

UW RECYCLING'S MINIMAX PROGRAM

MARCH 10, 2016



THE UNIVERSITY OF WASHINGTON

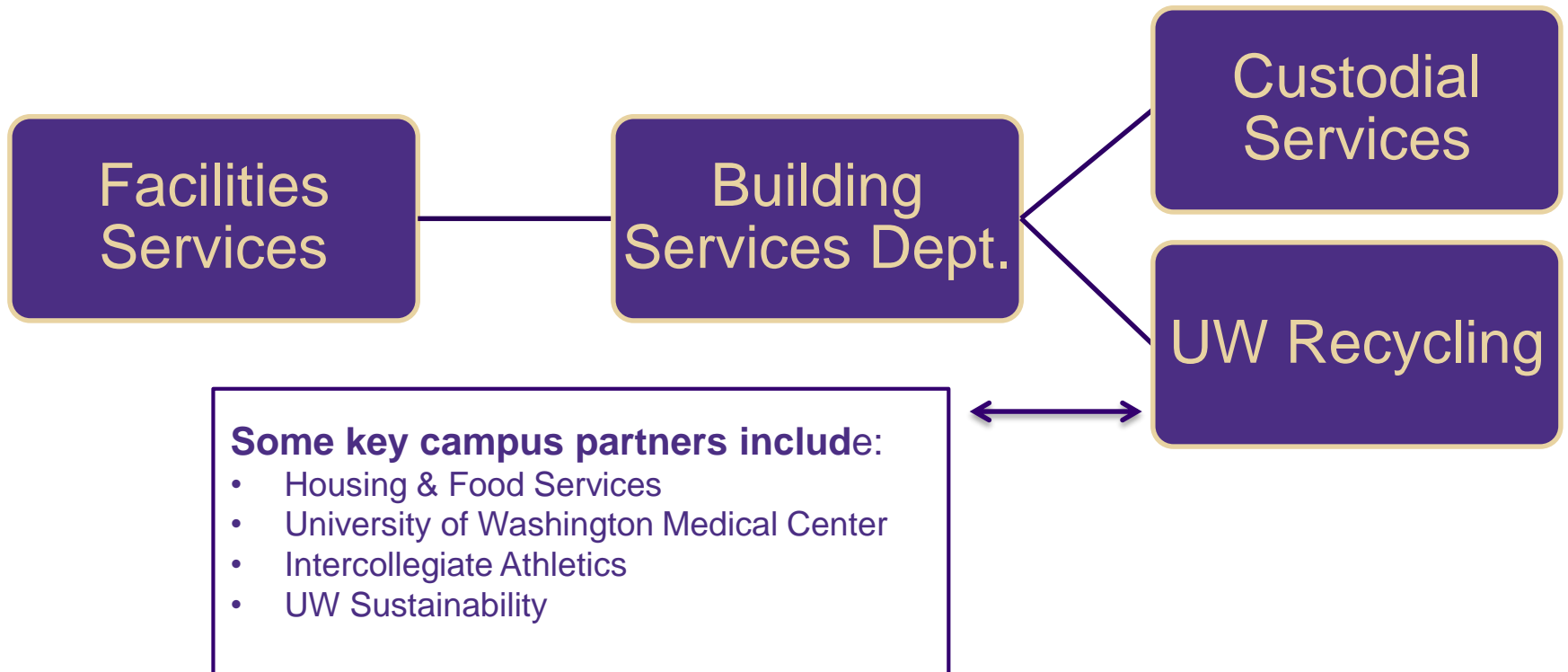
WELCOME TO THE UW

- > **Covers 543 acres**
- > **Consists of 178 buildings**
- > **Over 11,300,000 cleanable gross square feet**
- > **Nearly 71,000 people come to campus each day**



THE UNIVERSITY OF WASHINGTON

UW RECYCLING'S ORGANIZATION CHART



SNAPSHOT OF UW RECYCLING SERVICES

- > **Collect waste and recycling from the main academic and facilities buildings.**
- > **Contract administrator for all recycling and solid waste contracts on the UW Seattle campus.**
- > **Coordinate compost and recycling outreach programs and events, including MiniMax.**



SNAPSHOT OF UW'S WASTE

13,000 TONS GENERATED PER YEAR
(66% WASTE DIVERSION RATE)

Sample of Materials Generated/Collected	
Cans & Bottles	Garbage
Concrete	Paper
Construction & Demolition	Scrap Metal
Electronics/White Goods	Styrofoam
e.Media	Toner Cartridges
Fluorescent bulbs	Wood Waste
Food Waste	Yard Waste

SNAPSHOT OF UW RECYCLING'S PROGRAMS

> SCRAM: Student Moveout

- Started in 2004; has kept over 100 tons of material out of the landfill.

> Trash-In: Exploring the Way We Waste

- Annual waste sorting event where staff, faculty & student volunteers sort through nearly 1,000 pounds of trash.

> Football Bluebag Outreach

- Distribute recycling bags throughout parking lots to football game attendees.

> MiniMax

- Existing deskside garbage cans are exchanged with self-service recycle and garbage containers. *(No liners provided.)*



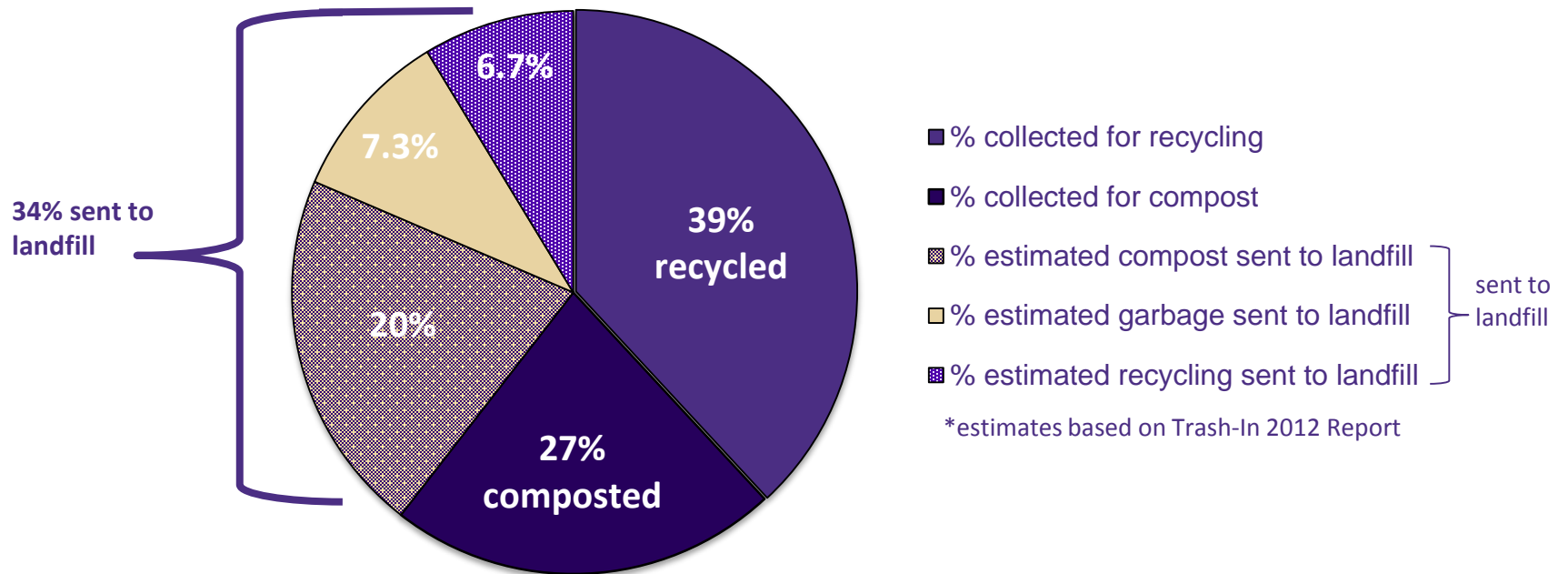
WHAT IS MINIMAX?

MINIMIZE WASTE; MAXIMIZE RECYCLING (AND COMPOST!)

- > Our approach to establishing a comprehensive office waste diversion program by
 - Providing centralized (custodial-serviced) compost/recycle/waste bins.
 - Composting restroom paper towels.



WHY COMPOST?



HISTORY OF MINIMAX

2008 – Piloted at the UW Tower

2010 – MiniMax became standard for all new and renovated buildings

2012 – Piloted restroom paper towel composting

2015 – City ordinance banning recycling & compost from landfill

2009 – Expanded program to voluntary buildings (i.e. Program of the Environment, etc.)

2011 – Piloted public area composting

2013 – The UW Garbology Project

UW GARBOLOGY PROJECT

THE DENNY PROJECT: THE FUTURE OF WASTE AT THE UW



UW GARBOLOGY PROJECT

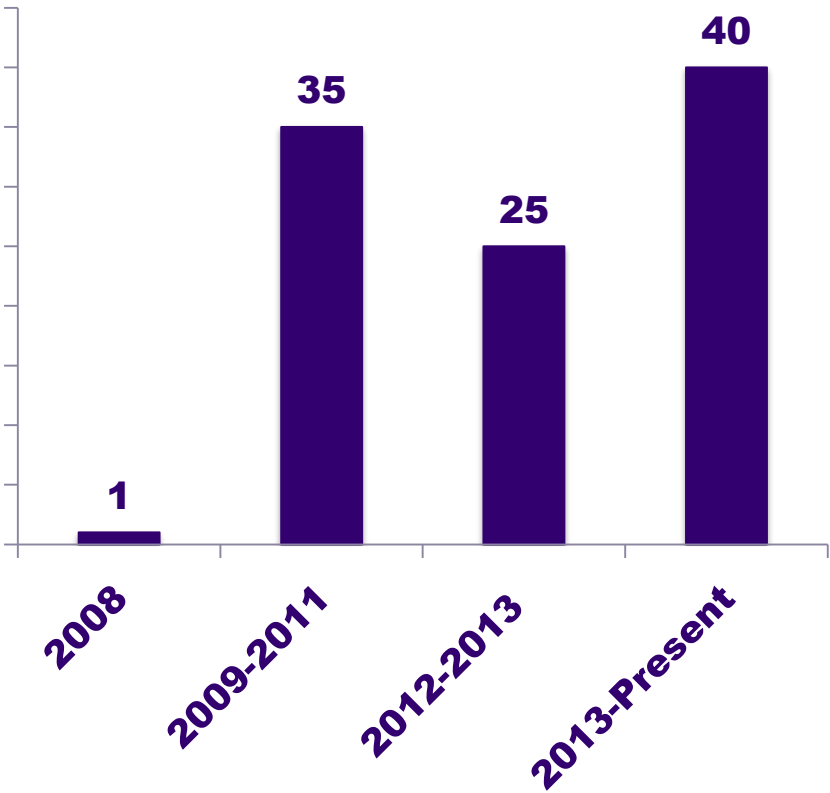
RESULTS

- > An increase in waste diversion by 10 percentage points: 42.6% to 52.5%
- > 83 fewer annual landfilled-tons
- > 3.5% lower waste disposal costs



MINIMAX TODAY

MiniMax Installation Progression



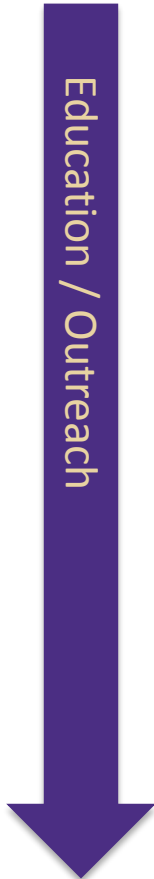
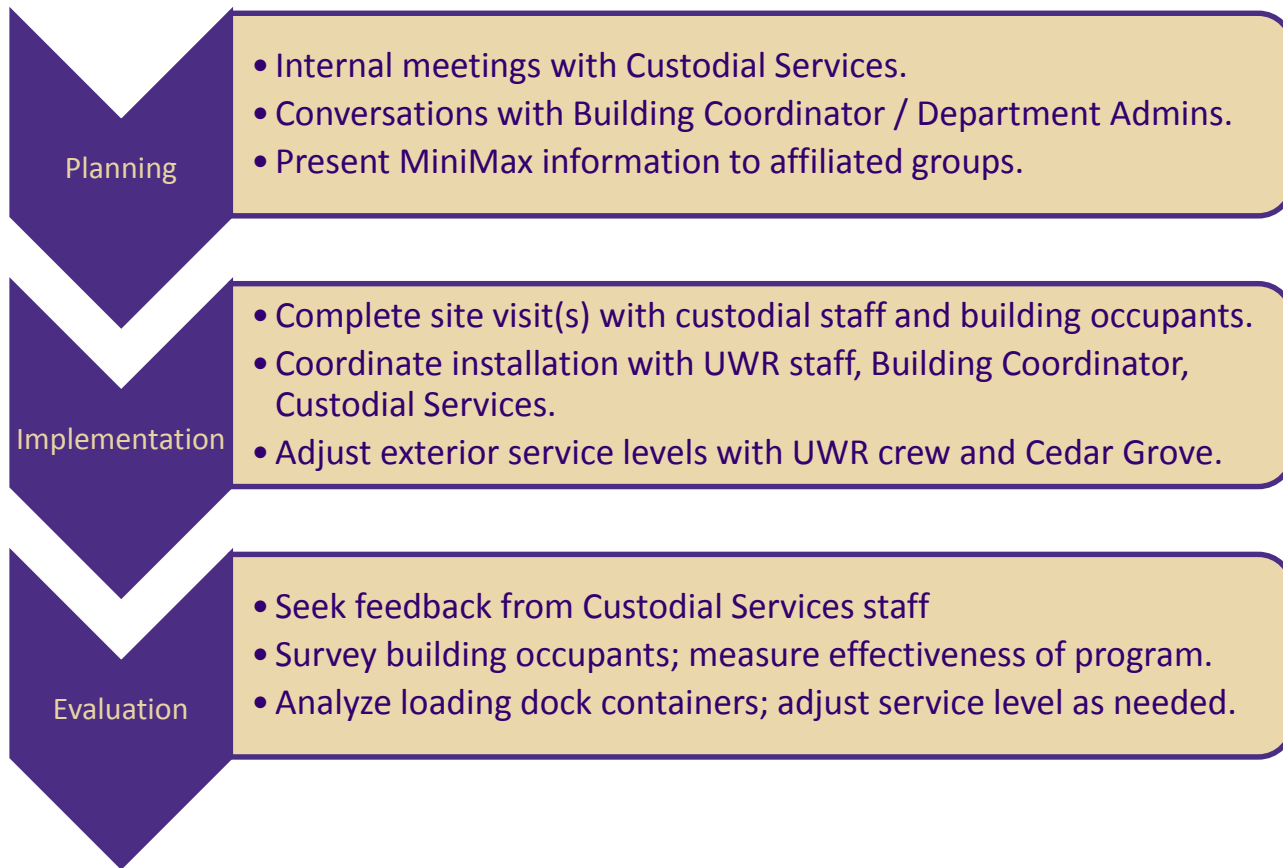
101 total buildings converted to MiniMax YTD

SUCCESSSES



MINIMAX: PROGRAM SUCCESS

INCREASED COLLABORATION



MINIMAX: THE SUCCESSES

IMPROVED EDUCATIONAL MATERIALS

MiniMax BY THE NUMBERS

10,500:
The amount of UW workstations currently utilizing MiniMax bins.

60% of campus buildings have installed MiniMax.

\$1.9 MILLION +:
Total amount UW saved through recycling and composting efforts.

3 hours:
Estimated daily time savings per Custodial Services staff member.

UW Recycling
Use University, Not Plastic

www.uwrecycling.com

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The MiniMax Effect

Waste, recycle and compost containers (serviced by Custodial Services) are placed in common areas throughout the building, making it convenient for faculty and staff to empty their MiniMax containers.

Exchanging your garbage bin for a self-service MiniMax container promotes personal responsibility for waste generation.

MiniMax saves UW money, helps the environment by diverting waste from the landfill, and allows Custodial Services to dedicate more time to cleaning for health.

Composting, including food waste and restroom paper towel collection is added to the building! These bins are checked daily by Custodial Services and are serviced as needed.

Sustainability: It's in our nature.

HELLO THERE

I'M MINIMAX—A LEAN, GREEN, RECYCLING MACHINE.
I enjoy hanging out near work stations & keeping your building sustainable by promoting waste diversion awareness. Below are details on how to get started. I look forward to working with you!

The **green bin** is for recyclable materials.

The small (*but mighty*) **black container** is for landfill-bound waste only.

WHERE IT ALL COMES TOGETHER

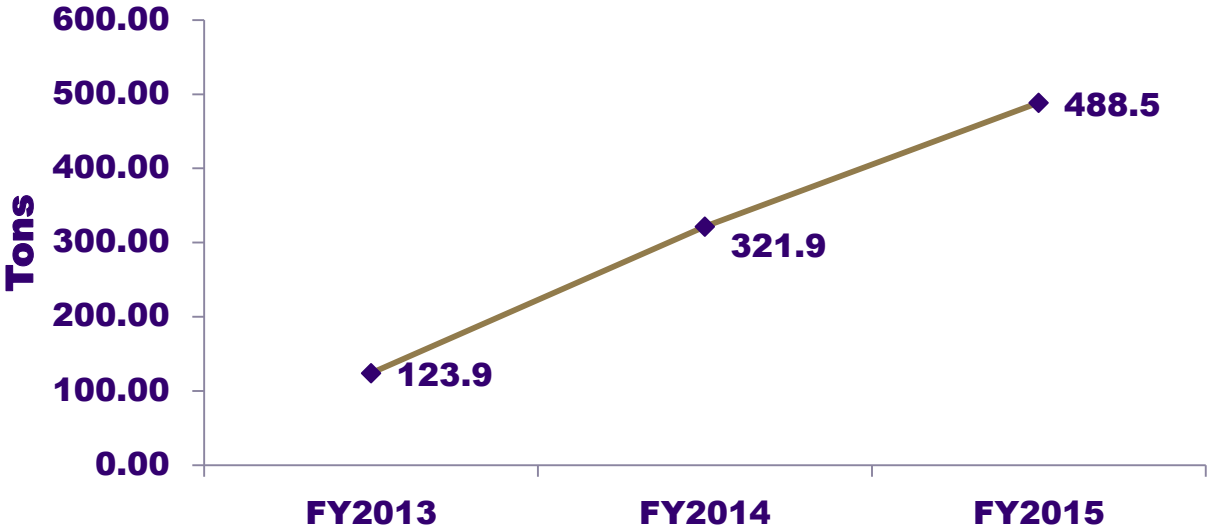
Empty the contents of your MiniMax containers into your work area's centralized bins. This provides custodians with more time to clean for health.

MINImize waste, MAXimize recycling!

MINIMAX: THE SUCCESSES

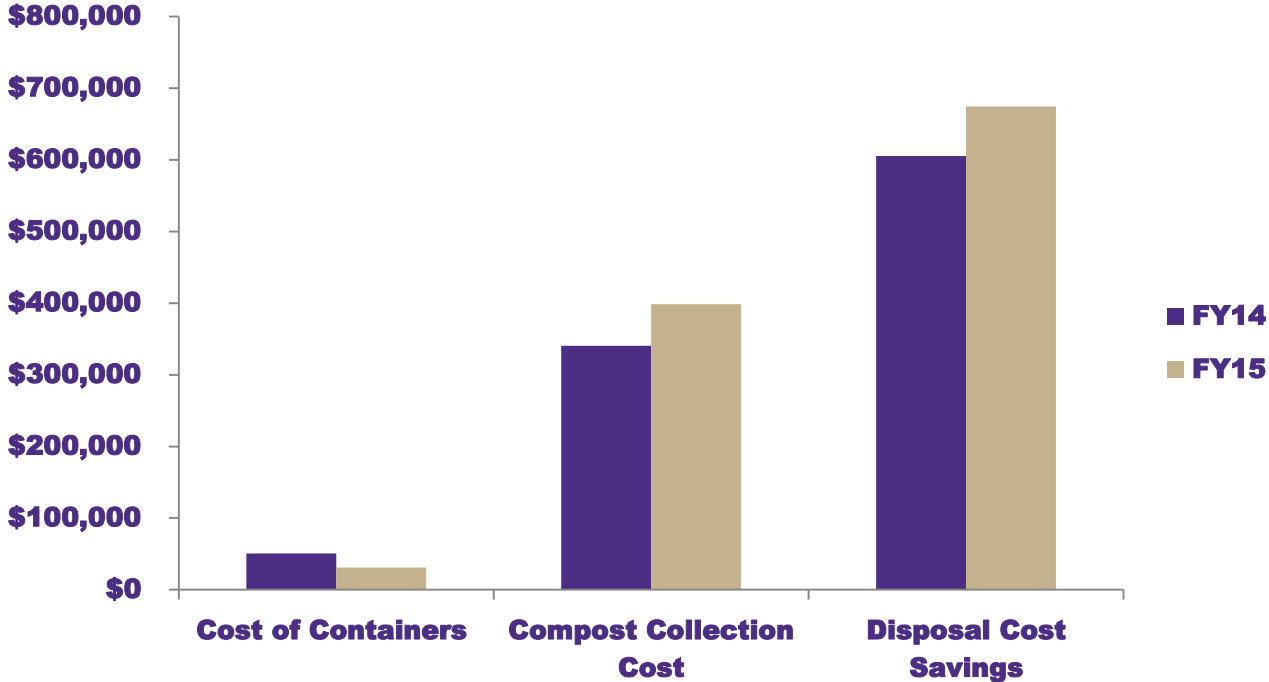
INCREASED COMPOST DIVERSION

**Compost collected from UW
Academic & Facilities buildings**



MINIMAX: THE SUCCESSES

INVESTMENT = SAVINGS



MINIMAX: THE SUCCESSES

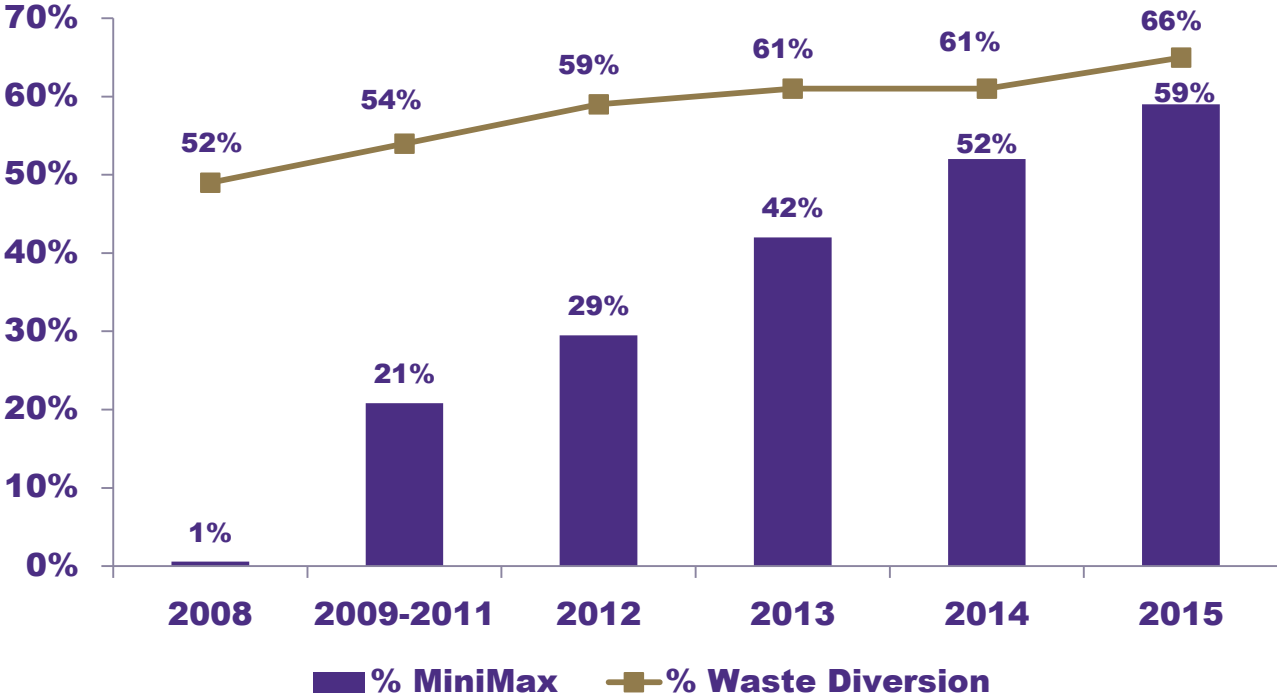
IMPROVED INFRASTRUCTURE & SIGNAGE

- > **Increased accessibility to recycling and composting.**
 - Consistency in centralized container type/size/quantity/locations.
- > **Added awareness / education on what goes where**
 - Illustrated signage placed on all containers.



MINIMAX: THE SUCCESSES

INCREASED OVERALL WASTE DIVERSION



CHALLENGES

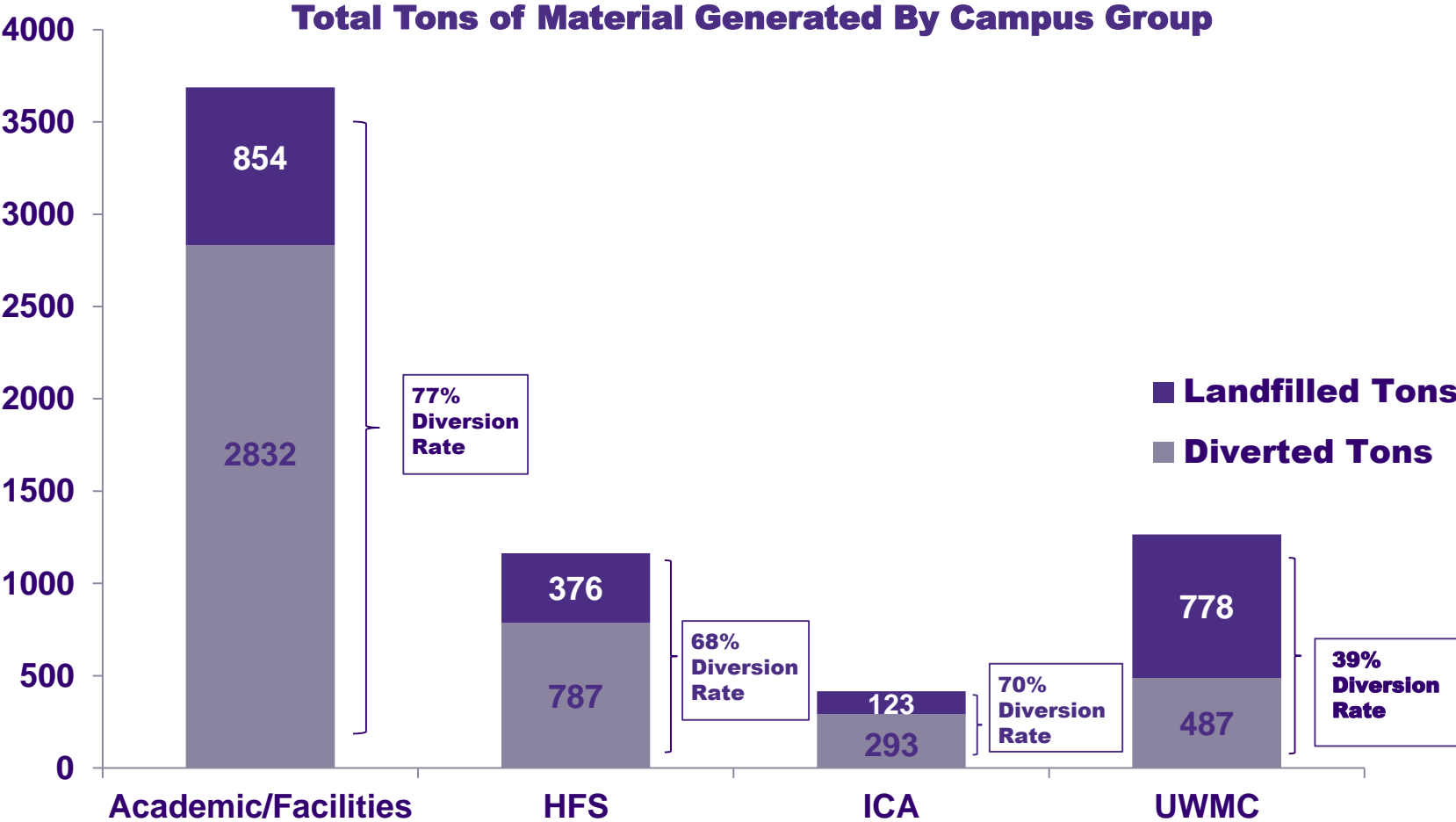


MINIMAX: THE CHALLENGES

- > **Low-hanging fruit has been picked.**
- > **Compost carrot (incentive) has been removed.**
- > **Staffing issues within Custodial Services impacts overall labor hours redirected.**

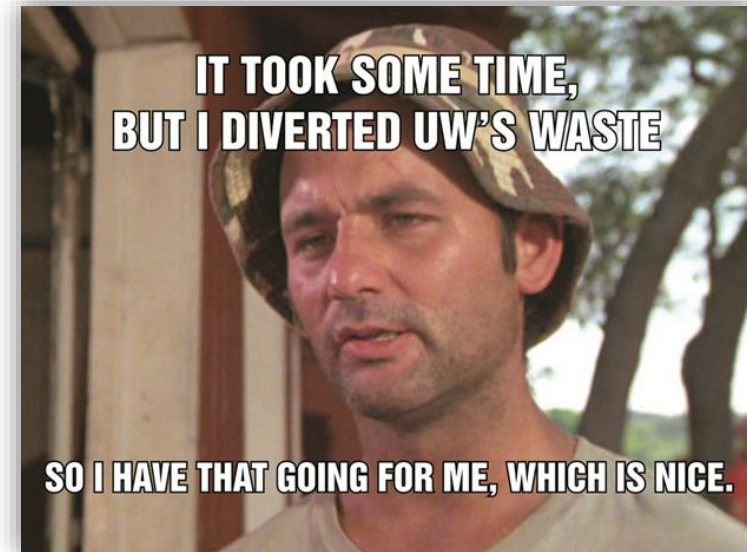


MINIMAX: THE CHALLENGES



THE FUTURE OF MINIMAX

- > Conduct pilot where deskside containers are not placed in offices (at all).
- > MiniMax is no longer voluntary and serves as the deskside standard for ALL buildings on campus.
- > 100% of campus is converted.
- > Waste Diversion goal of 70% by 2020 is reached.



THANK YOU

HAVE QUESTIONS?

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