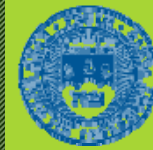


Comprehensive Reuse



Brandeis

A Triple Bottom Line Solution for Surplus Furnishings



Presenters



Brandeis

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What is Comprehensive Reuse?

Reuse is a multi-faceted, sustainable, humanitarian, and financially responsible solution for surplus furniture and equipment that still serves a purpose.



What Can Be Diverted From The Landfill?

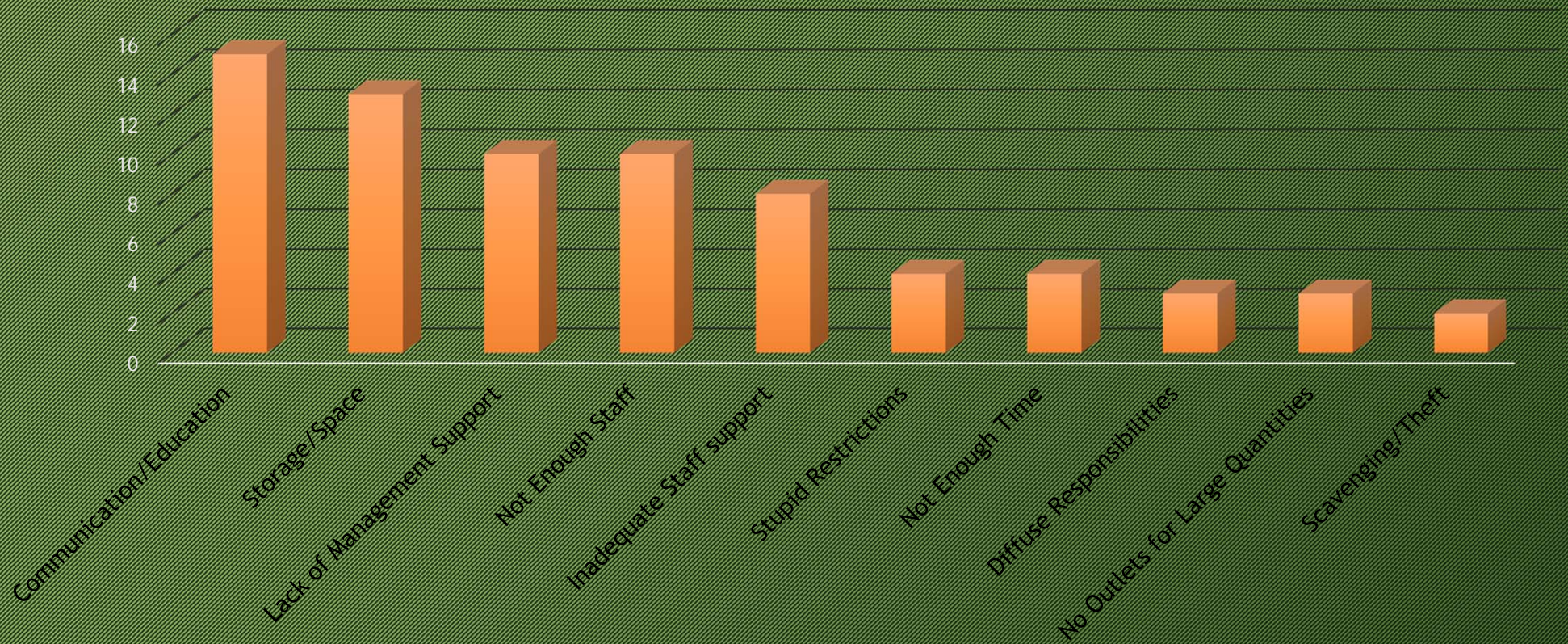
Campuses across the nation find waste in all different places, which can be diverted from the landfill.

- Furniture and equipment from renovations, decommissions, and over-capacity storage areas.
- Residence Hall trash and debris from move-outs
- Food waste from dining halls
- Paper, lightbulbs, and everything else in-between

Fast Facts About Furniture Waste

- According to the EPA's 2014 Advanced Sustainable Materials Management report, it is estimated that 9.8 MILLION tons of furniture were disposed into the landfill in 2009 alone.
- In the same study, it is estimated that furniture is the number one least-recycled item in the country, and one of the bulkiest to enter our landfills.
- The cost to dispose of furniture by the landfill grows by approximately 1.5% each year in the Northeast.

Why Isn't Surplus a Zero-Waste Material?



Surplus Furniture Options

Genus	Species
Internal Reuse	Internal Craig's List
	Warehouse
Resale	Warehouse
	Physical Auction
	Electronic Auction
Local Donation	Matchmaking
	Open House
National/ International Relief	Managed Internally
	Managed Externally

About IRN

- Established in 1999, IRN (Institution Recycling Network) was designed to be a catch-all recycler for educational, healthcare and corporate institutions.
- IRN would help institutions recycle the small stuff, like paper, batteries, lightbulbs, e-waste, and everything else in between.



About IRN cont.

- In 2002, our partner Boston College was looking to recycle over 300 sets of dorm furniture.
- It was good stuff, and we asked why they wouldn't donate it to a charity instead of recycling it.
- BC's response? They tried. They, alongside every other college in Boston had filled up every halfway house and goodwill within three neighboring states. They just needed it to go away, sustainably.



From Recycling to Reuse

- We discovered a market failure. There was a huge need among relief organizations for useable furniture, but no one making the match.
- Potential generators – in this instance, schools who have surplus to dispose of – do not have the time or resources to network with dozens of charities worldwide.
- Among potential recipients, no one has the time and resources to contact the thousands of schools that might have furniture to offer.
- Neither side has the capability to plan and manage the projects to make the transfer happen – setting up moving crews, transportation, pack trucks, fill out customs paperwork, track the furniture to its destination.



Mission Statement

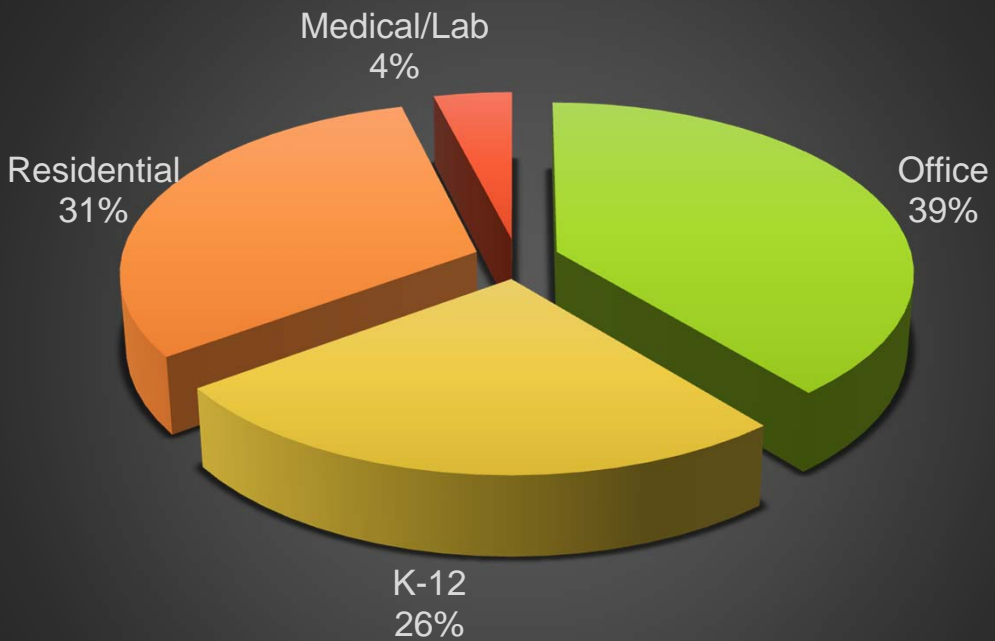
Reuse or Recycle **EVERYTHING**

Make Sure Reuse is **SIMPLE**

Make Reuse **COST EFFECTIVE**



Who We Work With



Steelcase



CBRE
RICHARD ELLIS



Brandeis

Tonnage Reused to Date

**Between 2002-2017
71,894,437 lbs.
Reused**

Sibahle

Benefits of Reuse

Cost



Reuse/recycling through IRN typically costs less than disposal

Environment



Reuse/recycling diverts products from landfills and contributes toward LEED certification

Community



Schools and communities benefit for years to come

Publicity



IRN can provide press releases, stories, or other publications about your reuse/recycling projects

Where Does it all go?

Disaster Relief

- International Relief Efforts (BVI's, Haiti, Etc.)
- Domestic Charities (Habitat for Humanity)

Economic Development

International charities, charter, public, tribal and other independent schools who can furnish their spaces at essentially zero cost, releasing funds for other urgent priorities.

Domestic Humanitarian Missions

- Habitat ReStores, Goodwill stores, and others who resell furniture to support their humanitarian missions.
- Furniture banks that place IRN furnishings with low income residents.

Project Start

Initial Information

Get Started as an IRN Surplus Generator

Your contact information
Tell us about you:

Your name:

First: Last:

Your title:

Organization:

Business location:

Type of organization:

Education:

Phone:

Area: 800-800-8000

Intermediate phone:

Email:

Generator/Project information
Provide details about the surplus project:

If you don't have a specific project need right now, leave everything below blank, and we'll send you more information about our surplus program.

Company or Organization's Name:

Project address:

Home address:

Related topics

- IRN House Program
- FAQs
- Accepted Items
- Case Studies

- Location
- Schedule
- Material composition and quantity
- Where and how material is stored and installed
- Basic logistics information
- Labor availability and qualifications

Site visit (if necessary)



A site visit is typical on larger projects, to review site layout, develop a detailed inventory, assess access, elevators, and stairwells, contact moving firms if needed, and meet onsite project managers.

Develop detailed inventory

IRN Project Inventory				
Project #	BUR	Projected Inventory		
Trailers or Shipping Containers for Re-	5			
Item	Description	Composition	Count	Picture
Bed Frames	Headboard, Hooked, Bolted and Metal frame with 12" legs & Captain Style	Wood/Metal	99	 
Coffee Tables		Wood	2	 
Chairs	Desk	Wood	110	 
Couch		Wood/Cloth	2	 
Desk	Standard Student Dorm Desk with Study Cartel	Wood	110	 

The inventory is what we offer to our charitable partners, so it's important that it be accurate. Pictures are a huge plus.

Execute the project

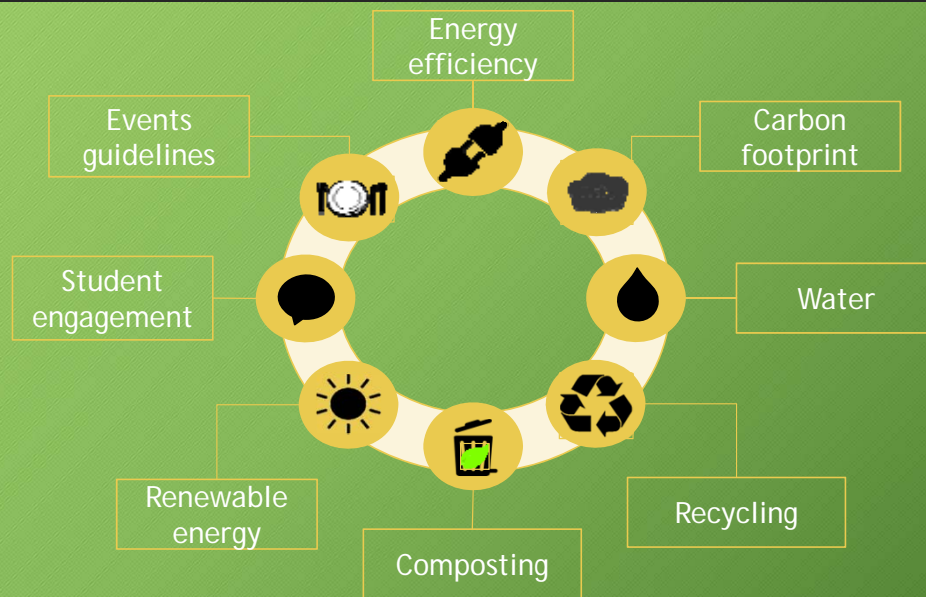
IRN offers on-site project management on moving days to ensure optimum loading, inventory accuracy and quality, and to make sure logistics run smoothly.

We have a nearly 100% track record for completing projects on schedule and within budget. With hundreds of projects under our belts, it's a track record we're proud of

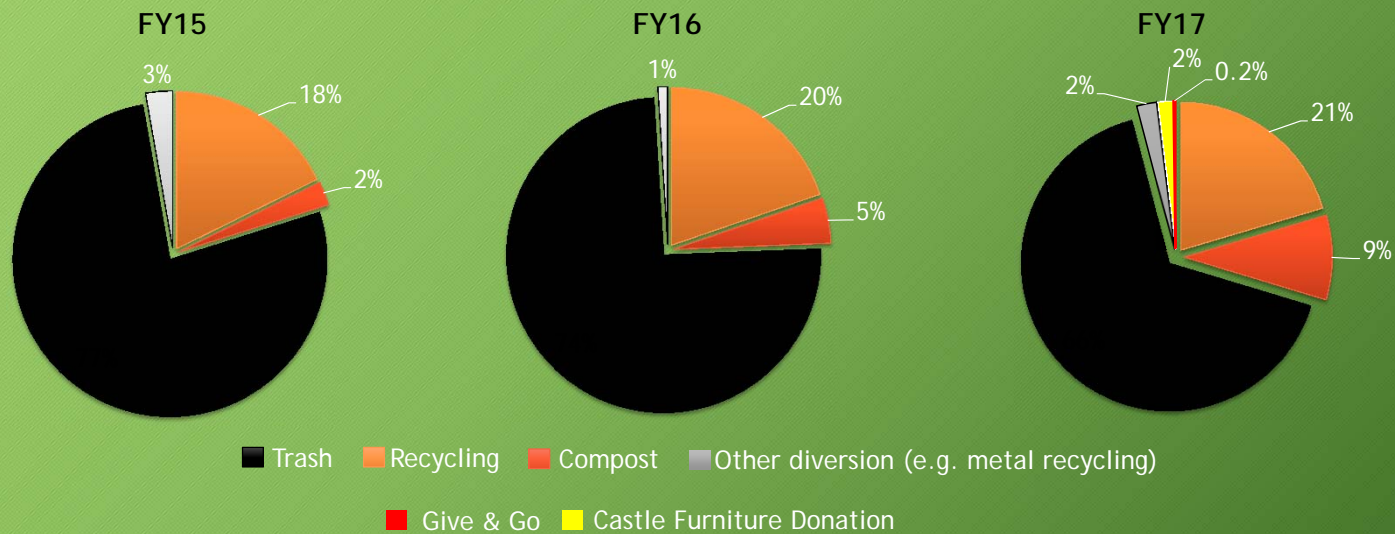


Sustainability at Brandeis

Sustainability at Brandeis



Campus Waste Diversion Rates



The Small Stuff

Like many campuses, Brandeis has a very successful "Give & Go" program. The following is collected from students at the end of the year and donated to Salvation Army:

1. Clothing, shoes, books, sports equipment
2. Household goods (bedding, rugs, lamps, towels, etc.)
3. Kitchen goods (small appliances, dishware, cutlery, etc.)
4. Electronics (monitors, printers, speakers, etc.)
5. Solid wood furniture (book cases, tables, chairs, etc.)
6. Unopened packages of paper goods, laundry detergent, cleaning supplies



Give and Go 2017



Give and Go 2017

**30 YARD
DUMPSTER**



9 TRUCK LOADS



What about the big stuff?

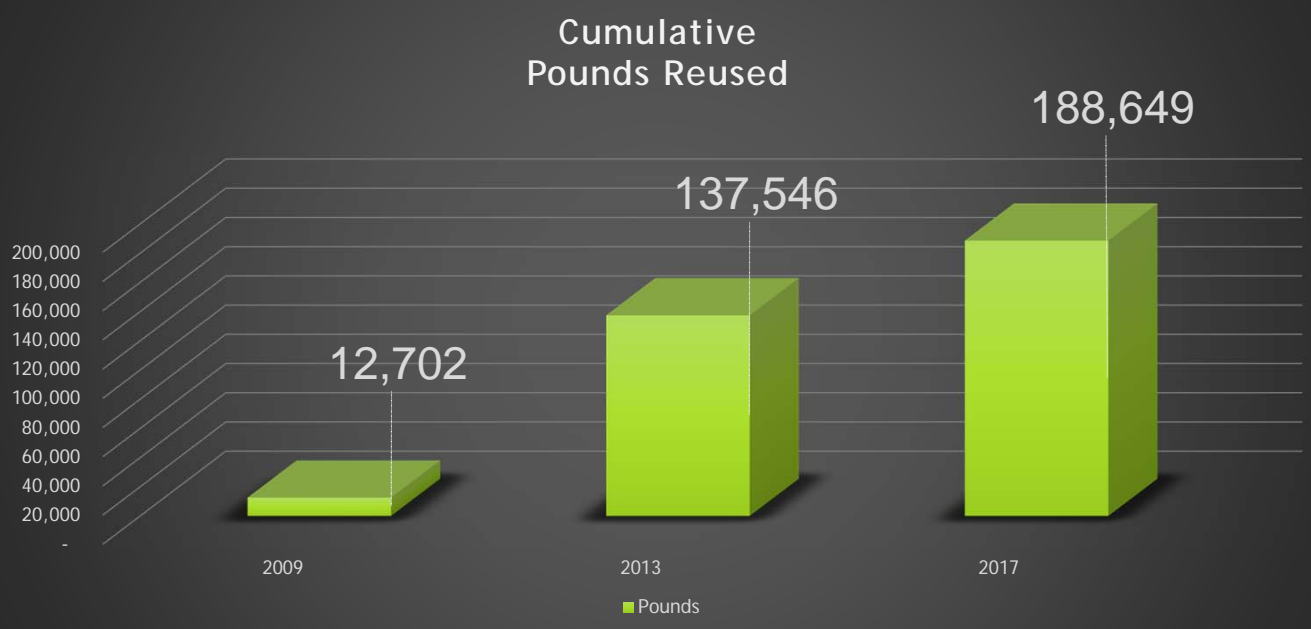
Our Partnership

In 2009, Brandeis reached out to IRN – The Reuse Network to assist in the removal and reuse of 183 pieces of classroom and office furniture.

Since 2009, Brandeis has dedicated themselves to reuse by diverting over 188,000 lbs of furniture (2471 pieces) from the landfill, and sending it to those in need.



From 2009 to 2017



Castle Furniture Donated

619 pieces of furniture / 51,093 lbs.

Donated to Relief Efforts in
Honduras

100% Diverted from waste stream



Logistical Difficulties



Geothermal

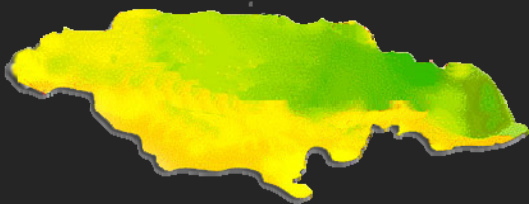
Geothermal will provide 100% of the new residence hall's heating and cooling needs

40 500-ft wells drilled this summer



From Brandeis to...

Jamaica



2009-2013
School Furniture, Office Furniture,
Dorm Furniture
137,546 lbs. reused
1,852 pieces

Honduras



2013-2017
Dorm Furniture
66,956 lbs. reused
972 pieces

