

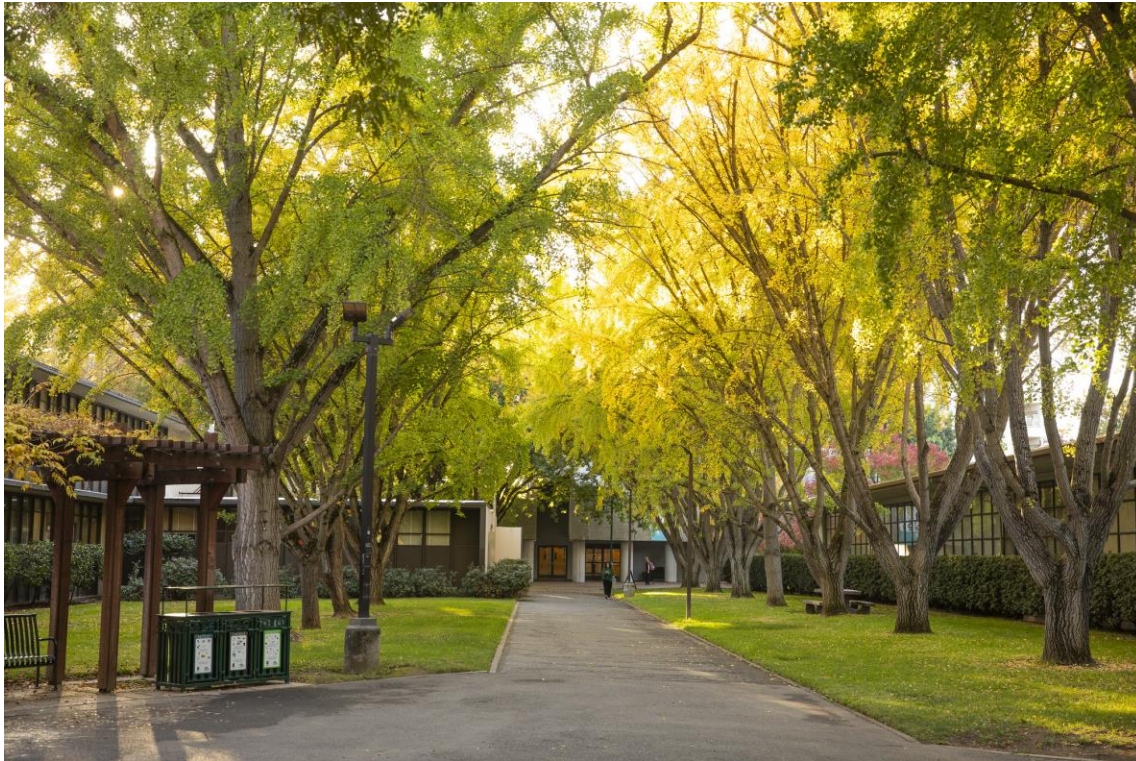


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Composting Our Way to Sustainability

Overview of the Campus



4,000 Trees



30,000 Students



60 Buildings



3,150 Employees



300 Acres



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The Office of Sustainability



- Our goals are to reduce water, waste, energy, and greenhouse gas emissions
- Engage with:
 - Students
 - Faculty
 - Staff
 - Local community

The Opportunity

California institutions face growing expectations to:

- Meet SB 1383 organic waste requirements
- Reduce landfill disposal
- Lower greenhouse gas emissions
- Control rising waste-management costs
- Support institutional climate and zero-waste goals
- Provide meaningful learning opportunities

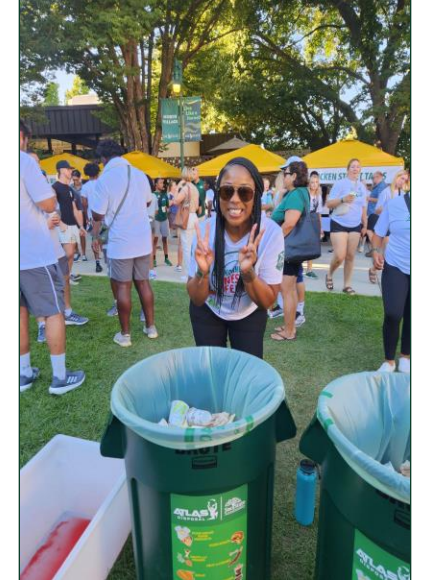


Zero Waste is a Campus-wide Effort

- Building partnerships:

- Key Partners

- Custodians
 - Grounds
 - Campus events
 - Housing
 - Auxiliaries
 - Eateries
 - Faculty and students
 - Campus leadership
 - Waste haulers and processing partners



Creating a Campus Standard



- Campus Bin Standards
- SB1383 Compliance
- Consistency
 - Signage
 - Bins



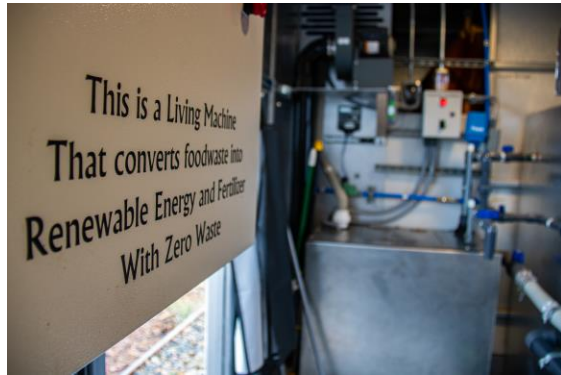
Why Centralize Waste?

- Improves Waste Sorting & Reduces Contamination: Supports compliance with state policies
- Reduces Overall Waste: With no individual bins, people are more mindful of their waste habits. Studies show that centralized waste collection encourages waste reduction and better recycling behaviors.
- Minimizes Plastic Liner Waste: Fewer bins mean fewer plastic liners are used and discarded, reducing unnecessary plastic waste.





The BAC Yard



- Food waste and green waste
- Windrow, vermicompost, hot compost, anaerobic biodigestion
- Reduced fees, increased carbon sequestration, regulatory compliance
- Campus as a living lab

Anaerobic Digester

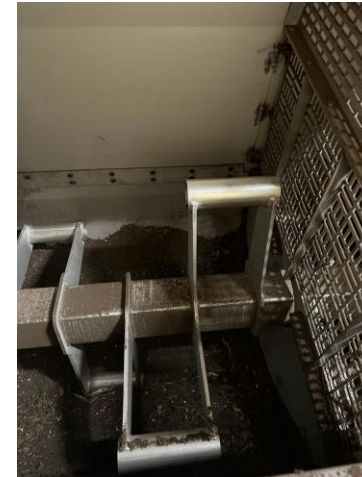


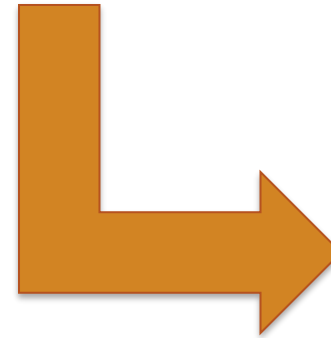
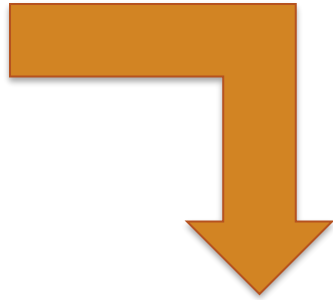
Food waste collection → anaerobic digester → renewable energy + soil amendment

- Waste to Watts
- Research
- Compliance

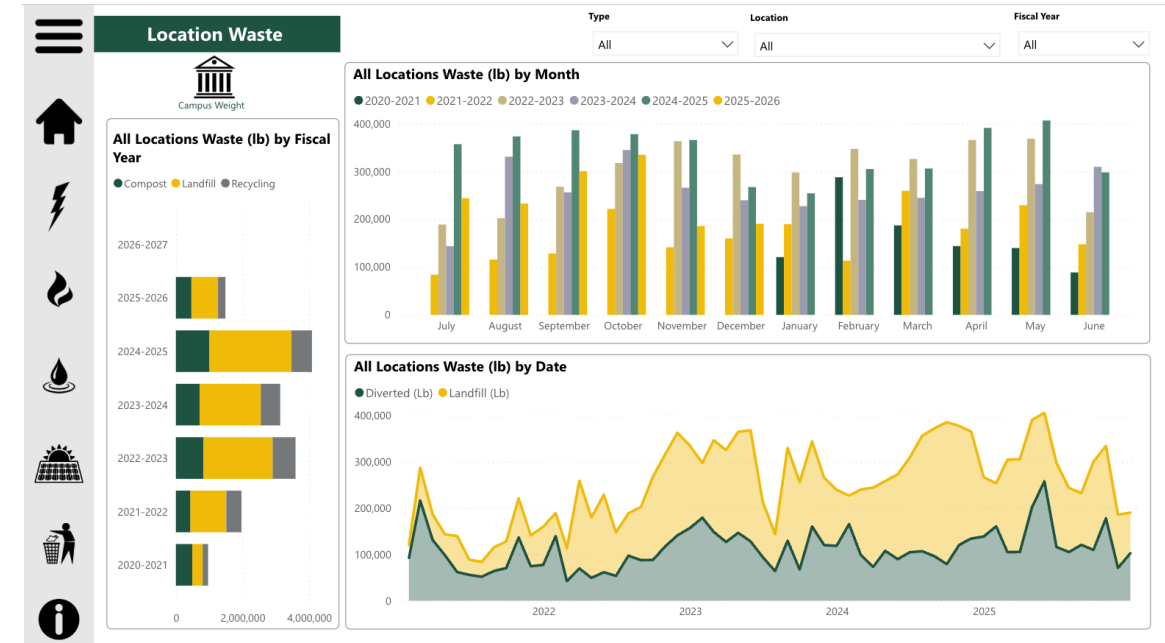
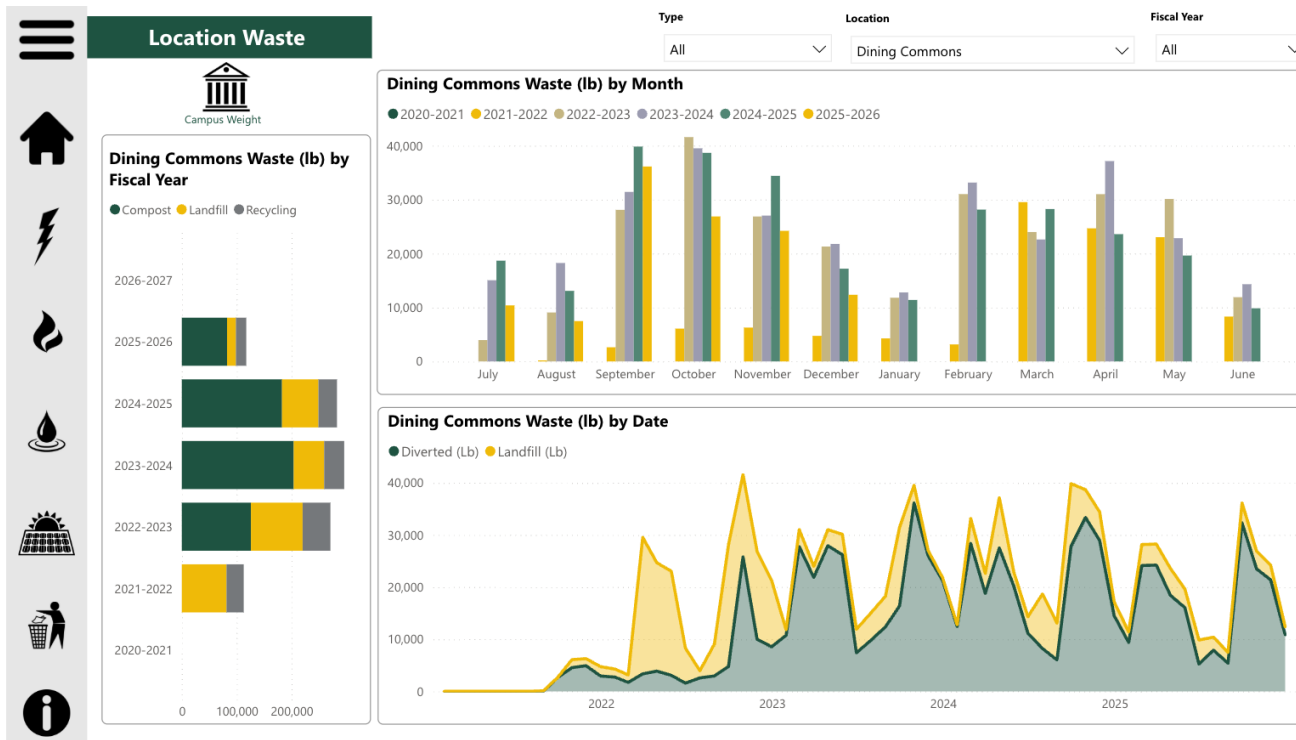
Grant-Funded In-Vessel Composter

- Using data tracking to make a case
- CalRecycle Org Grant 2023
- BioCoTech M4
- Partnership with Sac Unified School District





Waste Tracking



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Take Aways

- Consistent infrastructure makes correct sorting easier.
- On-site processing can reduce hauling costs and greenhouse gas emissions.
- Grants can help institutions invest in equipment, training, and program expansion.
- Data allows campuses to measure results and improve operations.
- Students and faculty can turn operational challenges into learning and research opportunities.



Questions & Contact Information

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