



Green2Go Overview

This past year, the University of Pennsylvania became one of the most recent schools to engage in a reusable to-go program in their Residential Dining Cafes. In response to the Penn Climate Action Plan, Hospitality Services obtained a grant through the Penn Green Fund which involved using reusable food containers in three dining cafes – 1920 Commons, Hill House, and English House. Launched in Fall 2013, the “Green2Go” program’s primary goal was to reduce the 171,000 disposable clamshells that end up in landfills by two thirds.

Execution

We purchased 6,500 reusable Green2Go containers for AY 13-14. Students on a dining plan were provided one complimentary Green2Go container while non-dining plan holders had the opportunity to purchase one for \$7. To enroll in the program, students obtained a “Key2Green” keytag from Stouffer Commons which was to be exchanged at the cashier station any time a student wanted a to-go meal. Students exchange the dirty (rinsed) container for a clean one or retrieved their Key2Green. Anyone who chose not to participate in the program, but wanted a to-go meal were charged \$2 for a disposable clamshell. This nominal charge was used as a disincentive for participating in the Green2Go program.

Results

Inventory

A combination of 948 students, RA/GAs, Faculty Masters, and House Deans obtained a Key2Green for AY 13-14.

Green2Go Inventory by Dining Cafe

Green2Go Containers	Unused	Returned	Broken	Total
Hill House	2028	404	2	2434
English House	96	62	0	158
1920 Commons	2268	179	50	2497
Total	4392	645	52	5089

We assume around 20-30 containers are still floating in offices.

948 Keys2Green were picked up from Stouffer Commons during the Academic Year.

846 Fall Semester

102 Spring Semester

With 948 Keys2Green given out and 697 Green2Go containers returned. We attribute the difference to the following:

- A three week period of cashier confusion where containers were given out without Keys2Green.
- Family members of CHAS staff receiving Green2Go containers without Keys2Green.
- Students sharing Keys2Green, thereby allowing multiple containers to be out per student.

Environmental

Total number of Green2Go containers and disposable clamshells purchased from August 2013-May 2014

	Profit Center Name	Product Number	Product Description	Net Quantity	Net Sales Amt	Unit Cost
Fall 2013 (FY14)	0111HilResidentialDining	74398900	Green2Go	13	\$ 91.00	\$ 7.00
	0111HilResidentialDining	73438990	Disposable2Go	233	\$ 466.00	\$ 2.00
	0121KingsCourtEnglishHse	74398900	Green2Go	2	\$ 14.00	\$ 7.00
	0121KingsCourtEnglishHse	73438990	Disposable2Go	2	\$ 4.00	\$ 2.00
	0142ResidentialDining	74398900	Green2Go	2	\$ 14.00	\$ 7.00
	0142ResidentialDining	73438990	Disposable2Go	458	\$ 916.00	\$ 2.00
Spring 2014 (FY14)	0111HilResidentialDining	74398900	Green2Go	18	\$ 126.00	\$ 7.00
	0111HilResidentialDining	73438990	Disposable2Go	48	\$ 96.00	\$ 2.00
	0121KingsCourtEnglishHse	74398900	Green2Go	4	\$ 28.00	\$ 7.00
	0121KingsCourtEnglishHse	73438990	Disposable2Go	1	\$ 2.00	\$ 2.00
	0142ResidentialDining	74398900	Green2Go	5	\$ 35.00	\$ 7.00
	0142ResidentialDining	73438990	Disposable2Go	425	\$ 850.00	\$ 2.00

2012-2013: 171,000 clamshells used in Residential Dining Cafes

2013-2014: 1,167 clamshells used in Residential Dining Cafes

This accounts for a **99.3%** reduction in disposable takeout containers for the Academic Year.

Financial

Bon Appetit realized a \$67,267 reduction in costs associated with the disposable clamshells between FY 13-14. From August 15, 2013 through May 22nd, 2014, 25,000 disposable clamshells were purchased for a total cost of \$11,399.84.

Recommendations

While the program was successful, we have identified areas of improvement for next year.

First, we need to develop tracking technology to manage the distribution of the containers thus eliminating the Key2Green and allowing us to track the names of people who have a container out. We are exploring new options for this.

Second, we need to work on better program participation at 1920 Commons. Commons had the most disposable purchases for the year. This will be done by creating a marketing campaign directed at upper classmen. We will also provide better training for the cashiers to ensure containers and distributed properly.

Finally, we need to evaluate the feasibility of implementing the Green2Go Program at McClelland Express. As a dish free facility, McClelland utilizes disposable containers to serve food. Introducing the Green2Go Program in this location will help us achieve a great environmental impact.

Conclusion

We are pleased to report the partnership between Hospitality Services, Bon Appetit, and the Penn Green Campus Partnership was a success. The Green2Go program helped Bon Appetit realize a financial savings, but more importantly the program enabled a significant reduction in landfill waste. This environmental impact is in direct alignment with the goals of Penn's Climate Action Plan.

We look forward to continuing this partnership by administering the Green2Go program in the 2014-2015 academic year.