



Sustainable Purchasing: Landscape of Procurement Tools

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**National Academies of Science
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What Are Green Purchasing Tools?

- ▶ Policies
- ▶ Standards & Certifications
- ▶ Labels
- ▶ Vendor Programs
- ▶ Tracking Systems
- ▶ Reports



Three Big Ones in My World



STARS

Sustainability
for Higher Ed

LEED

Green
Building

ACUPCC

Carbon-
Neutrality



Tool Characteristics

	STARS	LEED	ACUPCC
Stakeholder Consensus	x	x	x
Public Report	x		x
Self-Declared	x		x
Third-Party Certified		x	
Comparative	x		x
Financial	x	x	x
Adoption	297	9139	674



Purchasing Policies

	STARS	LEED	ACUPCC
EPEAT	x	/	
Cleaning	x	x	
Paper	x	/	
Historically Underutilized Businesses	x		
Local	x		
Consumables		x	
Durables		x	
Mercury in Lamps		x	
LEED			x
Carbon Offsets			x



Procurement Credits

	STARS	LEED	ACUPCC
Food Purchasing	x	x	
Recycled Content Napkins	x	x	
Reusable To-Go Containers	x	/	
Renewable Energy	x	x	x
LED Lighting	x		
Snow and Ice Removal	x	x	
Computer Purchasing	x	x	
Cleaning Product Purchasing	x	x	
Office Paper Purchasing	x	x	x
Historically Underutilized Businesses	x		
Local	x	x	
Fleet	x	x	x
Waterless Urinals	x		
Trademark Licensing	x		
Recycled Content		x	
Rapidly Renewable Materials		x	
Office Supplies		x	
Office Equipment		x	
Energy Star rated Furniture	/	x	/



Tracking Tools - STARS

A program of 

sustainability@american.e... | American University | Help | Log Out

Abstract Get Involved STARS Institutions News & Events Reporting Tool

STARS Institutions > American University > Jan. 31, 2011 > OP-10: Computer Purchasing



American University OP-10: Computer Purchasing

Status	Score	Responsible Party
✓	2.00 / 2.00	Emily Curley Sustainability Coordinator Sustainability

Overall Rating: Gold
Overall Score: 69.90
Submission Date: Jan. 31, 2011
President's Letter: [Download](#)
Download: [PDF](#)

STARS v1.0

EDUCATION & RESEARCH

- E Co-Curricular Education
- F Curriculum
- E Research

OPERATIONS

- E Buildings
- F Climate
- E Dining Services
- F Energy
- E Grounds
- F Purchasing

[OP-10: Computer Purchasing](#)

[OP-11: Cleaning Products Purchasing](#)

[OP-12: Office Paper Purchasing](#)

[OP-13: Vendor Code of Conduct](#)

Reporting Fields Credit Info

— indicates that no data was submitted for this field

Does the institution have an institution-wide stated preference to purchase EPEAT Silver or higher computers and monitors? 

Yes

The website URL where the EPEAT policy, directive, or guidelines are posted 

<http://www.american.edu/finance/sustainability/purchasing.htm>

A brief description of steps the institution has taken to ensure that the purchasing policy, directives, or guidelines are followed 

AU maintains a sustainable purchasing policy to guide University procurement in ways that advance social responsibility and environmental sustainability.



Tracking Tools - LEED



Tracking Tools - ACUPCC

772-2011-inventorycalculator [Read-Only] - Microsoft Excel

Spreadsheet Map

Use the boxes below to hide or unhide the input sections.

Institutional Data

Scope 1

Cogeneration

Other Stationary

Transportation

Refrigeration

Agriculture

Scope 2

Electricity

Steam / Water

Scope 3

Commuting

Travel

Solid Waste

Wastewater

Paper

Offsets

On this Worksheet: Enter data related to emissions. If a column does not apply or the data is unavailable, leave it blank.

MODULE Input

WORKSHEET Input: Enter emissions source activity and institutional data

UNIVERSITY American University

Fiscal Year	Budget - Click here to enter data			Population			Physical Size		Institutional Data					
	Operating Budget	Research Budget	Energy Budget	Full Time Students	Part-Time Students	Summer School Students	Faculty	Staff	Total Building Space	Total Research Building Space	Residual Oil (#5-6)	Distillate Oil (#1-4)	Natural Gas	LPG (Propane)
	\$ (2005)	\$ (2005)	\$ (2005)	#	#	#	#	#	Square feet	Square feet	Gallons	Gallons	MMBtu	Gallons
1990	\$ -	\$ -	\$ -											
1991	\$ -	\$ -	\$ -											
1992	\$ -	\$ -	\$ -											
1993	\$ -	\$ -	\$ -											
1994	\$ -	\$ -	\$ -											
1995	\$ -	\$ -	\$ -											
1996	\$ -	\$ -	\$ -											
1997	\$ -	\$ -	\$ -											
1998	\$ -	\$ -	\$ -											
1999	\$ -	\$ -	\$ -											
2000	\$ -	\$ -	\$ -											
2001	\$ -	\$ -	\$ -											
2002	\$ -	\$ -	\$ -											
2003	\$ -	\$ -	\$ -											
2004	\$ -	\$ -	\$ -											
2005	\$ -	\$ -	\$ -	8,960	3,002	3,989	694	1,671	3,009,254	21,310	47,725	121,510		
2006	\$ -	\$ -	\$ -	8,901	3,137	4,255	705	1,742	3,344,729	23,500	7,006	129,626		
2007	\$ -	\$ -	\$ -	8,845	3,038	4,168	708	1,764	3,344,729	23,500	-	129,553		
2008	\$ -	\$ -	\$ -	8,930	2,939	3,909	737	1,764	3,344,729	23,500	-	134,693		
2009	\$ -	\$ -	\$ -	9,239	2,944	3,936	890	1,790	3,348,813	23,500	-	147,077		
2010	\$ -	\$ -	\$ -	9,654	3,051	4,151	982	1,828	3,331,157	23,500	-	145,102		
2011	\$ -	\$ -	\$ -	9,911	3,136	4,148	1,019	1,859	3,542,614	23,500	-	145,687		

Note: Signatories of the ACUPCC should reference the Implementation Guide, as they have specified definitions for many data categories. You may gather data for the categories that differ in the [ACUPCC Reporting Worksheet](#). For guidance reference the [ACUPCC Implementation Guide \(pdf\)](#).

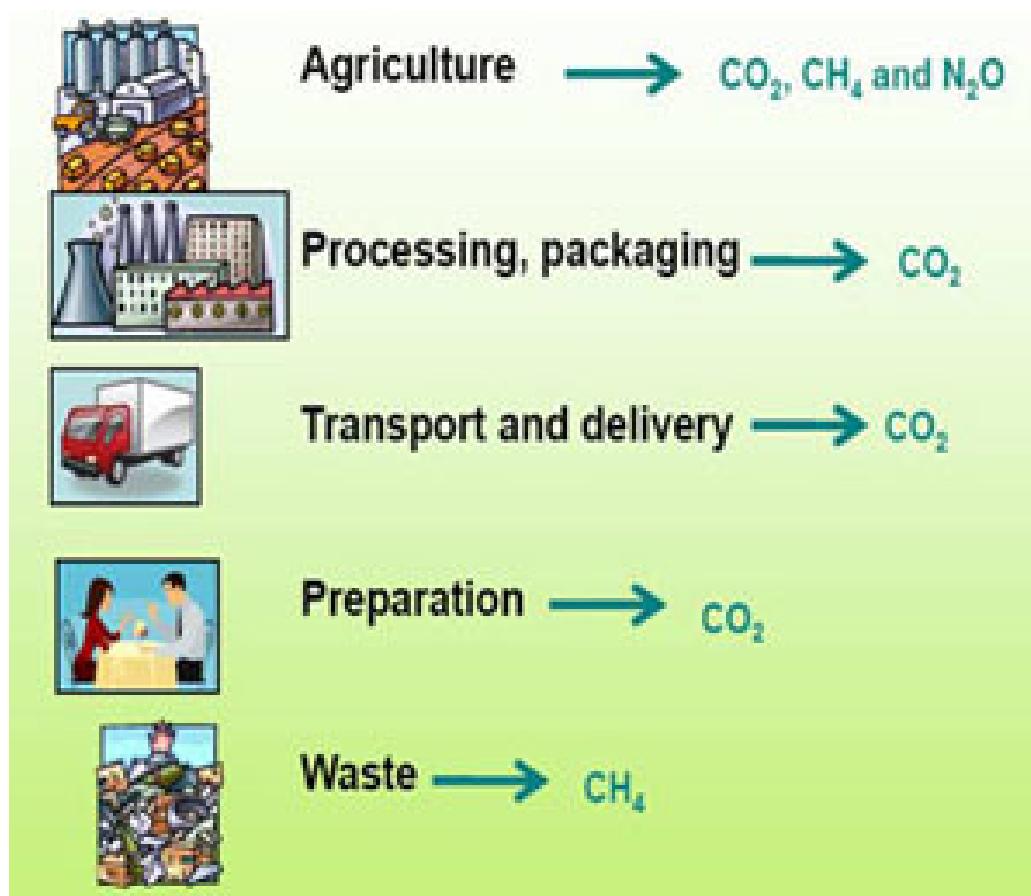
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User Agreement / Introduction / Spreadsheet Map / **Input** / Input Commuter / S eCO2 Sum / ACUPCC Reporting / EF ElectricMap / EF GWP / Tr



New Tool On the Block: CHEFS

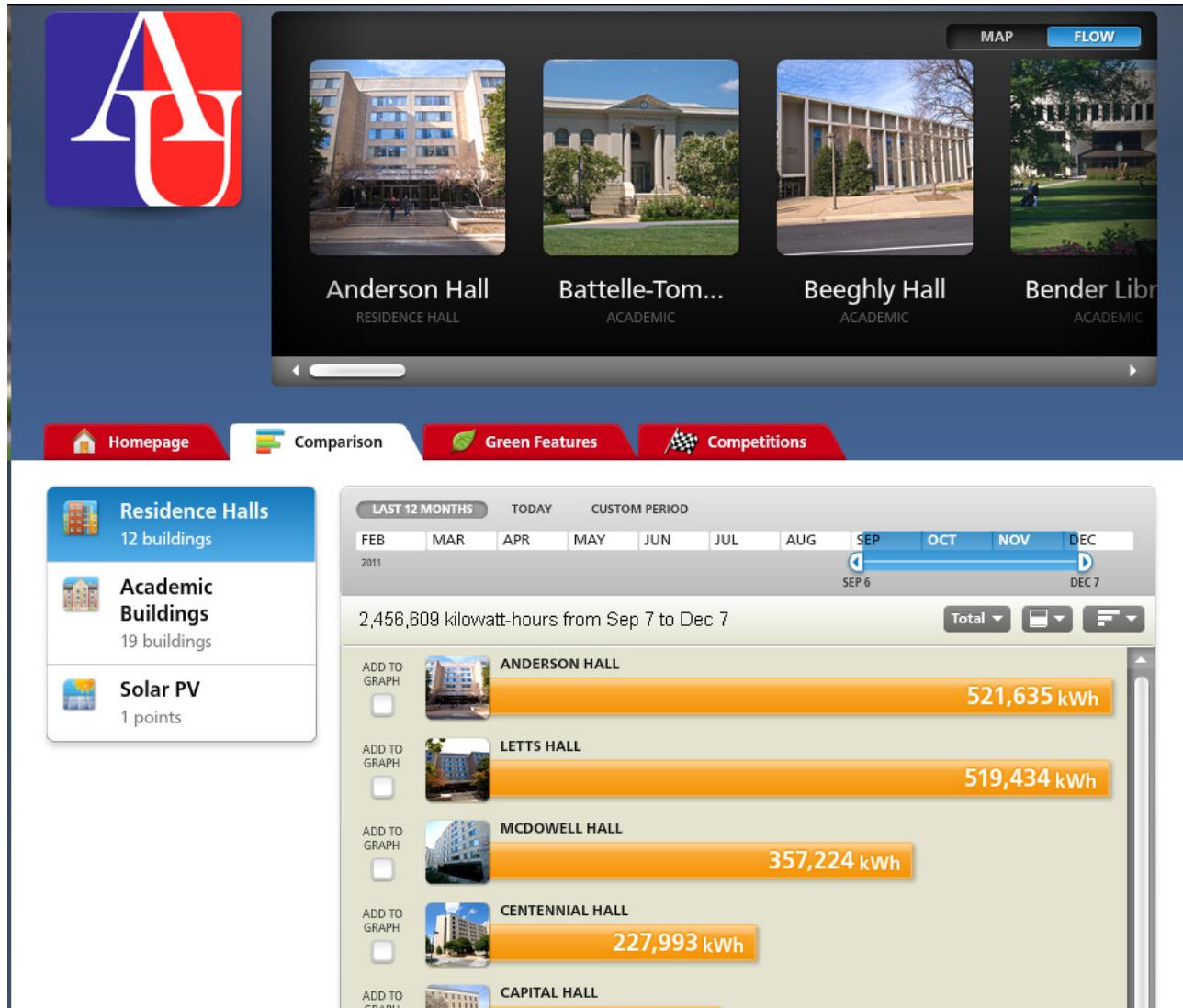
CHarting Emissions from Food Services



Dashboards: Off-the-Shelf



Dashboards: Online, Public



Dashboards: Office-Level



Congratulations! Your office is greening the American dream by piloting AU's Green Office program. Complete the monthly worksheets and this scorecard will automatically calculate your score. Questions? Contact sustainability@american.edu.

Office of Sustainability
Joshua Kaplan
Green Eagle Student - N/A

<u>Score</u>	<u>Level</u>
#DIV/0!	#DIV/0!

Credits	Possible Points	Points Earned
Green Commute 1 Total employees in office 2 Send Transportation email 3 Commuter Modes 4 Commuter Programs 5 Car Free DC Pledge	10 Prerequisite Prerequisite 8 2 Bonus	7 5.3 0.8 0.6
Green Supplies 1 Copy paper is at least 30% pcw recycled 2 Printers are set to print double-sided by default 3 Paper margins are set to 3/4-inch on all sides by default 4 Copies are made double-sided and a reminder sign is posted 5 Scrap paper is collected and used 6 Purchased copy paper is 100% pcw recycled, PCF and FSC certified 7 All other office supplies are from Staples "Eco-Options" list 8 Ink cartridge refills or remanufactured cartridges are used 9 Documents are shifted toward electronic forms	10 Prerequisite 2 1 1 3 1 1 1 Bonus	10.8 1.2 0.6 1.0 1.0 3.0 1.0 1.0 2.0
Energy 1 Appliance inventory is complete 2 New appliances are Energy Star rated 3 Apply light switch stickers 4 Set computers to energy-saving modes 5 Unplug personal electronics when not in use 6 Efficient task lighting is used 7 Complete the Campus Shutdown checklist on Dec. 22nd. 8 Only use networked printers 9 Remove unnecessary lamps/light bulbs 10 Charge your phone with solar power	10 Prerequisite Prerequisite Prerequisite 3 2 2 1 2 Bonus Bonus	#DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! 0.0 #DIV/0! 0.0 #DIV/0!

[Scorecard](#) [Office Profile](#) [Inventory](#) [Green Commute](#) [Green Supplies](#) [New Dec Energy](#) [Innovation](#)



Better Sustainable Purchasing Tools

- ▶ Integrated with Financial Systems
- ▶ Integrated with Green Systems
- ▶ Online & Optionally Public
- ▶ Aesthetically Beautiful -- to Motivate Behavior Change



Thank you! Questions?

AU Office of Sustainability



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www.american.edu/sustainability



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