



# Cooperation (a good contract & good data) Makes it Happen

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CHESC 2017 - Zero Waste Best Practices

# Big Picture - get to 80% by 2020

Currently only 20% of consumer waste diverted from landfill



# Cooperation Makes it Happen

- Zero Waste Collaborative
  - Unprecedented level of campus-wide operational coordination and cooperation.
  - Unified branding, logos, and messaging
  - Strategic program development



# Contract Makes it Happen

- Waste hauler contract expiration was an opportunity
- Shifted from competitive contract to cooperative contract (3 year to 20 year)
- Set clear standards for performance and aligned incentives to drive diversion goals

# Incentives Make it Happen

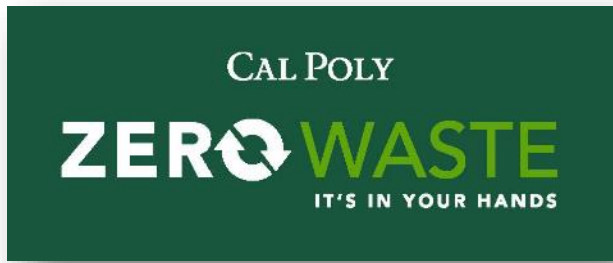
- Costs driven by dumpster size and frequency
  - Recycling service costs 50% less than landfill
  - As diversion increases, waste hauler revenues decrease
    - Negative incentive to actively support Zero Waste goals
- Recycle Diversion Escalator

Diversion from landfill	15%	30%	40%	60%	80%
Cost (% of landfill)	50%	55%	60%	65%	75%



# Data Makes it Happen

- Zero Waste 2020 – Housing Strategic Plan
  - Paying to tip air
  - Landfill / recycling capacity ratio driving low diversion
  - Identified over \$100,000 in savings from dumpster realignment (size, frequency, capacity)
  - Contract requires changes be implemented by next billing cycle
- Dumpster-level automated data collection
  - Audit services and reconcile invoice
  - Optimize dumpster size and collection frequency



# Questions?

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