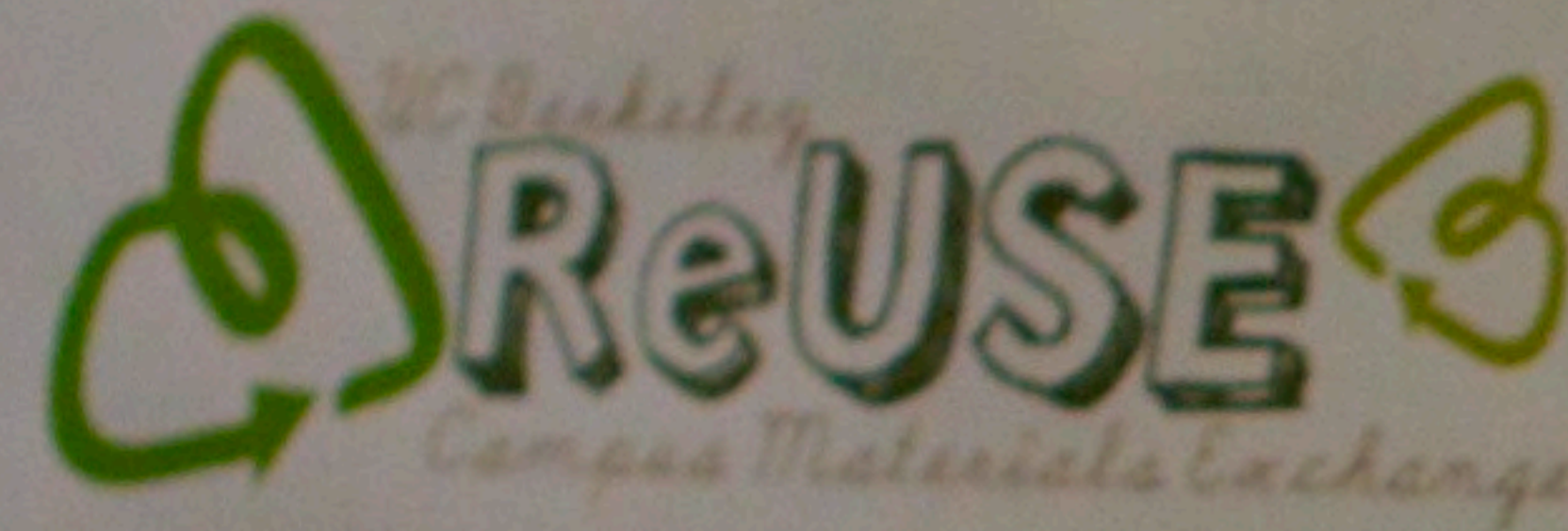




Chancellor's Advisory
Committee on Sustainability

A REUSE JOB FOR UPERMAN

Transforming a telephone booth to a ReUSE Station in Barrows Hall



Project Leader: Claire Porter
Partnership with Trevor Oda, Assistant Facilities Manager, Barrows Hall

What is a ReUSE Station?

For several semesters, ReUSE has maintained a "ReUSE Station" in Barrows Hall which serves as a location for students and staff to take or donate useful but unwanted material.

Common items exchanged at a ReUSE Station



ReUSE Stations across campus

PROBLEM

Despite the excellent resource that ReUSE Stations provide, few people take advantage of the ReUSE Station due to its lack of signage and poor condition.

SOLUTION

With our grant funding, we improved the visibility of the station by:

- removing old telephone bench seat
- installing evenly spaced shelving
- repainting interior of station
- installing signs



ReUSE Station prior to renovation



February 2013: Shelving installed



April 2013: Station repainted, signs installed (signs are reused material)

The Green Initiative Fund
University of California, Berkeley



Compost Alliance

The Road to a Campus-Wide Composting System



Abstract

Compost Alliance is a student group dedicated to implementing a campus-wide compost diversion system to help UC Berkeley achieve its goal of Zero Waste by 2020, while helping reduce greenhouse gas emissions, save the campus money, and encourage sustainable practices. Compost Alliance seeks to achieve the 'critical mass' of enough buildings with composting necessary for justifying 'in-house' composting for the campus. Moving forward, our group seeks to expand composting into even more buildings on campus, and more importantly, move towards institutionalizing the composting system by permanently integrating it into already established campus waste services. To date, Compost Alliance has implemented composting in 17 campus buildings.

Our Approach

Compost Alliance has been working to expand composting (and recycling) systems to include all buildings on campus. Student coordinators, assistants and volunteers work directly with campus stakeholders, including building managers, custodians and building occupants, to progressively implement waste diversion systems in each building across campus, with special focus on composting. In addition to the infrastructural component, our project has been working to educate the campus community on waste reduction topics via educational outreach efforts and the development of universal campus signage, both of which are central to the success of program.

"Achieving Critical Mass"

Recology, an outside vendor, currently collects UC Berkeley's compost. When the campus is generating enough compost to fill up an entire truck, our own Campus Recycling and Refuse Services (CRRS) will be able to collect it. Bringing internal collection of composting and consolidating equipment and supply purchases will reduce both fixed and variable costs of composting per building and, as compost increases, reduce costs through economies of scale. In-house composting will eventually allow the campus to divert over 2000 tons of landfill waste per year. That equates to roughly 300,000 kgCO₂E (emissions) saved each year.



Our standard kitchenette waste bin arrangement, as seen at Energy Biosciences Institute



Max-A bins make composting elegant, as seen in Wurster Hall

Maintenance, Education and Advocacy

This year we have concentrated our efforts on maintenance of existing composting systems while advocating for the institutionalization of composting on campus. We conducted "surges" of buildings to fix and replace bins and signs that may have been misplaced, and we met with building managers and custodial supervisors to check on the actual operations of composting systems. We used newsletters, presentations and tabling to conduct educational outreach on sorting waste and the environmental and economic benefits of composting. We also collaborated with campus staff to deliver a letter to the Chancellor advocating for administrative support for the operation and financing of campus-wide composting.

Accomplishments

Over the 2012-2013 school year, Compost Alliance has:

- Implemented composting in the new Energy Biosciences Institute, providing 17 new compost bins
- Implemented paper towel composting in International House restrooms, transforming 59 existing bins into compost bins
- Implemented composting in the Peet's by Crossroads, providing 1 compost bin
- Collaborated with CRRS Zero Waste teams, GO! Team, Cal Dining Sustainability and BareAbundance, establishing crucial connections among environmental student groups

The Road Ahead

Our immediate goal is to expand composting into as many buildings as possible. Many buildings are eager to implement composting, including Evans Hall, Soda Hall, McLaughlin Hall, Cory Hall, Wheeler Hall, Giannini Hall, McCone Hall and Lawrence Hall of Science. We are also expecting a reply from the Chancellor, which will allow us to assess the standing of composting with campus administration and to begin preparing for institutionalization. This is Compost Alliance's second and final year of operation and we will become a student group supported by CRRS's recycling revenues in the near future.

California Hall: The Road to Zero Waste

Waste Diverted + Emissions Avoided + Money Saved

Waste diverted: 10 tons

Emissions avoided: 10 tons

Money saved: \$1,000

California Hall Composting Potential: more than 4,000 lbs per academic year

Custodial Services: making compost work

Feedback: California Hall Composting Potential: more than 4,000 lbs per academic year

What's Next? California Hall Composting Potential: more than 4,000 lbs per academic year

Compost Alliance

We posted newsletter updates in 10 buildings with composting for follow-up educational outreach

Compost Alliance

Compost Alliance

Compost Alliance

Compost Alliance

Compost Alliance

Compost Alliance

Compost Alliance

Compost Alliance

Compost Alliance

Compost Alliance

Compost Alliance

Compost Alliance

Compost Alliance

Compost Alliance

Compost Alliance

Compost Alliance

Compost Alliance

Compost Alliance

Compost Alliance

Compost Alliance

Compost Alliance

Compost Alliance

Compost Alliance

Compost Alliance

Compost Alliance

Compost Alliance

Compost Alliance

Compost Alliance

Compost Alliance

Compost Alliance

Compost Alliance

Compost Alliance

Compost Alliance



In less than 4 months:

Over 400,000 views on www.TED.com

Nearly 1 million views web-wide

Questions, etc.






CITI
Center for Information
Research in the



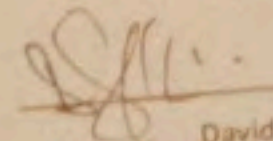




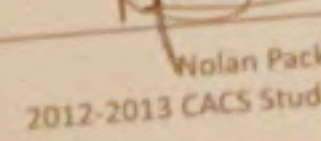
CERTIFICATE OF APPRECIATION
presented to

Monica Harnoto

In recognition of your excellence in leadership of campus sustainability programs at
the University of California, Berkeley
given on April 22, 2013


David Springer,
2013 CACS Staff Co-Chair




Nolan Pack,
2012-2013 CACS Student Co-Chair



