

Chancellor's Sustainability Committee Meeting  
Tuesday, November 28<sup>th</sup>, 3:00-4:30 HR Learning Center (3101DD SAASB)

**Attendance:** Bruce Tiffney (Co-Chair), Mo Lovegreen (Consultant), David Lea, Renee Bahl (Co-Chair), Constance Penley, Joanne and Rena (EAB), Derek Musashe, Bill Shelor (Advisor), Dennis Whelan, Brit Ortiz, Nicolas Pascal,

**Absent Committee Members:** Igor Mezic (advisor), Alan Heeger (advisor), Mel Manalis, Rachel Segalman, Nicolas Pascal, Mark Brzezinski, Jacob Godfrey (Advisor), Henning Bohn, Sangwon Suh, Alan Grosenheider, Matias Eusterbrock, Roland Geyer, , Ken Hiltner

**Other Attendance:** Katie Maynard, Matt O'Carroll, Jewel Snavelly, Tim Schwartz, Jessie Schmitt, Ian Castillo, Heather Perry

Announcements (3:05-3:10):

- a) TGIF Call for Proposals – Jewel Snavelly – due Feb 5th
- b) New CSC Committee Member, Dennis Whelan, Associate Campus Architect, Office of Campus Planning and Design). Dennis has agreed to co-chair the CSC subcommittee on the built Environment – Renee Bahl
- c) Scheduling Winter Quarter Meetings – Bruce Tiffney  
Everyone received a request, please fill out.
- d) GCLC Member Update – Bruce Tiffney  
Since David Auston and Marc have moved on, David Lea has agreed to be the UCSB representative to the GCLC

Updates (3:10 – 3:23):

- a) Eternal flame – Katie Maynard  
Currently burns methane and is frequently out, so we reached out to center to black studies and they introduced us to the leader of the MLK committee who is very excited about making flame more external. In January we will launch a competition to redesign the flame. The winning proposal will be selected on the anniversary of MLK's death, by a selection committee (will include stake holders from; the center for black studies, the black student union, and the downtown MLK committee).  
---- We will apply to TGIF for project funding.  
---- Can we include someone from FM to make sure it is feasible?
- b) Healthy Campus Network – Katie Maynard  
This Friday we will be hosting a behavioral change forum, with a speaker from UCB coming in to present on the BJ fog method. HCN has also launched the take the stairs campaign and we are developing art pieces with Jane Mulfinger's class. We will go to the small projects committee this week for approvals for the art installations.
- c) CHESC-Data Driven Change and Engagement – Katie Maynard  
The final theme is "data driven change and engagement". Now that we have selected the theme, we are looking for keynote speakers for the July conference, someone who can take \$5,000 or less and can speak to this topic.

- d) Built Environment Subcommittee – we need a faculty Members to join the committee.  
An email should go out given that very few faculty members are present.

Minutes (3:23-3:25):

- a) Approve Meeting Min. from October – Bruce Tiffney --- all in favor

Presentations and Discussion (3:25-3:40):

- a) Draft Water Action Plan – Matt O’Carroll

This is an update to the 2013 WAP, it has the same table of contents but with updated goals and new recommendations.

Overview of UCSB policy update:

- Eliminate single pass systems for soft plumbed systems
- New goal, 36% gross adjusted reduction from a UC baseline (05/06/ - 07/08)
- Per capita is calculated using a weighted campus user (WCU) metric developed by STARS. It takes different campus populations and weights them. All UC’s are utilizing this same metric.
- Identify underutilized Turf
  - o Used GIS to find areas of lawn that have a high perimeter to area (strip lawns). We edge 7 linear miles of turf on campus which is very resource and labor intensive.
  - o UCOP asked that we quantify used and underutilized turf with a plan for replacement
- The UC system has also asked for a map of campus water meters.

2016/17 water data:

- Per capita water use has reduced 17% from the UC baseline, to get to the 36% we need to bring gal per day use down to 21.5 Gal/WCU/Day. We have already done a lot, so this is going to be hard.

Scope:

- What are your defined boundaries – everything under operational control, is included. This doesn’t include faculty housing with HOAs like north campus faculty housing.

Recommendations:

- Eliminating underutilized turf (Lawns with a large perimeter to area ratio) areas irrigated with potable water.
  - o Benefits:
    - labor savings
    - fuel savings
    - water savings
    - Total project costs –450,000
  - o Questions:
    - How many acres have we converted to date? Maybe 5 to 7 acres
    - How much turf is irrigated with recycled water? 90% of campus is irrigated with recycled water. We pay 80 cents for recycled vs 8 dollars for potable. We were early adopters so we have a really cheap rate and we have a minimal threshold, not a maximum threshold.

- We are going to move towards indirect potable water use in 10 years so it doesn't make sense to expand infrastructure.
- Eliminate Single pass cooling systems
- Efficiency and conservation
- Utilization of recycled water
  - Helped Goleta water rewrite code to include recycled water as cooling tower makeup water.
  - Looked at using recycled water in Bio 2 but this isn't currently feasible because you would need water softening tanks. If you have poor water quality you can only run one or two cycles of concentration. To run recycled water in Bio 2 we would need 6 water softening tanks and would need to exchange tanks once a day.
- We are also considering recommendations for capturing condensate in new buildings

Matt will send Water Action Plan for the committee to review before our next meeting.

Action Items (3:40 – 3:55)

- a) Approve Draft Annual Report to the Chancellor

Approved

Committee Reports (3:55 -4:30)

- a) Academic senate work group
  - We are moving forward with environmental justice minor
  - sending out call for climate and sustainability champions
  - On Monday we will be having an event highlighting faculty that incorporated sustainability in their courses. Katie will send reminder to this group. The announcement also went out to faculty list serve.
- b) ECOalition
  - Had two town halls,
  - We also had a retreat this last week with 31 students.
- c) Energy and Climate –
  - Jordan said he and his colleague's submitted proposal to the CEC for a micro-grid demo project. Could provide backup power during emergencies.
  - Discussed a solar water heater project at the pool
  - Also discussed the possibility of having offsite solar and decided that this isn't feasible given the current cost of land in Santa Barbara.
  - Mo is going to work with Jordan on a solar video.
  - Jewel is reaching out to the folks that host campus tours to ask about incorporating more talking points on the solar into the tour guidebook.
  - Students talked about pushing solar in Student affairs building.
  - We talked about adding survey questions to the transportation survey about student's commutes home on the weekends and break.
- d) Food

- We are getting ready for the AB 85 funding and are going to have over 100,000 to spend right away. Sent out request for proposals and got 1.1 million in requests, but good news is student affairs hired a grant writer.
  - New vegan coalition on campus.
  - Launching a food recovery effort through a new student club called food cycling.
  - Launching a Food App through catering events called late guests. Late guests is still getting approved.
  - The Food committee is still looking for a chair
- e) Landscape
- No real new progress to report.
- f) Procurement
- still forming working groups
- g) Transportation
- Formed a SOV and a Transportation master plan working group
- h) Water
- Putting together a spreadsheet to prioritize goals.
- i) Waste
- No updates
- j) Other updates
- Submitted a CNI Proposal for a statewide art competition that would focus on art pieces that communicate climate change. Also submitted proposal for text message service system-wide for energy conservation. Another proposal was submitted for CCERL
  - Derek – in spring (career services) will be putting on an event about careers combating climate change and I am looking for speakers to bring in. If you have ideas, please email me.