



The Office of Sustainability

The University of Texas at Dallas





The Office of Sustainability



Sustainability
Officer/Associate
Vice President

Associate Director of
Energy Conservation
& Sustainability

Sustainability
Coordinator



Eco Rep

Eco Rep

Eco Rep

Eco Rep

Eco Rep

Eco Rep



Facilities Management

The Office of Sustainability



Water
Conservation

Energy
Conservation



Habitat
Conservation

Trash &
Recycling



Green
Buildings





Material Management

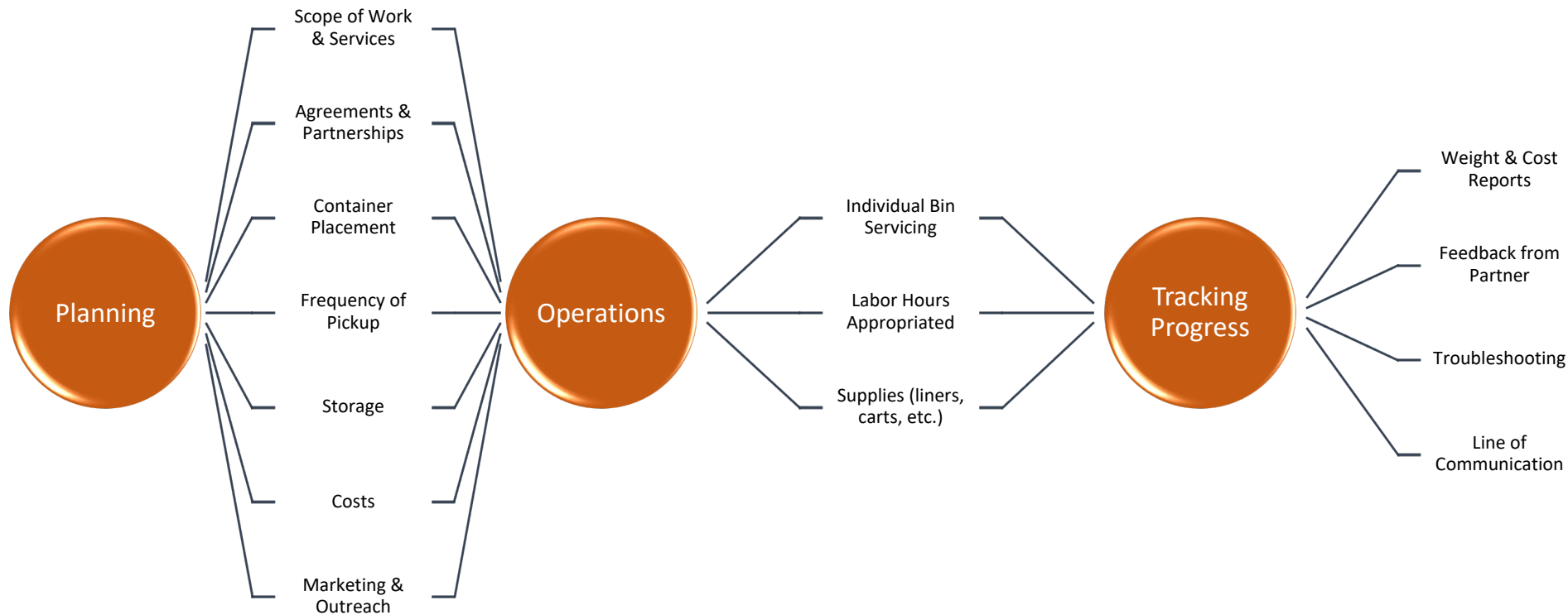
Recycling Programs

- ♻ Single Stream
- ♻ Ink/Toner Cartridges
- ♻ Metal Scrap
- ♻ Cardboard
- ♻ Plastic Film
- ♻ Styrofoam #6
- ♻ Styrofoam Packing Peanuts
- ♻ Used Binders
- ♻ Electronics (event)
- ♻ Food Waste
- ♻ Shoes & Clothing
- ♻ Batteries
- ♻ Light Bulbs
- ♻ Eyeglasses (event)
- ♻ Nitrile Gloves
- ♻ Landscape Waste



Material Management

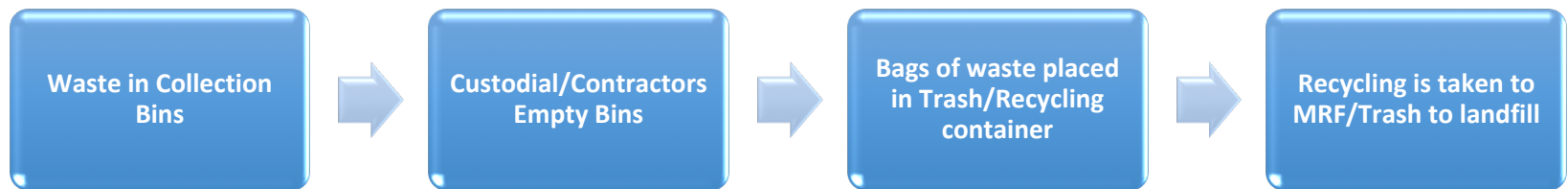
Managing Programs





Material Management

Single Stream



Single Stream Recycling (Blue Bins)

These items may be placed in any blue bin, dumpster or container labeled "Recycling", excluding "Special" recycling

- ♻️ Paper/Magazine (non-tissue)
- ♻️ Plastics 1-5, 7
- ♻️ Aluminum/Metal Cans
- ♻️ Cardboard
- ♻️ Glass Bottles



Over 785,000 lbs. of waste recycled in single stream in FY 2018



Material Management

Single Stream





Material Management

Ink & Toner Cartridge



History

Partners

Scholarship

Logistics

Over 4,700 lbs. recycled since January 2017



Material Management

Food Waste/Composting

History Partners Status Quo



Over 430,000 lbs. composted overall since FY 2012



Material Management

Comet Composting



- Participants must undergo training
- Student Government & Housing partnership
- Two collection sites in Housing
- Each Housing container has combination lock
- 5,800 lbs. composted in housing since Sept. 2018





Material Management

DHW Food Waste Composting

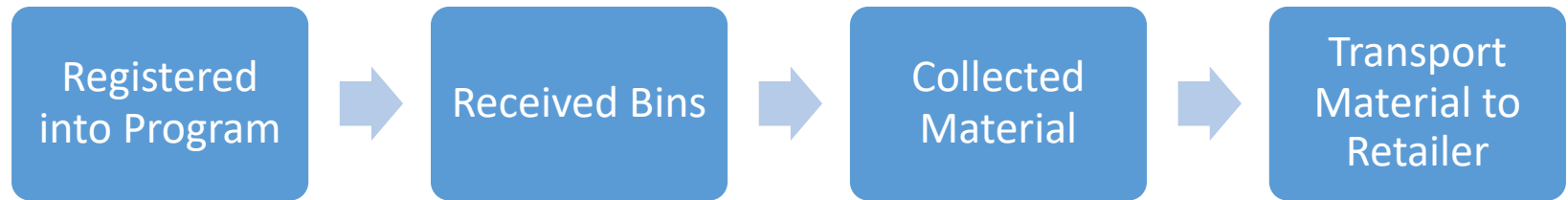


Over 77,500 lbs. composted from DHW since Sept. 2017



Material Management

Plastic Film Recycling



Over 980 lbs.
recycled
since Jan.
2017





Material Management

All Battery Recycling



Recycling Locations

Find recycling locations for:

Batteries - 53 locations

Find recycling locations in:

Activity Center (AB) - 1 type / location

This list can be sorted by building or type.

Building	Type	Location
Activity Center (AB)	Batteries	Inside AB 1.71.
Administration (AD)	Batteries	Inside AD 2.406.
Administration (AD)	Batteries	Inside AD 3.204R.
Administration (AD)	Batteries	Inside AD 3.22.
Administration (AD)	Batteries	Inside AD 3.404.
Administration (AD)	Plastic Film Recycling	Inside AD 2.208.
Administration (AD)	Printer Cartridges	Inside AD 2.406, the copier room.
Administration (AD)	Printer Cartridges	Inside AD 3.204.
Administration (AD)	Printer Cartridges	Inside AD 3.404.
Bioengineering Science Building (BSB)	Batteries	Inside BSB 10.913.
Bioengineering Science Building (BSB)	Batteries	Inside BSB 11.102A.

Why recycle batteries?

1. Most batteries contain toxic heavy metals that can harm the environment.
2. Most batteries contain reusable materials.
3. Used batteries can be used to produce energy.
4. Recycling batteries reduces landfill waste.

Which batteries can I recycle?

- All battery types and sizes can be accepted.
- Most common types are: Alkaline, Nickel-Cadmium (NiCd), Nickel-Metal Hydride (NiMH), Lithium Ion (Li-Ion), and Lithium metal (Li).
- Most common sizes are: AAA, AA, C, D, 9-volt, button, cell phone, and laptop batteries.
- We also accept lead-acid batteries typically found in cars or UPS's. However, these batteries do require a special request.

**Over 7,500 lbs. recycled
since Jan. 2017**



Material Management

Styrofoam #6 (Polystyrene)

- The Office of Sustainability offers #6 Polystyrene recycling on a limited scale.
- Where does most of our Styrofoam come from?
 - Labs
 - Campus Offices (package material)
- Transported to South Dallas location
- Over 450 lbs. of Styrofoam has been diverted since August 2017





Material Management

Tracking Weights & Cost

- Partnerships with multiple offices and vendors are critical to collecting data and cost information.

Service Date	Recycle (lbs.)	Recycle Tons	Material	Location	Revenue	Cost	Unit Quantity	Size (YD)	Container
5/2/2018	19.40	0.01	Plastic Film	Campus	\$ -	\$ -	3	N/A	Trex Bin
5/14/2018	32.60	0.02	Plastic Film	Campus	\$ -	\$ -	5	N/A	Trex Bin
6/4/2018	20.00	0.01	Plastic Film	Campus	\$ -	\$ -	3	N/A	Trex Bin
6/18/2018	3,190.00	1.60	Clothing	Campus	\$ 382.80	No Cost	1	N/A	Container
6/19/2018	21.00	0.01	Plastic Film	Campus	\$ -	\$ -	4	N/A	Trex Bin
6/20/2018	9,308.00	4.65	Metal Scrap	Campus	\$ 12,901.50	No Cost	1	30	Open Top
6/27/2018	23.70	0.01	Plastic Film	Campus	\$ -	\$ -	3	N/A	Trex Bin
7/6/2018	13,780.00	6.89	Metal Scrap	Campus	\$ 707.79	No Cost	1	30	Open Top
7/16/2018	16.40	0.01	Plastic Film	Campus	\$ -	\$ -	3	N/A	Trex Bin
8/3/2018	1,472.00	0.74	Clothing	Campus	\$ 176.64	No Cost	1	N/A	Container
8/8/2018	5,040.00	2.52	Metal Scrap	Campus	\$ 313.60	No Cost	1	30	Open Top
8/21/2018	19.60	0.01	Plastic Film	Campus	\$ -	\$ -	4	N/A	Trex Bin
8/31/2018	26.50	0.01	Plastic Film	Campus	\$ -	\$ -	4	N/A	Trex Bin
8/31/2018	11,600.00	5.80	Pallets	Campus	\$ 290.00	No Cost	290	N/A	Warehouse
9/14/2018	30.00	0.02	Plastic Film	Campus	\$ -	\$ -	4	N/A	Trex Bin
9/14/2018	1.50	0.00	Styrofoam Peanuts	Campus	\$ -	\$ -	1	N/A	Shed
9/19/2018	41.00	0.02	Plastic Film	Campus	\$ -	\$ -	4	N/A	Trex Bin
9/29/2018	75.70	0.04	Styrofoam # 6 (Polystyrene)	Campus	\$ -	\$ -	23	N/A	Shed
10/8/2018	31.00	0.02	Plastic Film	Campus	\$ -	\$ -	4	N/A	Shed

Over 1.3 million lbs. of waste recycled in FY 2018



Material Management

A Few Events



Move In; August

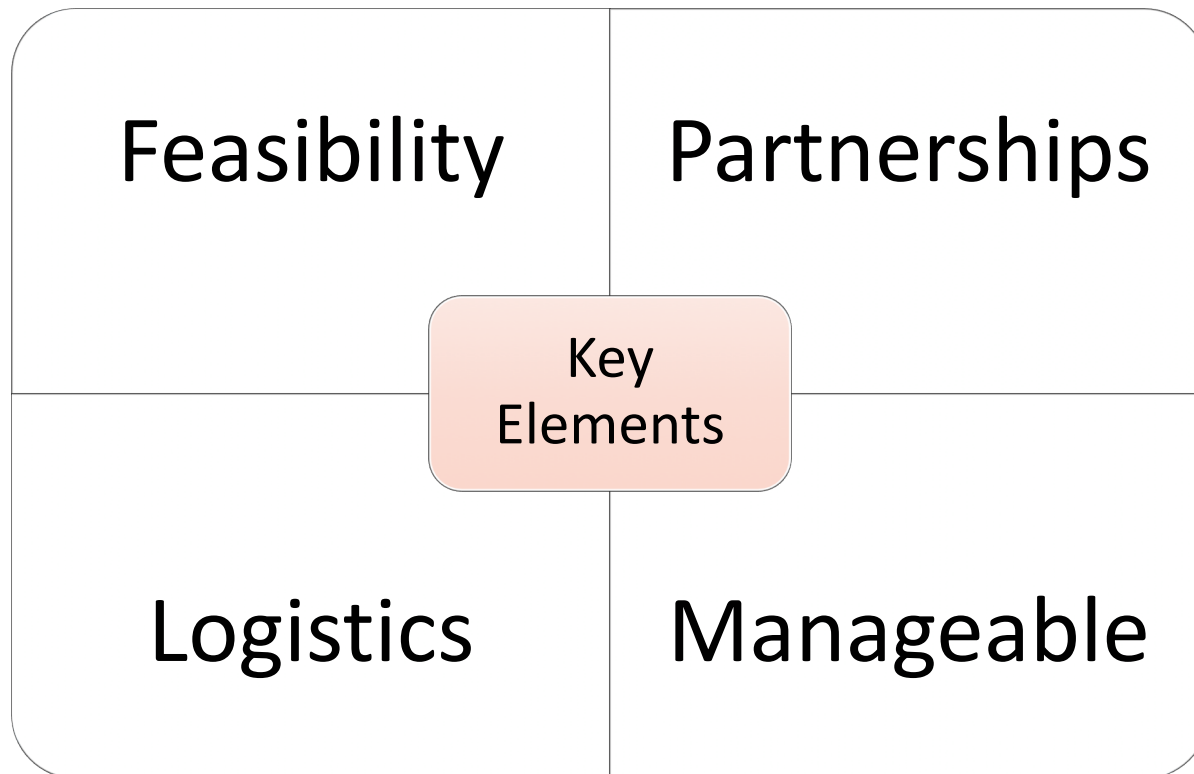


RecycleMania; Jan-Apr



Material Management

Overall Coordination





Material Management

Future of Sustainability



STRATEGIC PLAN
for
THE UNIVERSITY OF TEXAS AT DALLAS

Recycling Composting Conservation

UT Dallas is on a “Green” path toward success. With everyone pulling together, there is no telling how much we can achieve.

Teamwork Partnerships Culture



Recycling Partners

cRc

Cartridge Recycle Center



Kimberly-Clark



WASTE CONNECTIONS
Connect with the Future®



Student Government
The University of Texas at Dallas



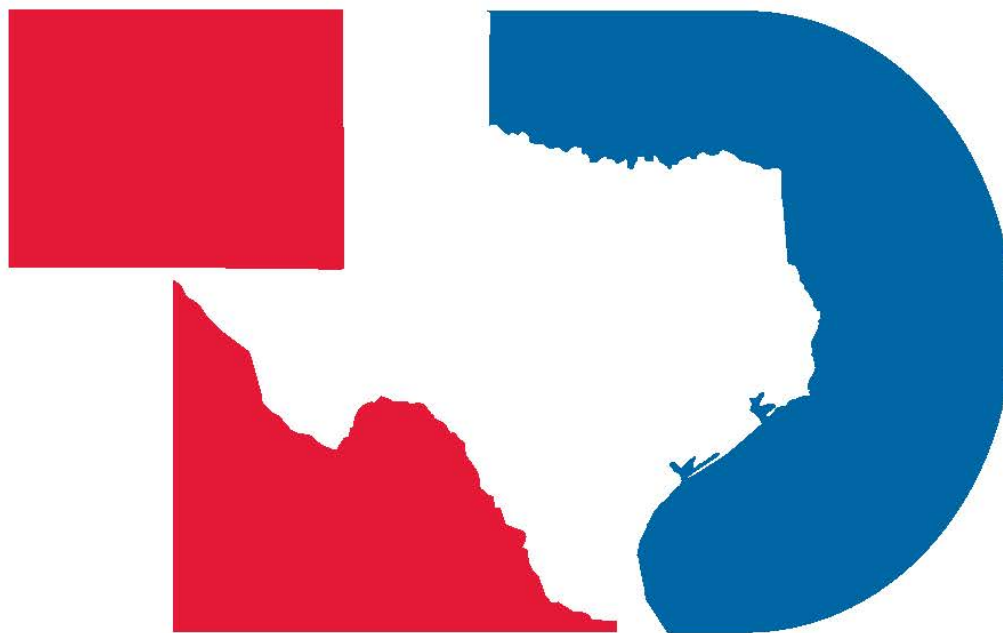
Textile Recycling

Donating shoes and clothing never made more cents.





Questions ?



TEXAS DISPOSAL SYSTEMS