

Chancellor's Sustainability Committee Meeting Agenda
Thursday Apr 13th 3:00-4:30
Ellison Hall, room 5824

Attendance: Bruce Tiffney (Co-Chair), Mo Lovegreen (Consultant), Henning, Mark Brzezinski, Roland Geyer, Nicolas Pascal, David Lea, Jacob Godfrey (Advisor), Bill Shelor (Advisor), Renee Bahl (Co-Chair)

Absent Committee Members: Brit Ortiz, Igor Mezic, Alan Heeger, Daniel Bernal Otero, Denise Stephens, Ken Hiltner, Constance Penley, Mel Manalis, Alex Regan, David Austin, Marc Fisher, Natalie Burrous, Rachel Segalman

Other Attendance: Kiya Gornik, Andrew Riley, Katie Maynard, Colleen McCamy, Heather Perry, Matt O'Carroll, Jordan Sager, Jewel Snavely, Matt StClair, Hilary Bekman, Mark Rousseau

Announcements (3:10-3:12):

- a) Call for CNI and GFI fellows – Just heard that we got funding for another round of the GFI and CNI fellowship program. Applications are due on Monday and will be approved by SWG.

Updates (3:12 – 3:17):

- a) Bike Share – Mo Lovegreen
 - a. The City of Santa Barbara is ready to move forward in partnership with UCSB on the RFP process for a BikeShare in the downtown area and at UCSB. The Sustainable transportation subcommittee is going to start drafting RFP language.
- b) CAP Update – The CAP is up with the Chancellor and we are just waiting for his approval.
- c) Solar Photos – Jordan Sager showed some great photos of the solar coming online along with a figure of energy use and solar production that illustrated how solar shaves off peak energy demand.

Minutes (3:17-3:20):

- a) Approve meeting min. from March – Bruce – approved.

Presentations and discussion (3:20-4:20):

- a) UCOP sustainability - Matt StClair

News:

- 80 MW solar project coming online soon, 60MW already came online and is available to direct access campuses. Davis is taking 25% of project and they aren't part of direct access, so there may be a mechanism for UCSB to secure some of this energy. UC Davis isn't directly buying power instead they are buying the RECs. Next step is to explore this with other campuses.
- Our Energy service unit will be 100% green in 2017 (zero carbon). We have already secured a contract for bio-methane that will cover 10% of the UC's gas demand.

- We have also put out an RFP for additional bio-methane projects to get us up to 50%, but there is a pretty significant premium.
- Green labs operations policy is currently being reviewed.
- Relaunched the system wide sustainable procurement group that had gone dormant, now all sections of the sustainable practices policy have an active working group.
- STARS platinum and the CNI initiative were selected as strategic planning goals. We will be starting a GAP analysis system-wide this summer.
- CHESC is going to be hosted by UCSB this summer and UCSB may in the future host every year. It is a lot easier to have consistency with the campus host.

Student engagement

- We just announced that the fellowship program will be continuation. UCOP is also providing funding for a train the trainer student leadership program that is based on the student leadership program at UCI.
- Faculty Engagement and Education
- Climate solutions system-wide online course
- Climate & sustainability education resource Library
- UC-CSU Knowledge Action Network:
 - o For transformative climate & sustainability education & action.
- Sustainability Education Summit (k-12) ---- How can we support scaling up climate education in K-12 to talk about how we can accelerate k-12 climate literacy.

Applied research

- Tomkat projects (natural gas exit; communications)
- Bending the curve report published
- Battery storage workshop and study group - organized by LBNL
- EV infrastructure and employee rebates - Last GCLC meeting members were pushing hard to include commuting emissions in the initiative.
- Working to organize a Micro-grid workshop
- UCOP is about to issue a call for funding proposals. This year funding will be very limited and it will only focus on scope 1 and 2. Proposals need to be submitted through one of the working groups.
- UCSF is evaluating CCA option for their campus.
- Draft Task force Report – Overcoming Barriers to Carbon Neutrality
 - o Came out of GCLC research group from one faculty that proposed an internal carbon tax, they decided that they needed to dive into barriers first, because if not addressed a tax wouldn't help us get to this goal.
 - o Task force started meeting last summer and has recently released a draft report.

Major recommendations of the Overcoming Barriers to Carbon Neutrality Report

- Integrate purchased utilities and carbon management as a stand-alone financial unit. – Projects that save money will then be able to offset projects that are more costly.
- Implement internal carbon charges – phased recommendation and most controversial. This isn't a system-wide mandate, we are hoping that one or two campuses will pilot this.
- Develop comprehensive finance plan
- Improve staffing for energy efficiency programs -
- New buildings – These recommendations are currently still under development. UCOP is convening campus architects and capital planning on May 1st to come up with consensus language.
 - Prioritizing net zero or requiring net zero.
 - Strengthening design standards
 - LCCA
- Recommendations will go to the EVC and President in June.

Discussion:

- There was a strong statement by students about not supporting the initiative unless student needs were met.
 - There is a lot of student support within the initiative on our campus. Haley is working with student on every campus and students are the one that got UC to commit to carbon neutrality. Students have struggled how to fit into implementation. Student resolutions for 100% renewable energy reminds us that students care.
 - One of the short comings of the initiative, is that most campuses understand climate change a problem with a technological solution. There is a lack of understanding within the framework of social justice.
- On campus carbon tax: does it address the disconnection with who pays the bills and who uses the energy?
 - What is recommended within the report is that it should be done on the campus wide level and not at department level. It is just too complex to do at department level.
 - From an economist's perspective, the key benefit of a carbon tax is that it provides incentives to save energy. For this to work, the tax must be imposed at a level at which decisions about energy use are made. The tax proposed here is at a too high level to affect incentives and should not be called a carbon tax. Attaching this label to a mere revenue raiser threatens to discredit a good idea.

Waste taskforce Update – Hilary

- Met here at UCSB to discuss the outcomes of system wide zero waste plan and deciding what the priority recommendations should be. We agreed to system wide changes to the zero waste policy – recommending that we

change the compliance threshold from 95% to 90% (corporate standard). Also want to look at using other alternative metrics to diversion because as you reduce your waste stream, it makes it harder to reduce your diversion rate. The task force decided to work on the following:

- Data management and feedback loop
- Surplus stores
- Sorting and organic waste separation
- Zero waste cert for buildings
- Getting dining commons to zero waste.

b) Water Action Plan – Matt O’Carroll

Water action plans that address the UCOP policy update are due in August.

Policy Potable water updates – 36% growth adjusted reduction by 2025 from UCOP baseline (FY 05/06 – FY 07/08). We are pursuing the following strategies for achieving this goal:

- Eliminate underutilized turf areas – potable targeted first and then long and skinny lawns with no inherent benefit, we would then mulch the areas –
- Potable to recycled water turf conversion
- Cooling towers, looking at recycled water as makeup water in bio 2 and makeup water at CNSI. Have to soften recycled water and the tanks would have to be exchanged twice a day.
- Eliminate single pass cooling systems

c) Campus Corp’s 100% RE goal – Haley Nieh

Climate Reality was started by Al Gore as NGO. The goal of the NGO is to encourage heads of schools to go to 100% renewable by 2030. There are 23 campus corps across the nation and more internationally. These are passionate committed students that want to see leadership and discussion.

80% of students we talked to said sustainability was a huge reason for them choosing our campus.

Goal is to get chancellor to sign a commitment by the end of this quarter. Right now we gave a resolution in A.S. and we are national partners with CALPIRG.