



Sac State  
Sustainability



SACRAMENTO  
STATE



# Waste

# Diversion

at

# Sac State

A Sac State Sustainability Presentation



SACRAMENTO  
STATE



# Goals

- To promote environmental stewardship to our entire Sac State community
- To find multi-pronged solutions to complex and diverse institutional needs
- To make our program essential, relevant, and a vital resource



# Early Successes

- Department Recycling Days
- Campus-Wide Take-Back Program (2014 CPSC Infinity Arrow Award)
- Recycle It All at Sac State Day



# How did we do this?

- Identified cost-free items; increased our revenue and waste diversion streams
- Made our program user-friendly
- Worked outside the box...and out of the parking lot
- Cultivated partnerships both on campus and off-campus...



# Partnerships

- California Product Stewardship Council
- Keep California/America Beautiful
- New Campus Programs
  - Don't Rush to Flush
  - ReFuel Your Fun



# ORGANICS:

## The Next Frontier

- Food Waste & Bio CNG
  - The Closed Loop
- Aquaponics
- Sac State's BAC Yard
  - Green Waste, Food Waste, and Students!



# Food Waste & Bio CNG



- The Closed Loop
- Diverted 55 tons of post consumer food in 1 year
- AB 1826 Compliance
- Bio CNG burns 95% cleaner than regular fuel
- 51K ride to school annually on Green fuel
- 2016 CHESC Award Winner

# Aquaponics



- STORC
- Pre-consumer food and green waste diversion
- Promotes academics
- Creates partnerships
- 2016 CHESC Award Winner



# Sac State's BAC Yard



- Creation of campus composting facility
- Diverted approx. 90 cubic yards of leaves
- Academic Tie-In
- 2016 CSU CALL Grant recipient

# It's ALL About the Students



# The Results...



**Speak for  
themselves!**



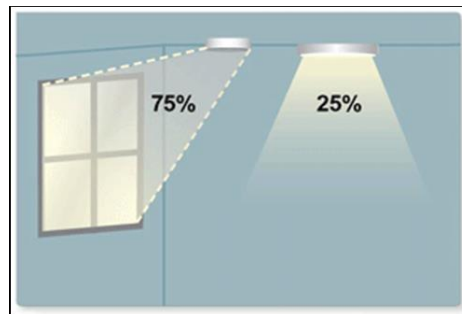
# Energy Conservation

## Advance Lighting Control—Pilot Program

- Mendocino Hall LED lighting retrofit
- Mendocino Hall daylight harvesting
- Sensor-enabled lights decrease energy load

## Campus-Wide Metering Project

- New meters to measure gas, water, and BTUs for the Central Plant Chilled Water and Steam System



# Water Conservation

- Low Impact Development Project
- Campus Wide Bathroom Fixture Change-out
- On the horizon: IR Faucets!



# Recent Awards

- 2016 CHESC Best Practice Awards
  - Innovative Waste Reduction
  - Sustainable Food Systems
- 2016 CALL Grant



# Recent Awards

- 2016 CSU FM Conference Best Practice Awards
  - Sustainability
- AASHEE STARS
  - Highest Ranked CSU



# Recent Recognition

- EPA Green Power Partner
- 2016 Sierra Cool Schools
- 2017 Princeton Review Green Honor Roll
- 1<sup>st</sup> KAB University Affiliate



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# Thank you!

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