

Chancellor's Sustainability Committee Meeting Minutes
Wednesday, May 15th 9:00 - 10:30
Ellison 5824

Introductions (9:00 - 9:02)

Attendance: Renee Bahl (Co-Chair), Derek Musashe, Jewel Persad (staff), David Lea (Co-Chair), Henning Bohn, Jem Unger, Eric McFarland, Garry Mac Pherson, Mo Lovegreen (advisor), Britt Ortiz, Mark Brzezinski, Hunter Lenihan, Kristin Antelman, Kirby Bartlett

Absent Committee Members: Igor Mezic (advisor), Alan Heeger (advisor), Kristin Antelman, Ken Hiltner, Quinn Lyon, Sangwon Suh, Bill Shelor (Advisor), Roland Geyer, Janet Walker, Jacob Godfrey (advisor), Dennis Whelan,

Other Attendance: Katie Maynard, Heather Perry, Matthew O'Carroll, Jessie Schmitt, Amorette Getty, Matthew St.Clair. Sapna Thottathil

Announcements (9:02 – 9:03):

- a) CycleMAYnia & #Movewithheart events – Katie
 - UC Santa Barbara's Seaside Cycling Celebration - 7:00 -9:00 am Thursday, May 16, 2019
 - Electric Bicycle Learn-at-Lunch with FREE electric bicycle test rides 12:05-12:55 pm Thursday, May 16, 2019
 - Team Bicycle Challenge runs the entire month of May... Teams of 8 people who ride bicycles, for more than recreation, during the month of May are now forming online.

Update (9:03 - 9:09)

- a) Offset RFI - Jewel Persad & Katie Maynard
 - Projects considering a submittal:
 - i. Light up the World w/Dr. Bowers
 - ii. Solar Cook Stoves w/Dr. Suh
 - iii. Carbon Farming w/ Dr. Schimel, Dr. King, CEC, and Gaviota Coast Conservancy (may also include Dr. Stratton)
 - iv. Annual to Perennial Grasslands w/ Dr. Stratton and Dr. King
 - v. Methane Capture of Pig Farm Manure w/Jewel Persad Katie Maynard, and Elizabeth Szulc
 - Proposals Due May 31st, 2019
 - Aug 30th –expanded proposals are due
- b) 2019/2020 GFI and CNI Fellowship program - Katie Maynard
 - Fellowship program for 2019/2020 has been announced, UCOP will be funding one engagement fellow and 2 project fellows for each GFI and CNI.
 - CNI Project Ideas (Only 2 will be selected in the end, however no decision

is needed at this time)

- i. Carbon Offsets and Sequestration Projects
- ii. Develop a Draft of a Transportation Plan
- iii. Explore Barriers and Opportunities for Building Electrification at UCSB – Note: building electrification plans are already in the works so there may not be much an intern can do.
- iv. CNI offset projects
- v. Draft trans plan
- vi. Choose your own adventure!

c) Green Labs Action Plan feedback from the Academic Senate - Katie Maynard
Feedback:

- How does this plan also fit within the larger budget at UCSB? CPB
- LabRATS is supported by external grants. Perhaps UCSB can also invest additional money in the program? CPB, GC said something similar
- Is the goal of this report to try to acquire more funding? GC
 - i. The approach was to focus on low to no cost items. Based on the feedback from the Senate, we are thinking, maybe we should be asking for some funding.
- How do these projects interact with UCSB's deferred maintenance obligations? GC
- What will be the impact on overhead for research grants? CRPP
- Could we aim for all major equipment purchases to be supported by campus funds that cover the difference between the 'energy saver' model and the model the lab would otherwise buy? CPB

Next steps:

- Labrats will work on a response letter but will need to bring some items back to the CSC for feedback.

Comments:

- "This is typical senate feedback. We usually have a lot of ideas and you don't need to respond to each one. This is food for thought." – Henning Bohn

Minutes (9:09-9:10):

A. Approve Meeting Min. from April - Renee Bahl – Approved

Presentation and Discussion (9:10 – 9:45):

A. UCOP Sustainability - Matt St. Clair

Complete Slide deck can be viewed [here](#)

- Cool Campus Challenge – The challenge just wrapped up and it was a huge success. We had 19,000 participants in 2015 for a 10 week competition, in 2019 we had 22,000 participants in a 4 week competition.
- Fossil Fuel Divestment – enough Senates have passed a resolution to divest from fossil fuels that the issue is now going to the full system wide Academic Senate.
- Academic Senate Engagement in CNI - Matt St.Clair gave an update to the UC Academic Senate last week on CNI. The Senate is putting

- together a letter to show more visible support for CNI
- Offset RFI – deadline is approaching to submit potential research projects that could feed into CNI offset projects.
- Glyphosate Legal Risk Concern – The UC President just announced a temporary ban on Glyphosate starting in June. There are a few exemptions included in the ban for specific areas. Glyphosate poses a big legal risk for the UC system. There have been several law suit, including a grounds worker on a UC campus.
- CNI Implementation – two options for electricity procurement
 - i. Direct Access: We have a good lottery positions, UCSB and UCSF are the likely beneficiaries of DA reopening in 2019/2020.
 - ii. Electric procurement RFP - we can buy renewable power for campuses that are not on direct access. We just got bids back from 19 developers on a RE RFP.
- Direct access questions/comments:
 - i. How does direct access work with SCE owning the utility line? You are still paying for transmission but are procuring wholesale energy.
 - ii. UCSB is in a location with very few transition lines so we are relying heavily on SCE maintaining and updating the transmission lines.
- CNI implications - Clean Energy Optimization Pilot
 - i. Just got approval from CPUC for a new pilot program that is performance based. \$20M of cap and trade funding dedicated to UC/CSU campuses in SCE territory for GHG reduction. 2 UC campuses, 2 UC med centers and 2 CSU campuses
 - ii. Under SEP campuses got credit for energy efficiency, but this changes everything. It is a carbon based program which incentives fuel switching and natural gas reductions. It is also first come first serve. The more funding you apply for and use the more you can get. Since it is performance based anything behind the meter counts. It is a 4 year pilot.
- Cal Test-bed Grant:
 - i. UC's partnership with CalCEF (California Clean Energy Fund) won an \$11 million grant from the California Energy Commission (CEC)
 - ii. Currently working to finalize the contract with the CEC
 - iii. The CalTestBed program will provide vouchers to California's clean energy entrepreneurs for redemption at any of 28+ energy testing and certification facilities currently operating within the UC system, including UCSB facilities like the CNSI Technology Incubator
- Sustainability Policy News
 - i. Electric Building policy is now in effect for all new buildings
 - ii. Scope 1 emissions formal assessment to evaluate alternatives (proposed policy update) – even if we find good offsets, we don't want to rely on them in perpetuity
 - iii. P3 and sustainability – we are having to turn more to P3 projects because of budget constraints, policy doesn't specific how P3 projects will meet water and waste goals, so exploring that this year.
 - iv. Zero waste – nearly at 2020 so need to figure out what is next.
 - v. Food service policy – 2020 goal has been met so we are in the process of decided what our goal for 2030 should be.
 - vi. Forming a task force to better integrate diversity, equity and

- inclusion into our sustainability policy.
- CNI Funded projects (about \$1 Million a year in funding)
 - i. Campus Carbon Emissions Dashboards
 - ii. Design Standards for Future Climate
 - iii. Cool Wall Retrofits
 - iv. Efficiency Toolkits for Small Buildings
 - v. Student Fellowship Program (with GFI)
 - vi. Student Leadership Training (Train the Trainer)
 - vii. Scale up UCLA's Air Travel Mitigation Project
 - viii. Carbon Neutral Fleet Planning
 - ix. MRI Energy Efficiency
 - x. Healthcare Lighting
 - xi. Climate Solutions System-wide Online Course
 - xii. NXTerra Network and Website
 - xiii. CNI Course Module
 - xiv. K-12 Climate Literacy Summit
 - xv. Health Professional Schools Curriculum Workshops
 - xvi. Gas Quality Sensors
 - xvii. CA Collaborative for Climate Change Solutions
 - xviii. UC3 Affinity Groups
 - xix. Higher Education as an Agent of Change
 - xx. Policy to Advocacy: Carbon Pricing
- Ongoing/Completing CNI Projects
 - i. EV Uptake Study
 - ii. Putting Vacant Buildings to Sleep
 - iii. Scaling Up Participatory Thermal Sensing
 - iv. Landfill Methane Offset Research
 - v. Renewable Energy Storage Research
 - vi. Million Lamp Challenge
 - vii. Soil and Compost Offset Research

Action Item (9:45 – 9:55):

- a) Campus Sustainability Plan Vote – all

Mark motion, Renee second, all in favor.

Committee Updates (9:55 – 10:20):

- a) Waste - Kristin Antelman

Library waste audit and a composting pilot

- Conducted a 3 day waste audit on the 2nd floor of the library and found that 56% of total weight in landfill bins was compost.
- Next step on the project is to share the results with the Library staff and engage the facilities staff in the building.
- We identified 15 locations based on the audit and will be purchasing new bins. Once the bins have been installed, another waste audit will be conducted.

Discussion/questions:

- Are the plastics reflective of one or two categories? – Food plastics (3 through 7) are the primary source of non-recyclables in the Library waste

stream.

- Is the point is to reduce mass sent to the landfill? Yes, one of the last main areas is organics waste streams. Post-consumer composting is the biggest area we could improve.
- Are we looking at GHG emissions? The zero waste goals doesn't currently include GHG emissions but there is a definite need to update how we define zero waste.
- Does composting actually decrease emissions?
- We have a goal in the Sustainability policy to reduce overall waste which does address GHG emissions.

Student element of changes to recycling:

- Part of A.S recycling student employee's jobs are to educate people on how to sort waste, and now it isn't clear. We used to share outreach materials with the County but now they have different standards.
- It is hard knowing we aren't going to make the zero waste goal because we have to put so much more in the landfill then now.

b) Food - Hunter Lenihan

Successes and project updates:

- 9,130 lbs of fresh fruit gleaned by UCSB Food Cycling over three joint volunteer events with Food Forward
- Opened one new community garden and revived a second community garden in Isla Vista
- Edible Campus Program Student Farm opened in February 2019
- Kosher/Halal Food Pantry Program Pilot launched 5/14
- Food Security in Higher Education Forum on May 15th at SBCC
- Food cycling does on campus pick up from the campus stores (30 to 40 pounds a week). Also work with food forward to do fruit picking (that is where the 9,000 pounds come from)

Funding sources – Food security and basic needs, GFI fellows, HCN, Other efforts

- 15 Million Grant in the States revised budget.
 - UCSB should get \$750 K
- Announcement and call for proposals is out. Proposals will be reviewed by the food security task force.
- Money generated by over enrollment
- CalFresh program funding
- Johnson Ohana foundation

Food Security and Basic Needs Funding

- Pre-college outreach and preparation
- 1st year student experience
- CalFresh
- Basic Needs Skill Development
- Emergency Relief/Crisis Resolution
- Secure Housing for Housing Insecure Students
- Basic Needs Center
- Coordination
- Evaluation and Reporting

Healthy Beverage initiative - Launching through Healthy Campus Network,
Chaired locally by Vice Chancellor Michael Miller

- UCSB representation on statewide Healthy Beverage Initiative Committee,
Dr. David Cleveland
- The goal is to reduce (or eliminate) sugar sweetened beverage (SSB)
sales on campus
 - Currently 17% of beverages consumed at the Dining Commons and
53% of the bev. consumed at the Rec Center are sugar added
- There could be funding through this initiative for Hydration stations.

Retail and Residential Dining have recently (past year) begun reporting up
through one "Campus Dining" entity under the leadership of Jill Horst

Other Updates (10:20 – 10:30):