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ORGANICS RECYCLING AT OHIO STATE

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Life and the state

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what to expect



INTRODUCTION

PROGRAM OVERVIEWS

LESSONS LEARNED CONCLUSION

PROJECT IDEAS



Brutus Buckeye sorting recycling

introduction



GOAL

Divert 40% of Ohio State's materials from landfills



recycle.osu.edu



TOTAL TRASH 12,148 tons

down 6% compared to 2004 baseline



RECYCLING 3,862 tons

where it all started











introduction



SUSTAINABLE MATERIALS MANAGEMENT STRATEGY

Co-mingle recycling Zero waste efforts Organic collection pilots





OHIO UNION Built in pulping units (3)













by the numbers





- Installation costs / low maintenance
- Managed by Dock Manager



- Great way to receive LEED points for new construction
- Toters are good not best
- If you can reduce collection frequency it's worth it



ZERO WASTE EVENT SERVICE

Available upon request



















- Sustainability events
- Student Life
- Wexner Arts
- Department meetings
- Women's reception





lessons learned

- Can be challenging logistically
- There is excitement around the program
- A lot of education is required
- Some events are just not appropriate e.g. very large events
- Easy to establish in buildings already collecting organic materials
- Critical to have appropriate compostable/recycling



ORGANIC RECYCLING PILOTS

Blackwell Hotel Fawcett Center Faculty Club





BLACKWELL



by the numbers







lessons learned

- Reduced hauling costs
- Reduced rodents, flies, and odor
- Presently, a little messy
- Additional labor
- Need a leader/champion/advocate
- Trash liner savings



OTHER FACILITIES

Faculty Club Fawcett Center







34.04 tons to Quasar (biodigestor) → avoided 40 MT CO2e 19.37 tons to Compost facilities → reduced 7.5 MT CO2e



lessons learned

- Time/labor intensive
- Determining if outside hauler is better
- Helps support economy of scale for organic recycling in the community







COMPOST TRASH

ZERO WASTE At ohio stadium

OIHO

TATE



using compostable & recyclable products.



created zero waste stations. installed signage

day of game



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CONCESSIONS





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BOWL







COMPOST. 1.64 average tons of compost | .59 average tons of food donation per game



recycling. average 8.3 tons per game





by the numbers





lessons learned

- Listen, organize, and plan
- Coordinate partners
- Seek leadership approval
- Keep it simple
- Focus on the needs



conclusions

- Identify your partners (compost facility)
- Start with pilot program
- It's A LOT of work!

questions



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Thank you! Hawkey.13@osu.edu | @OSUrecycles