgs & **volunteer** in your community



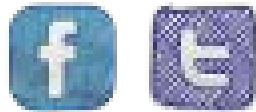


# Stay Connected



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[sustainable.ufl.edu](http://sustainable.ufl.edu)



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