

**Chancellor's Campus Sustainability Committee Meeting**  
**Thursday, Jan 29<sup>th</sup>, 9:00-10:30 in Cheadle 5123**

**Attendance:**

**Voting Members:**

Pam Lombardo, Bruce Tiffney, David Auston, , Nicholas Frey, Eric Matthys, Britt Ortiz, Mel Manalis, Michael Fanelli, Constance Penley, Alex Regan

**Other:** Mo Lovegreen, Matt O'Carroll, Thomas Sims, Sarah Siedschlag, Marc Fisher, George Foulsham, Jewel Snavely

**Absent voting members:** Igor Mezic, Karly Miller, Mark Brzezinski, Roland Geyer, Denise Stephens

**9:05-9:10 Announcement:**

- a) Food from the Sea Summit --- As part of the global food initiative UCSB will be hosting a Food from the Sea summit on Feb 18<sup>th</sup> from 8 – 7:00 PM.
- b) Ranked 3<sup>rd</sup> by Green schools --- American university was 1.
- c) Nominations for Staff Sustainability Recognition Award - The call for nominations will be coming out shortly and would like to encourage you to make a nomination.
- d) Sustainable Purchasing Leadership Council (Mo) ---- We have joined the Sustainable Purchasing Leadership Council (SPLC) and are going to participate in a pilot for developing sustainability criteria for purchasing. SPLC is using a model very similar to LEED and it should be out of the pilot phase in 2016.
- e) There will be a food and sustainability related talk on Monday Feb 9<sup>th</sup>

**9:10-9:15 Minutes:**

- a) Review meeting min. from November (Bruce) --- Approved

**9:15-9:30 Updates:**

Global Climate Leadership Council (David) --- The Leadership Council was appointed last May and so far there have been two meetings. The next meeting is scheduled for three weeks from now.

The biggest project that has come out of this effort is the development of a 80 MW solar PPA project in the Fresno dessert but we will not have access to this since we aren't on Direct access. There is also an effort underway to put a bid out for two bio-methane facilities. The hope is that these facilities will provide one -third of the natural gas the UC system uses.

David went to the Lawrence Livermore lab to look at the proposal to build a test bed for solar and wind, and storage. They think they could get up to 100MG of solar at the site and are very interested in partnering on the initiative. However to start, this would mostly be a research-oriented initiative. This site is only 15 miles from electric grid tie in. While there is excitement around this project, it should be noted that there are a hundred things that could prevent it; protected species, superfund site, valley fever, etc.

**9:30-10:00 Presentations/Discussion:****a) A.S recycling composting pilot -----**

AS recycling began in 1993 with a student lock in fee. We now have 17 student employees working in several aspects of waste management including recycling, electronic, composting, education and outreach. AS manages all the outside recycling bins, and free pickups of electronic waste. AS also handles the campus composting program.

**Big Belly Discussion ---**

Bigest advantage of big bellies are that they pest proof, other bins over flow and raccoons get in. Also with Big bellies you have to pull down a door, making people think about what bins to put their waste in. The only technical problems we have experienced are with the sensor gage getting dirty. Also because the sensor is volume not weight based, we have experienced some problem with the weight when individuals put large dense items in the big bellies..

New composting pilot project ---- funded through TGIF grant, AS purchased several yellow slim Jims, black hinged lids, and signage for all of them. Student staff collects the bins three times a week.

Indoor composting is a huge priority because all UC products have been pretty much switched to compostable, however disposal sites are limited.

**Current Locations:**

Facilities Building 437  
Life Science Building, floors 1-4  
Intercollegiate Athletics, main lobby & staff kitchen  
Ellison Hall, 1st and 6th floor kitchens  
AS Bike Shop  
AS Food Bank  
AS main offices/MCC  
KCSB courtyard  
AS Annex (Building 434)

Increase has come with minimal advertising other than 1 email sent to building managers with a request to forward to occupants. We are already seeing that this program could expand very quickly and are trying to take steps to keep staffing and the cost of compostable bags under control. Have yet to do much outreach but plan to conduct trainings and release D-list announcements as we expand.

**b) Presidential Initiative memos -** These memos came out of the new committee on coordination. They are an effort to talk about the benefits of these initiatives from UCSB's perspective. This is a start but what is needed is a much larger communications plans to engage the campus and at this point we are just getting your feedback on these letters.

The committee has proposed two Bren student projects, one is to develop a communications plan and the other is to develop a road map for reaching carbon neutrality including the options and drawbacks.

The water letter is a reformatted letter from the original initiatives. This initiative and memo is different than the other two initiatives because we have already achieved the goal, therefore this memo focuses more on where we should go next.

The goal is to build support from students, staff, and faculty before we go to the chancellor. We are just consensus building at this point.

#### **10:00-10:30 committee Updates:**

- a) Alternative Energy – David Auston\*

We have had two meetings since our last meeting. At the first meeting Jordan Sager made a presentation about the 4+ MW solar PPA proposal being developed. This is an ambitious project that would represent 10% of our power and would cover our peak electric usage and would save the University around \$200,000 annually.

Second meeting was to talk about the hot water loop. The plan was to capture heat from the cooling systems and use it to heat other parts of the building. For varies reasons this project wasn't fully implemented. It was brought back with the idea that we will need to look at this further as an option to help us achieve carbon neutrality. Heat pumps in our climate can be about 300% efficient.

We also discussed UCSB participation in AB32. We voluntarily joined the program even though we are still below the threshold. There is advantage to joining now because we can buy allowances and offsets at current rates.

- b) Coordination – David Auston\* (see section above)
- c) Built Environment – Marc Fisher/Jordan Sager
- d) Communications – Jewel\* ---- We are working on materials for the All Gaucho Reunion which will have a sustainability theme this year.
- e) Waste –Matt\*
- f) Water – Matt\* ----

A white paper is being circulating through UCOP and there isn't much mention of us. I have asked them to include some graphics and background so that our historic efforts are represented.

Goleta water district has initiated a meeting next week with Matt and Marc and we think Goleta water district will raise the rates.

UCSB only uses 6% of all the potable water that they purvey.

We are looking to use recycled water in the CNSI cooling tower however this specific use isn't in permitting for the recycled water use. An engineering report would need to be filed however Goleta water district hasn't been very supportive.

CNSI cooling tower project uses 8,000 tons per day, we have a contracted rate for recycled water of 80 cents versus \$5 for potable, so the ROI would be about 2 years.

- g) Transportation --- finalized the transportation survey
- h) Ecoalition\*
- i) Academic working group\* ---- Three calls out: call out for the newly funded graduate research fellowship, call for faculty sustainability champion, call for carbon initiatives fellows. The committee is also rethinking how might address GE requirements.