

**The**  
**Sustainability and Environmental Management Committee's**  
**Green Procurement Working Group**

**Preliminary Findings and Recommendations**

May 13, 2015

# Objectives and Tasks....

- Develop Recommendations for Generating Baselines for “Green Product” Purchases
- Develop and Recommend “Green Procurement” Protocols, Goals, and Policy for Texas A&M University
- Develop STARS (Sustainability Tracking, Assessment, and Rating System) Guidelines for Business Partners

# Working Group Members....

- Paul Barzak Procurement Services
- Ron Carter Chemistry
- Ted Dawson SSC Service Solutions
- Kenny Kimball Transportation Services
- Priscilla Luna Today's Business Solutions

# Determination of Baseline Parameters....

- **Guidance**
  - STARS (v2.0) National Reporting Metrics
  - Kelly Wellman
  
- **Working definition of “Green Products”**
  - Products which are certified to meet one or more mainstream/industry-wide sustainability standard such as Energy Star, EPEAT, ERP Ready, Green Seal, GreenGuard, UL Environment (EcoLogo), RoHS, TCO, and WEEE, or carries a Post-Consumer Content or Agricultural Residue (“recycled”) certification.
  
- **Data Analysis Timeframe - 18 month period**
  - Begin: March 01, 2013
  - End: August 31, 2014
  
- **Data Sources**
  - AggieBuy
  - FAMIS and Business Objects
  - TAMU’s Primary Suppliers from each Category
  
- **Baselines are Expressed as a Percentage (%) of Total Spending in each Category that is Directed to “Green” Products.**

# Challenges and issues....

- **Limitations of Current Data Sources**
  - AggieBuy / FAMIS / Business Objects / Suppliers
  - “Green” Detail not Consistently or Reliably Captured
- **Significant Delegated Purchasing Activity**
  - No Mandatory-use Contracts or Suppliers
  - Virtually Unlimited Number of Suppliers
  - Use of Payment Cards
  - Reimbursements
- **Whether to include:**
  - Additional Paper Products?
  - Additional Commodities Categories?
  - Services Categories?
- **Whether and How to Capture Progress toward Sustainability Goals “*pre-Benchmark*”**
- **Distinguishing True Progress toward Sustainability Goals from Improved Data Capture “*post-Benchmark*”.**

# Baseline Categories (STARS v2.0).....

## ➤ **Electronics**

- Desktop / Laptop / Notebook Computers
- Monitors / Displays

## ➤ **Cleaning and Janitorial Supplies**

- Sanitary Paper Products
- Fluids and Powders

## ➤ **Office Paper**

- Copier / Multi-Purpose
- Business Cards, Letterhead, Envelopes

## ➤ **Inclusive and Local Purchasing**

- Disadvantaged Businesses, i.e. Texas-based HUBs
- Local, Community-based Businesses

# Electronics....

## ➤ Reporting Suppliers:

- CDW-G
- GovConnection
- Avinext
- MacResource
- Summus/Dell

➤ **Total Expenditure:** \$2,649,658.76

➤ **“Green” Expenditure:** \$341,437.40

➤ **“Green” Percentage:** 12.9%

# Cleaning and Janitorial Supplies....

## ➤ Reporting Suppliers:

- SSC
- Grainger

## ➤ Total Expenditure:

## ➤ “Green” Expenditure:

## ➤ “Green” Percentage:



# Office Paper – Copier and Multi-Purpose....

## ➤ Reporting Supplier:

- Today's Business Solutions

➤ Total Expenditure: \$782,459.02

➤ "Green" Expenditure: \$132,491.95

➤ "Green" Percentage: 16.9%

# Office Paper - Business Cards, Letterhead, Envelopes....

➤ **Reporting Supplier:**

- TOPS Printing, dba AlphaGraphics

➤ **Total Expenditure:** \$307,121.79

➤ **“Green” Expenditure:** \$307,121.79

➤ **“Green” Percentage:** 100%\*

*\*As specified by TAMU’s Department of Marketing & Communications, all products printed on NEENAH Paper “Environment 100% PC Premium Recycled Papers”, which are FSC-certified.*



# ENVIR<sup>N</sup>CALCULATOR

## ENVIRONMENTAL IMPACT AUDIT RESULTS

ENVIRONMENT® Papers	Color: PC 100 White	Paper Weight: 100 LBS Cover	<b>Post Consumer Content: 100%</b>	Quantity: 26,175 Sheets (35" x 23")
ENVIRONMENT® Papers	Color: PC 100 White	Paper Weight: 24 LBS Writing	Post Consumer Content: 100%	Quantity: 131,000 Sheets (35" x 23")

With this project, Alphagraphics - Formally Tops Printing will save the following resources:

	<b>67,320 LBS of wood</b> , which is equivalent to <b>216 trees</b> that supply enough oxygen for <b>108 people</b> annually.
	<b>101,147 Gallons of water</b> , which is enough water to for <b>5,880 eight-minute showers</b> .
	<b>73 BTUs of energy</b> , which is enough energy to power the average household for <b>&lt; 1 days</b> .
	<b>6,771 LBS of solid waste</b> , which would fill <b>1,472 garbage cans</b> .
	<b>6,403 LBS of emissions</b> , which is the amount of carbon consumed by <b>74 tree seedlings grown for 10 years</b> .



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Environmental impact estimates for savings pertaining to the use of post consumer recycled fiber are based on the Environmental Defense Fund Paper Calculator and research done by the Paper Task Force, a peer-reviewed study of the lifecycle environmental impacts of paper production and disposal.






Calculations based on research by Environmental Defense Fund and other members of the Paper Task Force

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*...has saved...*

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	67,320 LBS of wood, which is equivalent to 216 trees that supply enough oxygen for 108 people annually.
	101,147 Gallons of water, which is enough water to for 5,880 eight-minute showers.
	-73 BTUs of energy, which is enough energy to power the average household for < 1 days.
	6,771 LBS of solid waste, which would fill 1,472 garbage cans.
	6,403 LBS of emissions, which is the amount of carbon consumed by 74 tree seedlings grown for 10 years.



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# Inclusive and Local Purchasing....

## ➤ HUB Expenditures

- Total Purchases, all Suppliers: \$689,331,308.21
- Total Purchases , HUB Suppliers: \$47,127,927.89
- HUB Percentage: 6.8%

## ➤ Local Expenditures

- Total Purchases, all Suppliers: \$689,331,308.21
- Total Purchases, Local Suppliers: \$30,140,578.66\*
- Local Percentage: 4.4%

*\*Includes payments of \$18,014,506.08 to BTU*

# Recommendations / Next Steps....

- Determine what TAMU's percentage Goals in each Category should be:
  - Comparison with Peer Institutions?

Thank you!