

# **Provost's Sustainability Internship Project**

Marissa Meisterling



# PSI Program

- “Year-long combination course/internship that helps students develop competencies necessary to become effective environmental professionals and leaders”
- Paired with staff or faculty mentors to work on campus sustainability projects and research
- Students receive internship credit (units) and a scholarship upon completion



# PSI Program

- All projects use objectives from [UCSC's 2013-2016 Campus Sustainability Plan](#)
  - **Goal:** Engage suppliers to develop strategies that promote sustainable procurement practices within the supply chain and measure those suppliers to agreed standards
    - **Objectives:** Develop and utilize tool for benchmarking suppliers' sustainability profile by spring 2015, and incorporate metrics that capture suppliers' progress toward more sustainable business practices and operations
- My Project
  - Create tools and metrics for measuring the sustainability and supply chain behavior of UCSC suppliers
- Tools
  - Supplier Sustainability Scorecard (*benchmarking tool*)
  - Sustainability Opportunity and Action Plan (SOAP) (*agreement tool*)



# Campus Sustainability Plan

## What is the Campus Sustainability Plan?

- Broad transformational initiative to increase sustainability campus-wide
- It provides a comprehensive framework for advancing sustainability in 9 interconnected topic areas:
  - Awareness/Education/Engagement, Buildings and Facilities, Energy and Greenhouse Gases, Food, Land/Habitat and Watershed, Procurement, Transportation, Waste Reduction, and Water
    - Each topic area corresponds to an ongoing working group related to campus sustainability
- Collaborative between students, staff, and faculty

## Overarching Goal

- By 2020:
  - Campus water demand will be minimized
  - GHG emissions will be below 1990 levels
  - On-campus travel will be primarily by bicycle or foot
  - UCSC will be a zero-waste community
  - 75% of food products on-campus will be sustainable
  - Undeveloped lands and sensitive habitats/species on campus will be thriving



# Campus Sustainability Plan, Procurement

## Procurement

### Sustainable Purchasing



With UCSC's Procurement Services, the Green Purchasing Working Group (GPWeG) promotes sustainable purchasing campuswide. Through broad outreach and collaboration, GPWeG works to increase environmentally preferable purchases and encourage behavior change, including the elimination of unnecessary purchases of goods and services.

A highlight of the 2010-13 CSP cycle was the launch of the Green Purchasing Guide on UCSC's Financial Affairs webpage. The guide was a major factor in the campus's 71% increase in

EPP purchases since 2009 and in the consensus to reduce office supply deliveries from 10 to six per week. GPWeG's 2012 Provost's Sustainability Intern (PSI) developed a "greenwashing" awareness program that will be made available to the entire campus community.

Over the next three years, GPWeG will expand its education efforts to increase products flagged as EPP in CruzBuy by 5% over 2012; encourage use of 100% post-consumer waste (PCW) paper; expand EPP office supply purchases to 150% of 2012 figures; and create and implement a life-cycle cost analysis tool for campus buyers. The group

will identify and initiate one new ongoing communication avenue per quarter (through fiscal year 2015) and create a campuswide EPP awareness and adoption program. To better track supply chain sustainability efforts, GPWeG will develop a method for benchmarking suppliers' sustainability profiles, incorporating performance metrics that exhibit suppliers' progress toward more sustainable business operations.

Our vision for UCSC in 2020 is a zero-waste community that incorporates life-cycle environmental impacts into product purchasing. New goods will be purchased only when necessary, with existing materials reused whenever possible.

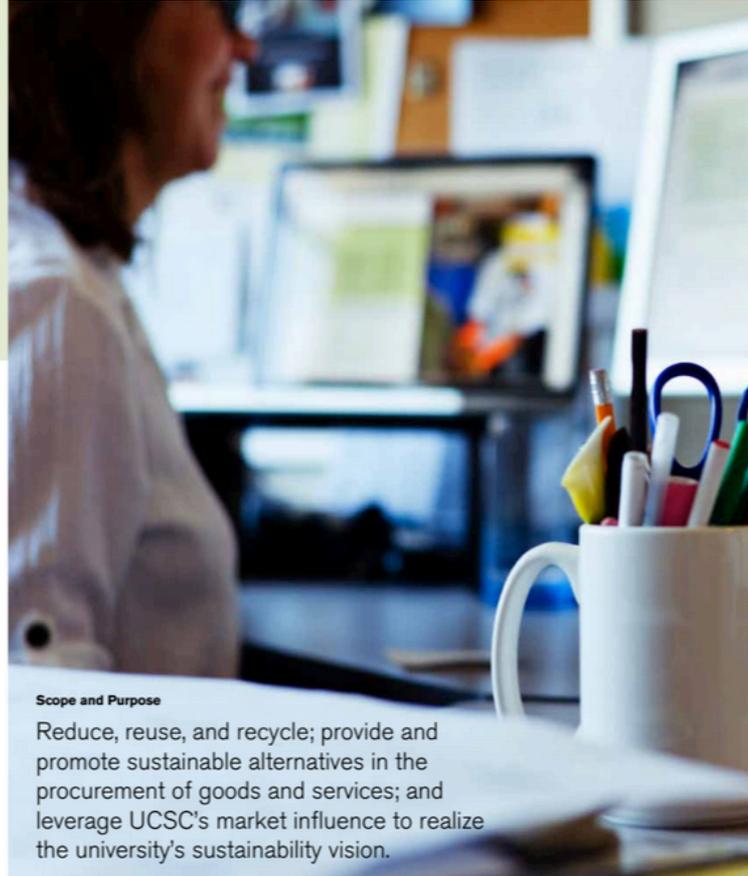
\*"Greenwashing" refers to marketing schemes that present a skewed or inaccurate picture of a product's sustainability or environmental qualities.

GOALS	OBJECTIVES
1. Increase the number of Environmentally Preferred Products (EPP) the campus purchases.	Increase products flagged as Environmentally Preferable Products in CruzBuy by 5% from 2012 figure by end of FY 2016. Identify competitive pricing for 100% post-consumer waste 8.5x11 white multi-purpose printing and copy paper to provide an incentive for increased campuswide use. Increase EPP office supply purchases by 150% from 2012 figures by end of FY 2015. Create and implement a life-cycle cost analysis tool for campus buyers by end of FY 2016.
2. Educate the campus community through effective outreach and collaboration to institutionalize sustainable procurement practices.	Ensure Environmentally Preferable Product training is part of CruzBuy training and that responsibility for doing so is a stated performance objective for the CruzBuy help desk. Use the Staff Human Resources Learning Management System platform to share Environmentally Preferable Product information.
3. Engage suppliers to develop strategies that promote sustainable procurement practices within the supply chain and measure those suppliers to agreed standards.	Develop and utilize tool for benchmarking suppliers' sustainability profile by spring 2015. Incorporate metrics that capture suppliers' progress toward more sustainable business practices and operations.

### Key Metrics



Data based on the number of line items ordered through CruzBuy and does not include purchases made with a precard or direct payments. In FY2012, 88% of dollar spent for goods and services were purchased through CruzBuy. The "green" indicators are limited to what SellStart-or CruzBuy had-currently offers which include Energizer, the charging device recycling program, a tree, or what suppliers have identified as being environmentally preferable.



### Scope and Purpose

Reduce, reuse, and recycle; provide and promote sustainable alternatives in the procurement of goods and services; and leverage UCSC's market influence to realize the university's sustainability vision.



# CSP Annual Report, Procurement

## Highlights



### Procurement

Increased use of 100% post-consumer waste recycled content paper by 122% and reduced overall paper use by 33% since fiscal year 2013.

### Achieved



### Procurement

Identify competitive pricing for 100% post-consumer waste 8.5x11 white multi-purpose printing and copy paper to provide an incentive for increased campuswide use.

Ensure Environmentally Preferable Product (EPP) training is part of CruzBuy training and that responsibility for doing so is a stated performance objective for the CruzBuy help desk.

Use the Staff Human Resources Learning Management System platform to share EPP information.

### Progressing

Increase products flagged as EPP in CruzBuy by 5% from 2012 figure by end of FY 2016.

Create and implement a life-cycle cost analysis tool for campus buyers by end of FY 2016.

Develop and utilize tool for benchmarking suppliers' sustainability profile by spring 2015.

Incorporate metrics that capture suppliers' progress toward more sustainable business practices and operations.

### We can do better

Increase EPP office supply purchases by 150% from 2012 figures by end of FY 2015.



# Addressing Supplier Sustainability

- Supplier Sustainability and Accountability
  - UCSC
    - Zero Waste by 2020
      - Reduce waste stream generated by supply chains
  - UC System
    - Carbon Neutral by 2025
      - Create process improvements in supply chains
  - Holding local suppliers accountable
    - PSI 2015-2016 Intern
- Greening the supply chain of the university (which has a large spend) and supply chains of Fortune 500 companies we work with = reducing the impact of overall commodity exchange of goods and services



# Project Goals

- Vision/Goal Statement
  - To create sustainability benchmarking tools and metrics for measuring supply chain behavior
- Quarterly Goals
  - Fall
    - Determine suppliers and begin tool development/benchmarking
  - Winter
    - Work with suppliers to benchmark and develop commitment document
  - Spring
    - Finalize commitment document (SOAP) and partner with suppliers to complete them



# Project Methods

- Tool Development
  - Tools
    - Supplier Sustainability Scorecard (*benchmarking tool*)
      - Created matrix and tracking database via excel
      - Utilized e-procurement Analyst tools
    - Sustainability Opportunity and Action Plan (SOAP) (*agreement/commitment tool*)
- Supplier Engagement
  - Email and phone communication
- Other Resources
  - UC Procurement Officials
    - Other UC campuses
    - UCOP Sustainability Officials



# Data Analysis (Fall)

Supplier Name	Commodity Category	PO Sustainability Encumbrance	Finite Supplier Spend	Spend Radar	Commodity Categories	#	Totals:
City Cycle Center	Used Vehicles	\$327,184.71	n/a	\$296,468.38	IT	9 (0 Green)	47 Total Suppliers
Cardinal Health Inc	Pharma/Med Surg supplies	\$300,000.00	\$1,196,368.10	\$1,125,694.00	IT (Hardware)	2 (1 Green)	9 "Green" Suppliers
WW Grainger Inc	MRO	\$271,836.00	n/a	\$297,014.34	IT (Hardware & Software)	1	23 Commodity Categories
Mpress Digital Inc	Printing services	\$137,206.53	n/a	\$128,695.90	IT (television)	1	Red = No Identified "Green" Suppliers in the category
Consolidated Electrical Distributors Inc/CED	MRO	\$126,247.10	n/a		IT (office)	1	
Praxair Distribution Inc	Gas	\$118,140.19	n/a		IT (supplies)	1	
US Foods Inc	food	n/a	\$8,421,248.77	\$8,291,812.60	office supplies	3	
Graybar Electric Co Inc	IT Hardware	\$94,586.43	n/a		event/supplies	1 (1 Green)	
Alexis Party Rental, Inc	event/supplies	\$82,675.65	n/a		cleaning supplies	1	
Huron Consulting Services LLC	consulting	\$1,858,000.00	\$1,328,352.56	\$1,251,928.23	clothing/supplies	1	
Trinity Fresh Distribution	food	\$1,470,110.00			Pharma/Med Surg supplies	1 (1 Green)	
Advanced HPC Inc	IT	\$1,438,503.52	\$920,409.41	\$934,116.17	AV Equipment	1	
Cisco Systems Inc	IT	\$1,386,427.59	\$1,460,401.81	\$1,459,276.09	life sciences	7	
Fisher Scientific Company LLC	life sciences	\$1,194,173.94	\$1,245,558.71	\$1,221,993.75	Gas	1 (1 Green)	
PBI/Peninsula Business Interiors (Steelcase Dealer)	furniture (office)	\$1,160,838.71	\$1,039,305.19	\$1,031,927.93	food	4 (1 Green)	
DCI Inc	furniture (dorms)	\$1,014,947.52	\$692,949.98	\$859,121.77	furniture	5	
Apple Computer Inc	IT	\$1,012,689.57	\$2,085,485.40	\$2,037,726.24	Used Vehicles	1 (1 Green)	
Dell Marketing LP	IT	\$975,885.51	\$1,031,405.78	\$1,017,552.04	Printing services	1 (1 Green)	
Efficient Technology Solutions LLC	IT	\$954,883.73	\$756,451.80	\$756,451.80	publishing/office	1	
CDW Government Inc	IT	\$746,240.29	\$449,352.94	\$443,700.24	MRO	2 (2 Green)	
OfficeMax (No PO Walk-in Orders)	office supplies	\$613,942.81	\$616,164.85	\$587,586.30	photography/arts	1	
Sustainable Furniture, Inc	furniture (dorms Refurbishment and new)	\$556,291.91	n/a	\$253,929.04	consulting	1	
Waxie Sanitary Supply	cleaning supplies	\$537,608.03	\$572,492.37	\$537,695.02			



# Supplier Sustainability Scorecard (Winter)

Supplier Sustainability Scorecard mmeister@ucsc.edu

File Edit View Insert Format Data Tools Add-ons Help Last edit was on April 10 Comments Share

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	A	B	C	D	E	F	G	H	I	J	K
1											
2											
3	Does your company have an Environmental Policy Statement?	✓	✓	✓	✗	✓	✓	✓	✓	✓	
4	Are there positions in your organization dedicated to advancing sustainable practices?	✓	✓	✓	✗	✓	✓	✓	✓	✓	
5	Have you developed any green/sustainable programs?		✓	✓	✗, ✓	✓	✓		✓	✓	
6	If so, do you have performance metrics/milestones to evaluate their effectiveness?	✓	✓		✓	✓	✓		✓	✓	
7	Do you occupy any LEED certified buildings?		✗	✓	✗	✓			✓	✓	
8	Have you received any certifications for your green/sustainable business practices?		✓	✓	✗	✓	✓		✓	✓	
9	Do you have policies in place to monitor and manage your supply chain regarding environmental issues?		✗, ✓	✓	✗	✗	✓		✓	✓	
10	Do you promote alternative transportation for your employees and your company business?		✓	✓	✓	✓	✓		✓	✓	
11	Do you measure the waste that your company generates annually (including the percentage of that waste stream that is diverted from a landfill)?		✓	✓	✗	✓	✗		✗	✓	
12	Does your company have a recycling program in place?		✓	✓	✗	✓	✓		✓	✓	
13	Do you have programs in place for promoting resource efficiency?		✓	✓	✗, ✓	✓	✓		✓	✓	

Scorecard Matrix



# Supplier Sustainability Scorecard (Winter)

- Environmental Policy
- Sustainability in Job Descriptions
- Green/Sustainable Programs
- Metrics/Evaluation of Environmental Performance
- Company Building Resource Efficiency
- Environmental Certifications
- Supply Chain Policy/Programs
- Sustainability Promotion in the Workplace
- Monitoring of Company Waste Stream
- Recycling Programs
- Energy Efficiency Programs
- Recycled Content in Packaging
- Shipping Materials
- Recyclable Packaging
- Take Back Programs
- Environmentally Preferred Products (EPP)
- Customer Feedback on Sustainability

## WAXIE EXAMPLE

(9) Supply Chain Policy

(15) Shipping Materials

(17) Take Back Programs

(18) Environmentally Preferred Products (EPP)/Supply Chain Programs

- Create company-wide supply chain policy focused on environmental issues.
- Expand alternative transportation options for your employees across more (if not all) locations.
- Research alternative shipping materials and take back programs where feasible.
- Create environmentally focused EPP/Supply Chain programs.



# UCSC Sustainability Opportunity and Action Plan (SOAP) (Spring)

Waxie Sanitary Supply,

Congratulations on taking the first step towards becoming a pioneer of sustainability in the UCSC supplier community. We are excited for your participation in UCSC's Sustainability Opportunity and Action Plan, or better known as SOAP.

As a partner of UCSC, together we will create an action plan that will outline their effort to improve the environmental sustainability of their supply chain and business operations.

Sustainability is a vital component of the University of California community, and our goals to become even more environmentally sustainable continue to push boundaries. In November 2013, President Janet Napolitano announced the UC initiative to become carbon neutral by 2025, becoming the first major university to accomplish this achievement.

UCSC is one of the leading UC campuses in the effort to promote environmental stewardship. UCSC is on the path to reducing greenhouse gas emissions below 1990 levels, having 75 percent sustainable food products on campus, and becoming a zero-waste community by 2020! As a partner and friend of UCSC, we are excited to have you join this effort to reach our 2020 goals.

UCSC and Supplier have developed the following action plan. Progress on the outlined improvables will be evaluated by UCSC and Supplier by the date(s) listed below:

- *ex. Waxie Sanitary Supply will create an employee recycling program in an effort to reduce their internal waste stream by July 2015.*
- *(Number of bullets will be dependent on individual supplier)*

Supplier will use best efforts to keep UCSC apprised on the progress made on action plan and UCSC may request periodic updates as needed.

Supplier gives permission to UCSC to share this document publicly, on its web-site, in presentations or otherwise. The purpose of this sharing is for informational purposes only and should not be construed as any official UCSC endorsement or marketing on behalf of the Supplier.



# Measureable Results

- Metrics from outcomes
  - Suppliers: OfficeMax/OfficeDepot, Ricoh, Nestle, Consolidated Electrical Distributors (CED), Waxie Sanitary Supply, DCI Furniture, Hewlett Packard (HP), Humanscale, Interface
    - 55% of suppliers have *actively* participated
    - 89% of suppliers have participated in *at least one* of the phases of the project
- Next intern will measure the success of the SOAP document by monitoring their improvements



# Learning Outcomes

- What I learned
  - Tool Development
  - Engaging with Suppliers--Confidence!
  - “Behind the Curtain” at PS
  - Knowledge of Procurement, Supply Chain, and Business Operations
- How I grew
  - Professional Development
- Project reflections
  - Got to engage with a sector of campus most students don't
  - Left a lasting impact with useable tools, refreshed outlook on sustainability
  - Things that I would have changed → Wont go to waste! The new intern will have a heads up to improve and further develop the tools I created



# What's next for the project?

- PSI Mentor: Nancy Nieblas
- PSI Intern: William Watson
  
- Further develop matrix with new and relevant sustainability criteria
  
- Partner with suppliers to complete their SOAP document
  - Work closely with local suppliers to improve their supply chains
  
- Create and auditing/reward system for suppliers who have completed a SOAP



# Questions and Suggestions

- Suggestions for engaging with suppliers
  - How do we keep them involved in the project?
  - How can we incentivize them to commit to outlined objectives with timelines?
- How do we promote suppliers who have completed their SOAP document?
  - Is there potential to advertise this on CruzBuy?
- Is having information on Supplier Sustainability useful/helpful for you?
- What would you like to see happen in the project?

