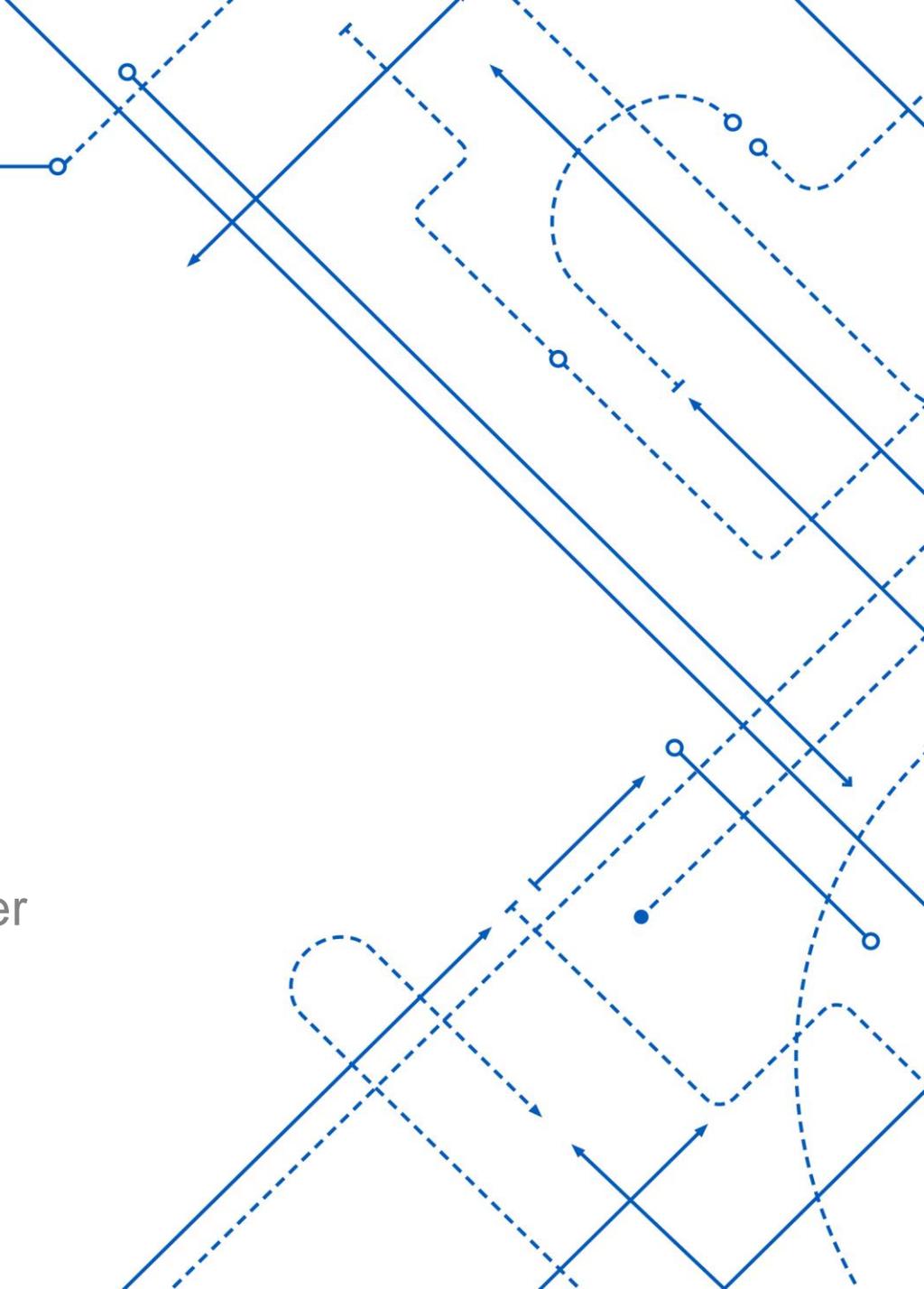


THE PATH TOWARD RECYCLING STANDARDS

Erin Moscati
Sustainability Education Manager
UB Sustainability

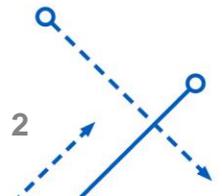


at a glance

student body	29,944 (19,829 undergrads; 10,115 graduate & professional)
campuses	3 campus centers (North, South & Downtown)
	183 buildings
	10.8 million gross square feet
athletics	Division I, Mid-American Conference



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program history

- mid-80's- paper recycling begins
- mid-90's- co-mingled recycling and public area recycling centers are added
- early 2000's- composting pre-consumer scraps
- 2014- Towards Zero Waste strategy developed
- 2014- Zero Waste Stadium
- 2016- Bin standards

Note: We aren't there yet!



program operations

- University Facilities
 - Custodial Services
 - Moving & Trucking
 - Grounds
 - Environment Health & Safety
- Campus Living
 - Custodial Services
- Campus Dining & Shop
 - Pre-consumer composting

Lots of units play a role!



strategic planning

- UB Sustainability

current state of affairs the good...

- lots of opportunities to recycle in buildings
- enthusiastic participants
- steady diversion rates
- great mid-level managers



Note: We only collect post-consumer compost at UB Stadium.



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current state of affairs the bad...

- no “official” budget for recycling
- equipment is ad hoc
- no central purchasing policy
- lots of inconsistency with signage and instruction
- No high-level administrative champion

 CARDBOARD	 GLASS	 PAPER	 PLASTIC	 METAL
<ul style="list-style-type: none"> - paperboard - pizza boxes - paper bags - milk cartons - cereal boxes <p>✓ <i>Please empty</i></p>	<ul style="list-style-type: none"> - jars - bottles <p>✓ <i>Please empty</i></p>	<ul style="list-style-type: none"> - copier paper - office paper - newspaper - magazines - mail & envelopes <p>✓</p>	<ul style="list-style-type: none"> - catering trays - plastic bottles - packaging - plastic tubs - number 1-7 <p>✓ <i>Please empty</i></p>	<ul style="list-style-type: none"> - drink cans - steel & tin cans - aluminum foil <p>✓ <i>Please empty</i></p>
<ul style="list-style-type: none"> ✗ - soaking wet cardboard 	<ul style="list-style-type: none"> ✗ - lightbulbs ✗ - broken glass ✗ - mirror ✗ - windows ✗ - dishware 	<ul style="list-style-type: none"> ✗ - coated paper ✗ - wax paper ✗ - paper towels ✗ - tissues ✗ - paper plates 	<ul style="list-style-type: none"> ✗ - chip bags ✗ - wrappers ✗ - plastic bags ✗ - silverware ✗ - styrofoam 	<ul style="list-style-type: none"> ✗ - batteries ✗ - lightbulbs



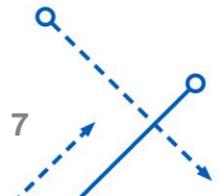
WHAT CAN I RECYCLE AT UB?



when life gives you lemons...



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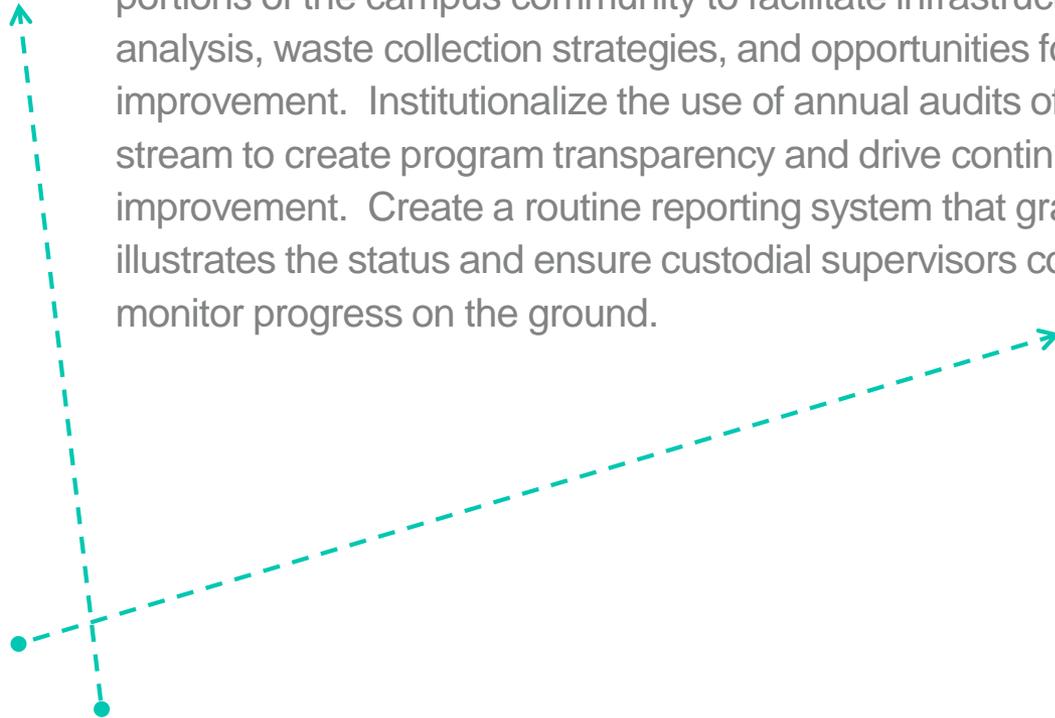
strategy



Toward Zero Waste

1

Establish **waste stream analysis and audits** targeted to specific portions of the campus community to facilitate infrastructure analysis, waste collection strategies, and opportunities for improvement. Institutionalize the use of annual audits of the waste stream to create program transparency and drive continuous improvement. Create a routine reporting system that graphically illustrates the status and ensure custodial supervisors continuously monitor progress on the ground.



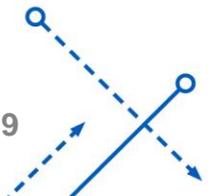
strategy



Toward Zero Waste

2

Implement a **management tool** (contemplate bar code inventory type system) to **regularly evaluate the existing, in building, array of equipment**. **Ensure consistent branding identity, uniformity or instructional information is present on all containers and consistent with the integrated communications strategy**. **Standardize UB recycling systems** to create campus wide uniformity for recycling containers, ensuring recycling and trash (and when appropriate compost) options are “married” to reduce potential for contamination and increase diversion rates.



creating change

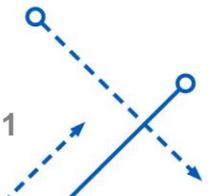
- leverage strategy
- identify friendlies
- define common ground
- work collaboratively
- share success



strategic objectives

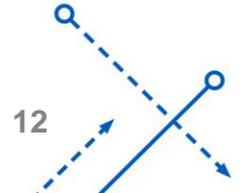
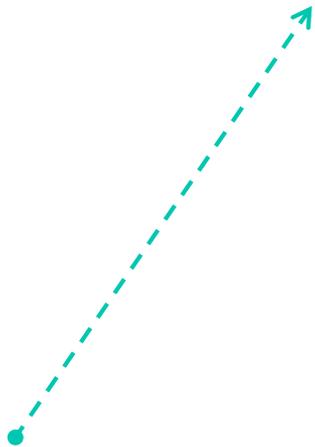
EVALUATE EQUIPMENT

- placement
- signage/instruction
- type
- use
- service



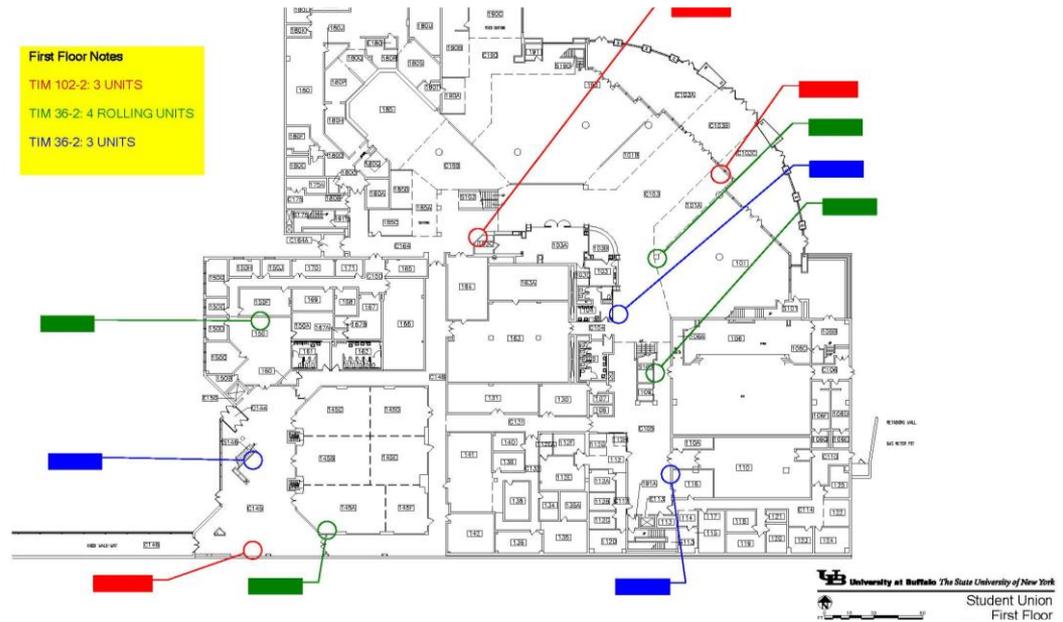
inventory bins

	A	B	C	D	E
1	Breakdown by Can Style				
2					
3	Count	Can Style	Floor	Location	
4	1	102-2	1st Floor	Lobby by Main Door	
5	2	102-2	1st Floor	by SU 164 near Soma Sushi on slanted wall	
6	3	102-2	1st Floor	Hallway near Knox Tunnel by computer station	
7	4	102-2	2nd Floor	Social Hall - west blue wall by plaque	
8	5	102-2	2nd Floor	Social Hall South Wall next to double doors to Hallway	
9	6	102-2	2nd Floor	theatre lobby yellow wall	
10	7	102-2	2nd Floor	by 222	
11					
12	1	36-2	1st Floor	by theatre wall near lobby	
13	2	36-2	1st Floor	by Main Lobby Pillar	
14	3	36-2	1st Floor	By Bathrooms in Lobby	
15	4	36-2	1st Floor	By Mechanical room near SU 110	
16	5	36-2	1st Floor	BY ATM's near key bank	
17	6	36-2	1st Floor	in 145A	
18	7	36-2	1st Floor	Student Life - SU 150	
19	8	36-2	2nd Floor	theatre back wall	
20	9	36-2	2nd Floor	in landmark room	
21	10	36-2	2nd Floor	by bridge to commons Putnams side North	
22	11	36-2	3rd Floor	in center by hydration station	
23	12	36-2	3rd Floor	under sign off of elevator	
24	13	36-2	3rd Floor	schumeisters	



process

- how can we improve?
- identify equipment
- call in the experts!



pilot

- test assumptions
- make changes
- showcase the standard



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strategy moving forward

- research best practices
- form committee
- document areas for improvement



questions



Erin Moscati
Sustainability Education Manager
UB Sustainability

emoscati@buffalo.edu

716.829.5743

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