

Action Items Based on Sustainability Plan:

Waste Reduction:

- Education campaign on waste reduction – November
- Waste Assessment and Recommendations
- Composting program

Plastic Reduction:

- Create refillable water station map
- Implement coffee mug discount program
- Coffee Mug discount program advertisement
- Single Use Plastic Education Campaign
- Straw removal from campus
- Single use plastic removal from campus/implement sustainable alternative
- Remove single use plastic vending machines from campus

Recycling Improvement

- Implement an electronics recycling program
- Improve paper and plastic recycling by:
 - Relabeling recycle containers
 - Adding recycling receptacles next to every trash receptacle
 - Labeling recycling containers with everything which can be recycled
 - Distributing information about what is and what is not recyclable
- Implement a clothing recycling program

Computer Policies

- Create, distribute, and train on computer lab sign off sheets
- (ongoing) ensure that power management features are working on labs with capability
- Continuous education/reminders to turn off computers

Printing

- Distribute paperless pledge to faculty and staff
- Distribute printing recommendations to faculty and staff

Sustainable Kitchenware

- Obtain agreement that sustainable/biodegradable drinking straws and cutlery are preferable to plastic
 - Requires facts/educational presentation
 - Prepare cost comparisons
- Meet with purchasing to understand limitations
- Establish reusable coffee cup discount program
 - Create advertising for the discount program

Organic and Local Food

- Meet with Sodexo to understand current food sourcing and determine which ingredients, what quantity, could be purchased locally if they are not already

- Consider modifying menu based on local, seasonally available crops – research and proposal

Recycled Paper

- Ensure there is a recycling bin beside each waste receptacle (ongoing)
- Provide an education campaign about what is and what is not recyclable
- Support double sided printing-
 - Send reminder to faculty/staff
 - Set all printing defaults to double sided campus wide
 - Email students about new setting on computers
- Provide VP Business ops with information on pricing differences between current paper and paper with recycled content, ongoing basis

Optimizing Building Use

- Continuously meet with scheduling to ensure that hvac zonal maps are being used to plan class locations
- Implement unoccupied-periods confirmation process the day before the weekend of said scheduled event
- Move offices which are not in an HVAC-efficient location (H building at Cuyamaca, 36 at Grossmont)

Implementing Building Management Best Practices (ongoing management/oversight)

- Ensure that temperature set points are within the recommended range. For GCCCD, the temperature range is 68-74 for occupied hours, and 55-90 for unoccupied hours.
- Ensure that HVAC schedules are updated and trimmed to match occupied times as possible.
- Do not schedule equipment start earlier than absolutely necessary for a building to be appropriately conditioned for occupants to arrive. Utilize both temperature trends available through EMS and data loggers to confirm how long the HVAC must run in order to condition each space.
- Remove Optimal Start where it is scheduled. If removing is completely out of the question, limit optimal start to one hour maximum.
- Continuously monitor and test OA dampers for failure.
- Run exhaust fans in tandem with building occupancy; ensure they are turned off during unoccupied times.
- Modify chilled water supply temperature based on seasonal load requirements.
- Modify static pressure in VAV systems based on season and whether HVAC is providing heating or cooling predominantly throughout the day.
- Adjust other HVAC settings as appropriate and as technology allows.

Lighting Management

- Ensure that the minimal exterior lighting required for CAPS and Operations safety is utilized when the campus is closed after 11pm (ongoing)
- Continuously monitor the outdoor lighting set up and update Wattstopper so that the lighting is programmed for optimal energy usage (ongoing)

- Where possible, ensure that all indoor lighting is off during unoccupied times. Where it is not possible to have all indoor lighting off, utilize half or low lit schedules. Need lighting audit assessment/cost analysis savings for:
 - Building 30- Grossmont
 - Building 51-55 Grossmont restrooms
 - Building 10 Grossmont restrooms
 - Building B Cuyamaca- all hallways
 - Building E Cuyamaca second floor hallways
 - Building I Cuyamaca- kitchen hallways
 - Building H Cuyamaca- chemistry lab hallways
- Continuously audit to find opportunities for lighting upgrades and LED replacement projects.

Shutdown Optimization

- Develop and distribute daily shutdown checklists for each department
- (Continuously) provide feedback via “thumbs up” or “thumbs sideways” notes to each department
- Provide monthly “champions” and monthly “room for improvement”

IMAP and Water Management

- Create and deliver IMAP
- Identify locations to replace with native plants
- Identify turf removal opportunities
- Encourage use of LID design

Culture of Sustainability

- Send out advertisement to “recruit” Eco Reps from each department
 - Meet with each department to discuss what the Eco Rep does
- Sustainability Club Meetings (twice per month, ongoing)
 - October- living wall workshop
 - Ban the Straw campaign
- Weekly Energy Tips
 - Record energy tips
 - Receive approval to distribute them each week
 - Post them on the website
- Newsletters
 - Send fall newsletter
 - Begin winter newsletter template/info
- Website
 - Achieve permission to post a public website about sustainability
 - Update regularly with initiatives, information, and updates/achievements

Solar PV

- Clearly organize all solar PV proposals
- Understand approval process and timeline/necessary steps; communicate them with each solar company
- Obtain buy in and implement solar PV array at each campus

Battery Storage

- Clearly organize all battery storage proposals
- Cost benefit analysis
- Obtain buy in and implement battery storage if it is the consensus

Sub metering of buildings

- Continue to look for rebates/incentives for sub metering of buildings.

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