

Chancellor's Sustainability Committee Meeting Agenda
Thursday, March 22nd 10:00-11:30
5123 Cheadle Hall

Attendance: Bruce Tiffney (Co-Chair), David Lea, Renee Bahl (Co-Chair), Constance Penley, Derek Musashe, Dennis Whelan, Jewel Snavely (staff), Matias Eusterbrock, Henning Bohn, Hunter Lenihan

Absent Committee Members: Jacob Godfrey (Advisor), Roland Geyer, Igor Mezic (advisor), Alan Heeger (advisor), Mel Manalis, Rachel Segalman, Ken Hiltner, Rena Lahn, Brit Ortiz, Bill Shelor (Advisor), Mark Brzezinski, Sangwon Suh, Nicolas Pascal, Alan Grosenheider,

Other Attendance: Katie Maynard, Heather Perry, Jordan Sager, Matthew O'Carroll

Announcements (10:05-10:10):

- a) Thank you Constance for your service to this committee – Starting spring quarter, Janet walker will be replacing Constance on the committee.
- b) Welcome Hunter Lenihan, our newest CSC member
- c) New Commuter Train – Jewel
 - New retiming of the train to better suit work hours, starts in April
 - First month will be free
 - 140 faculty and staff indicated an interest in this
 - SB Bikes already has reservations for bikes from the train
 - Some vanpool shuttles from the train (three)
 - Rent to own program
 - can put a deposit down (\$600), folding regular bike
 - 40 runs on the train, you get the bike for free and you get the \$600 back
 - Punch pass for SBCAG (10 at a time) to get the free pass
- a) Faculty Sustainability Champion – Bruce
 - Senate working group decided to award to Simone Pulver
 - Simone will be working on an Environmental Leadership Initiative to educate and create environmental leaders out of our student population.
 - Creating student champions in their own right
- b) [Earth Hour](#) – Renee
 - On March 24th, at 8:30 to 9:30 AM is earth hour, the world wildlife Fund is asking everyone to turn off all non-essential lights at 8:30 p.m. your local time and recommit to the fight against climate change. Since it is on a Saturday, our campus will already have all non-essential lights but we have announced it through UCSB Sustainability social media for individuals who would like to participate.

Updates (10:10 – 10:28):

- a) March 5th Campus Climate Forum– David Lea

- Wanted to give students a chance to learn about the CNI and give their input
 - 60 students, full room
 - Presentations from Dr. Lea, Jordan, and Elizabeth
- Main takeaways:
 - Students were highly supportive and wanted to know what they could do. Expressed the need for specific action items.
 - There is a perception on the student part that it is university led and not knowing what the campus motivation/commitments are
 - Lack of information on how we are doing related to the commitment
 - Talked about the divestment campaign, lots of student involvement in that. With the carbon neutrality issue there is no clear “enemy/bad guy” as with the divestment campaign.
 - Message students are getting: We have it figured it out. They want to be involved beyond showing support.
 - Some suggestions for involvement included a dashboard/visual kiosk, competitions, and concerts to motivate students.
 - Students want to know the issue without sugar coating

Questions and Discussion

Was there any discussion to offsets? There were no specific comments about offsets.

There is some tension between GFI and CNI at other campuses, GFI concerned with basic needs

Economic issues - CNI and GFI

- Hunter suggested Bren resource economics professors could help?

b) Bikes share – Mo Lovegreen

- Selected a final vendor, CycleHop, they are coming to do a site visit tomorrow. We are sending a letter up to the chancellor to let him know.
- The campus worked with a huge range of south coast governmental agencies and non-profits on this bike share.
- The pilot phase of the bike share will launch at the end of June with about 600 bikes (jewel to clarify) to test out the model before the busier time of Fall
- CSC would like to make sure we help advertise encourage people to wear helmets. We will be working with Julie Levangie in HDAE on outreach materials

c) New Climate Scoop - <https://mailchi.mp/74796e76d9d8/check-out-our-new-climate-newsletter> - Jewel

- Working with a CNI Fellow on a new the Climate Scoop newsletter that just launched in March. The newsletter will go out twice a quarter and

will focus on energy and climate.

- Suggestions for distribution:
 - Could we connect to the UCSB Current?
 - Where can we currently find the newsletter, is it linked to our website? – not yet but was sent out to list serve, social media, partners in the community
- There is no central place on campus to find out about seminars in environment/sustainability
 - Sustainability.ucsb.edu/events does have some of that
 - We also have a faculty list serve that announces this too

Minutes (10:28-10:30):

a) Approve Meeting Min. from January – Bruce Tiffney - Approved

Presentations and Discussion (10:30-11:05):

a) [Tomkat CNI natural gas report](#) – David Lea

- UCSB participants: Jordan Sager, David Auston, and Igor Mezic. *Dr. Auston was the lead on the fundraising effort for this
- Question: What was the cost? Not sure, this was one of two big multi-campus, multi-stakeholder processes. Dr. Lisa Leombruni was involved in the second project.
- David Victor, political scientist, managed to get a comment into nature about this report, *Turning Paris into reality at the University of California*
- UC alone won't solve climate change, our numbers are pretty small, but we can set a model and show what can be done for other institutions that use more resources
- UCSB third lowest emissions (only Santa Cruz and Merced lower). Bigger emissions are those campuses that are burning gas on campus to create heat and power. UCSC just added one of these in 2016. Berkeley has an on campus power plant too (but theirs is indirect emissions)
- Question: Is it cheaper/lower enviro. Impact if you produce locally? Very efficient if you don't care about local emissions. All fossil fuel based (grid brings in more renewables).
- How to detach yourself from cogen? Stranded assets
 - Stanford spent ½ billion dollars to electrify: Eliminated 95% of natural gas usage, they have 53% carbon free energy through a Solar Power Purchase Agreement (owned a large piece of land to site it on).
- Three strategies for moving away from natural gas:
 - Energy efficiency
 - Biogas - wait until we get closer to 2025 to do this.
 - Electrification

Discussion/questions

- If what we do doesn't transfer to other segments of society, will this be worth it?
 - Biogas is expensive and there isn't really enough
 - We need strategies that will work for other institutions

- We need to be testing ideas
 - This is a global problem and it doesn't help just for us to solve, we need to be a model
 - This message could help the students get behind this. We are a giant laboratory for the planet
 - Efficiency/Conservation is important too
 - PSBN, first two floors are teaching labs with no air conditioning, we added air conditioning and in return we are setting back the temperature by ten degrees at night
 - Saves 10s of thousands of dollars a year
 - There are so many other projects like this on campus but we need people advocating for those!
- b) [Fovea Climate Action Planning Tool](#) – Jewel
- In October the UC Sustainability office informed us that carbon neutrality reporting will be included in the annual “budget” reports from the Chancellors to the President.
 - Planned actions would be reported using the FoveaCAP tool, updated annually in sync with the budget reports.
 - We have worked to put projections into the fovea CAP tool, created by a consultant and customized for the UC system.
 - Question: Why was an outside consultant hired? We have the expertise to do this with our own researchers and faculty! This should have engaged our faculty and researchers
 - I believe UCSC hired Fovea first
 - UCOP then extended the Fovea model
 - Fovea has been responsive to questions
 - Question: why are we waiting until 2024 until we do anything?
 - We have includes what UCSB has committed to doing at this point, our campus could invest a lot more in energy efficiency but at this point funding hasn't been committed for more than a few projects.
 - What are the optics here?
 - If the idea is to be a model, is this what we should be doing?
 - This looks like an elitist, let's just throw money at it
 - We don't want to show something that we aren't doing yet
 - This isn't inspiring for others in a way that we might hope a model might be
 - There are a lot of projects in that “potential energy efficiency category” that have great rates of return (2-3 yr rates of return)
 - Has there been any talk of using offset money towards energy efficiency?
 - 2025 Goal

- There are people that think this is unrealistic, mandated, etc
- The early date does help us to make decisions now and to move more quickly. 2050 was too far out to motivate. Even if it was unrealistic, it helps push the energy
- When does the point of counter-productivity come in?
 - a. What happens if we get half way there by 2025?
 - b. Will this create a let down
 - c. Psychological response
- We could do everything we can to reduce our energy use through energy efficiency and cut emissions in half or we could by offsets for \$80k a year (debate on accuracy of this number) and call ourselves carbon neutral.
 - Offsets this cheap will likely raise issues for students
 - Some students generally have concerns about offsets
 - Energy efficiency projects make more sense for students. Even students concerned about budget are excited about investing in something with these short paybacks
- There is so much hostility against climate change, this goals shows leadership
- How would you like to see this model updated?
 - Keep the model but show three graphs: Currently Funded, what UCSB could do and what we assume UCOP can cover
 - Let's not sure it publically yet

Other announcements

- Regents meeting last week, and they discussed presidential initiatives budget cuts, a GFI meeting we were planning got immediately cancelled. May see cancelations to CNI funded projects. We won't know about funding cuts to CNI and GFI fellowship program until May
- Regents don't like that president has money set aside for 14 indicatives and want to see less spending on these.
- We may also see a huge restructuring of OP operations and massive budget cuts.
- Consultant reports have fundamental problem.

No committee reports (ran out of time)

Committee Check-Ins (11:05 -11:30)

- a) Academic Senate Sustainability Work Group – Katie Maynard*
- b) ECOalition – Maribel Sandoval
- c) Energy & Climate – David Lea
- d) Food - Katie Maynard

- e) Landscape – Bruce Tiffney
- f) Procurement – Sangwon Suh
 - a. UCSC Summit
- g) Transportation – Mo Lovegreen*
- h) Waste – Rena Lahn*
- i) Water – Brit Ortiz*