

Zero Waste at the University of Illinois: An Overview

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Facilities & Services

UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN

Nice to meet you!



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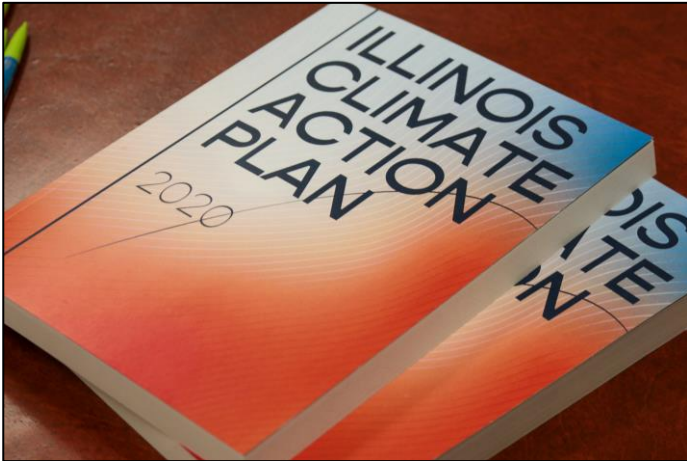
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Zero Waste Objectives

- 5.1 Sustainable Procurement Reports
- 5.2 Reduce Landfilled Waste
- 5.3 Establish a Culture of Reuse
- 5.4 Reduce Food Scraps
- 5.5 Plan for Organic Waste
- 5.6 Use Local Food
- 5.7 Green Cleaning Program



Progress Transparency

The screenshot displays the iCAP Portal website. At the top left is the University of Illinois 'I' logo followed by the text 'iCAP Portal', 'Illinois Climate Action Plan (iCAP)', and 'University of Illinois Urbana-Champaign'. A dark blue navigation bar contains 'MENU', 'THEMES', and 'SEARCH' icons. The main content area features a 'Welcome to the iCAP Portal' heading, a paragraph about the iCAP strategic framework, and a 'Learn about the iCAP' button. To the right is a video player with a play button and a 'View more videos »' button below it.

iCAP Portal
Illinois Climate Action Plan (iCAP)
University of Illinois Urbana-Champaign

MENU THEMES SEARCH

Welcome to the iCAP Portal

The Illinois Climate Action Plan (iCAP) is the strategic framework for meeting our Climate Leadership Commitments to be carbon-neutral by 2050 and build resilience with our local community.

[Learn about the iCAP](#)

Trailer for Sustainability Training Video
at University of Illinois
Urbana-Champaign
Meeting Illinois Climate Action Plan Goals
for Carbon Neutrality and Climate Resilience

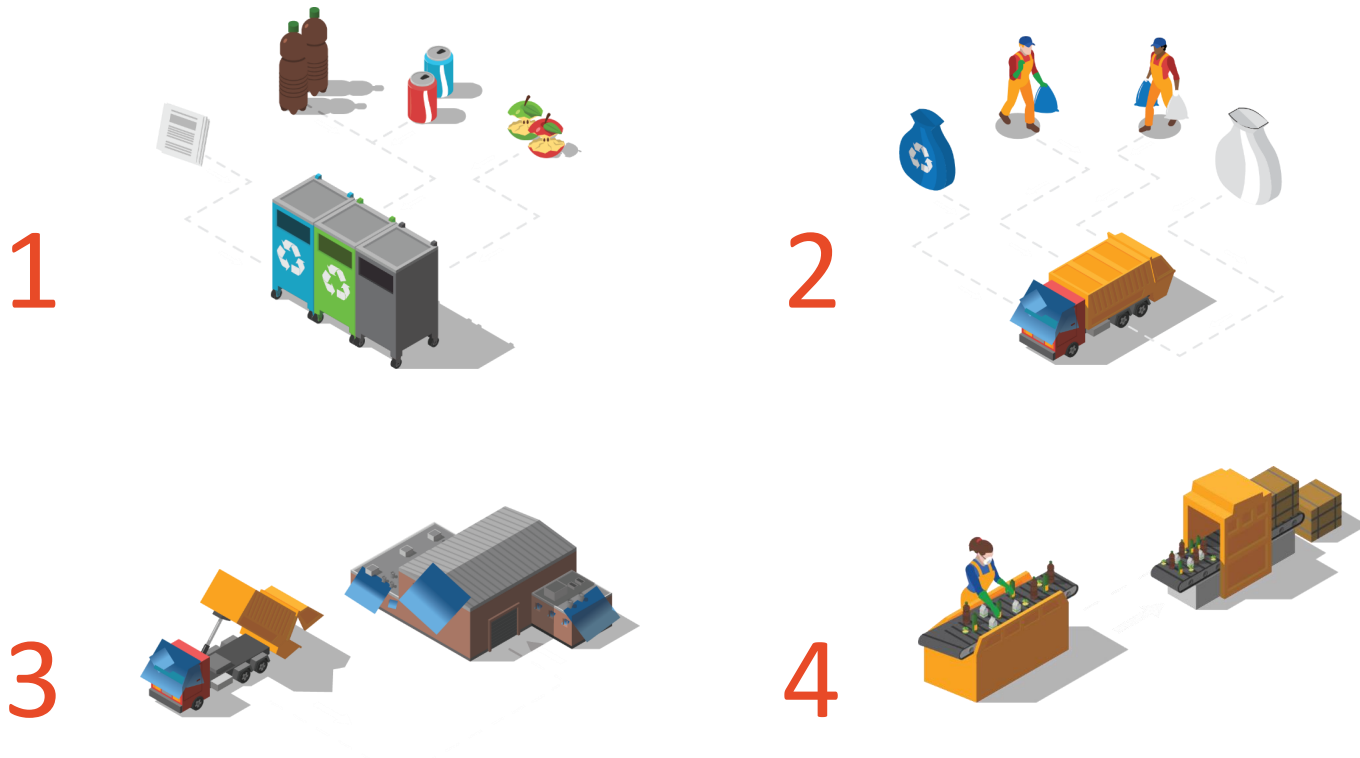
Watch on YouTube
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icap.sustainability.illinois.edu



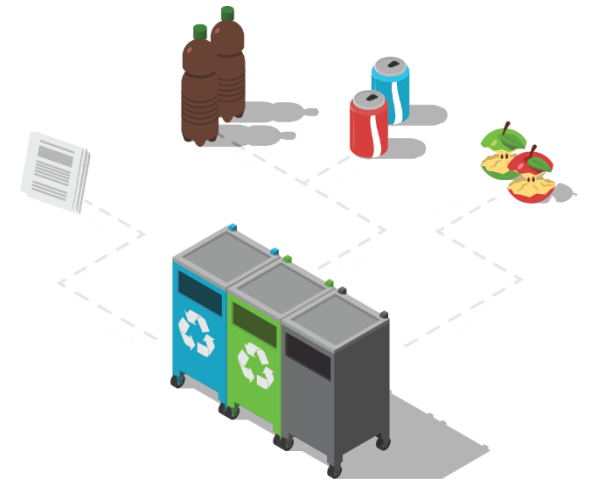
Campus Waste Management: A Four-step Process



Campus Waste Management: A Four-step Process

1. Collection & Engagement

- Users placing items in trash and recycle bins across campus
- Most important step in ensuring items are properly recycled

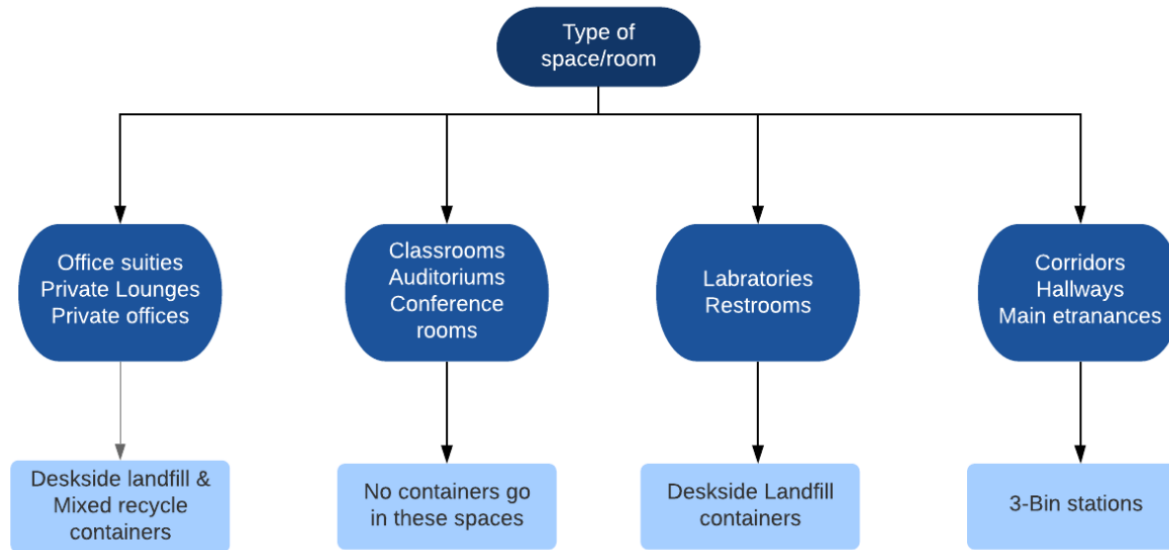


*Myth: All items in the trash get sorted
anyway.*



Campus Waste Management: A Four-step Process

1. Collection & Engagement



Campus Waste Management: A Four-step Process

2. Transport & Hauling

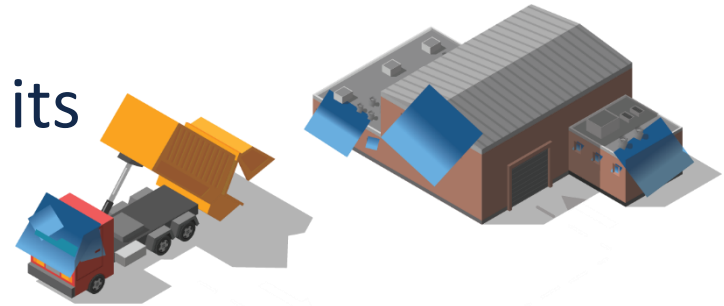
- Building Service Workers empty communal receptacles from inside a building into containers outside the building
- 5 trucks run morning to afternoon transporting waste to our Material Recovery Facility



Campus Waste Management: A Four-step Process

3. Transfer & Recording

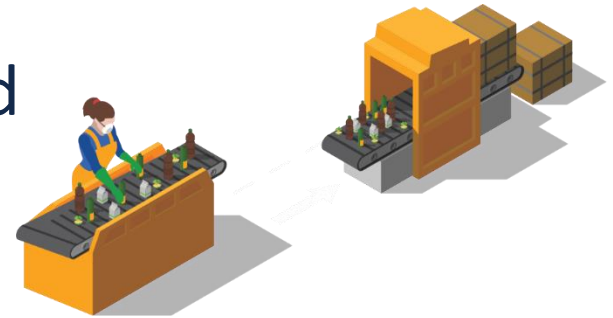
- All incoming waste is weighed on a scale
- Waste is dumped at the facility and the container is returned to its building



Campus Waste Management: A Four-step Process

4. Sorting & Recovery

- Incoming waste is placed at the start of the conveyor belt
- Clear bags and blue bags are sorted through, and recyclables are recovered



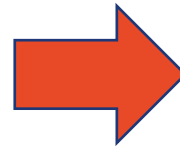
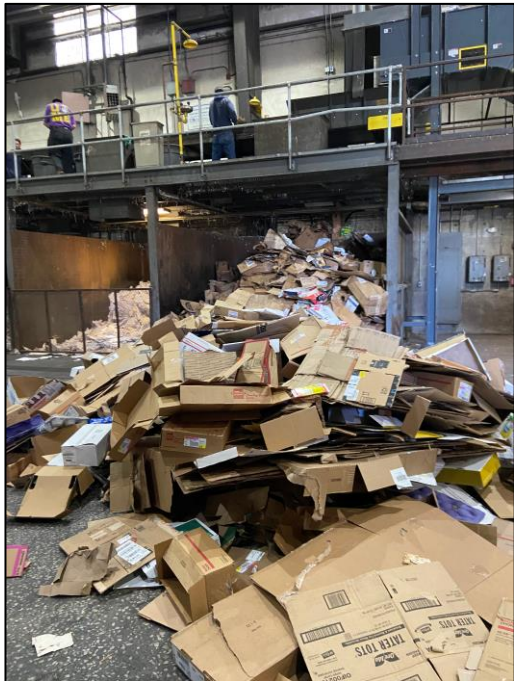
*Did you know? Sorting is a manual process.
We have 4-8 workers pulling recyclables from
the sort line.*

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Campus Waste Management: A Four-step Process

4. Sorting & Recovery



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Sort Line



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Facilities & Services Recycles

5 Primary Items

1. Paper

- All types of office paper, newspaper, magazines, journals, envelopes, junk mail, ream wrappers, books, manila and file folders

2. Cardboard

- All types of corrugated cardboard boxes, sheets, and rolls

3. Plastic

- Only #1 and #2. Look for the number at the bottom of the item.

4. Aluminum

- Cans

5. Scrap Metal

- Copper, conduit, metal shelving

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The Color of Trash Bags Is Key



Clear: Common areas in buildings. May have recyclables mixed within them. We can look and assess quickly if there are recyclables to collect

Black: Landfill-bound. For the safety of the employees, black bags are not touched. Any trash bags put in a compactor will not get sorted, as it is too laborious

Blue: Contain recyclables. We know to look in these. Look how bright they are! 14



Waste Transfer Station Tours

Want to see trash & recycling in action?

Tim Fox set up a KAM staff tour for Wednesday,
September 27th 8:45am-9:45am



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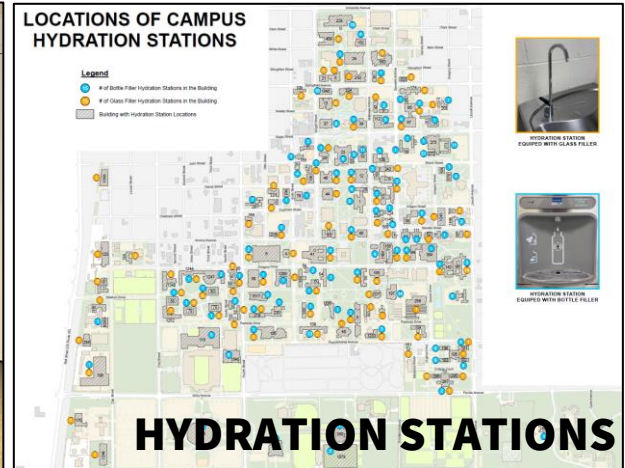
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Standardizing Waste Bins

- F&S is standardizing indoor and outdoor bins
 1. Replacing individual indoor waste bins at existing buildings with 3-stream bins
 2. Replacing outdoor mixed-concrete bins with black dual bins
 3. Working with Capital Projects to integrate the new indoor bins into new facilities



Zero Waste Initiatives



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Thank you!

Have ideas about how to reduce waste? Please reach out!



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