

**Chancellor's Sustainability Committee Meeting Notes**  
**Wednesday, November 7<sup>th</sup>, 2018 9:00 - 10:30**  
**Ellison 4824**

**Attendance:** Renee Bahl (Co-Chair), Derek Musashe, Dennis Whelan, Jewel Persad (staff), Nicolas Pascal, David Lea (co-Chair), Shivkumar Chandrasekaran, Janet Walker, Sangwon Suh, Kathryn Foster, Eric McFarland, Britt Ortiz, Kristin Antelman, Ken Hiltner, Mark Brzezinski, Jacob Godfrey (advisor),

**Absent Committee Members:** Roland Geyer, Igor Mezic (advisor), Alan Heeger (advisor), Bill Shelor (Advisor), Hunter Lenihan, Henning Bohn, Garry Mac Pherson, Mo Lovegreen (advisor)

**Other Attendance:** Jordan Sager, Katie Maynard, Amorette Getty, Sarah Siedschlag

Announcements (9:05-9:15):

- a) Save the Date for the California Higher Education Sustainability Conference (CHESC) July 9th-12th, 2019
- b) UC Human Resources has announced that the Healthy Campus Network (HCN) will be the implementation arm for their Health and Wellness Programs. The UC director of human resources plans on investing up to 2 million annually in HCN.
- c) Green lab purchasing award – UCOP, UCSD, and UCSB received an award for sustainable purchasing practices in laboratory purchases at the International Institute for Sustainable Laboratories (I2SL)

Updates (9:15 – 9:35):

- a) Draft Sustainability Plan (attached) – Jewel Forums:

- November 5th, 3:30 - 5:00 PM
- November 14th, 9:00 - 10:30 AM

Feedback due November 16<sup>th</sup>

- b) UCOP and UCSB offset Project Update – Katie Maynard  
UCOP will be announcing a request for information on potential internal carbon offset ideas. We should expect the announcement of RFI in early winter. Potential funding for projects is \$50,000/project.

Project Ideas that UC CNI Fellow, Elizabeth Szulc is looking into include:

- Switching from annual to perennial grasslands
- Biochar application on grasslands
- Wetland repair (where wetlands have been infilled)
- Carbon Farming
- Methane capture from pig farm waste
- DCOR LLC flare at Rincon
- Energy efficiency in low income housing (such as SB Housing Authority or People's Self Help Housing)
- Urban forestry

## Discussion

There was a discussion about third party verification requirements and some CSC members felt strongly that projects would need to be third party verified to be considered an offset.

Are we focusing on off or on campus? – Both

If we are offsetting within campus, and it is more expensive, it could be worth it, but if it is off campus and more expensive than the current market why invest in it?

During Winter Quarter we are going to have a forum to debate offsets.

### c) Global Climate Leadership Meeting Update – David Lea

David and Jewel attended a global climate leadership meeting at UCLA, the goal was to have each campus share their plans for how they will meet the Carbon Neutrality Goal.

Unlike our campus, the majority of most campuses emissions come from Natural gas (scope 1). The main take away from the meeting was that the UC system can actually save money and achieve the goal. The main mitigation strategies are reducing emissions through increased energy efficiency (EE), and procuring biogas. For our campus, the main strategy is EE and System wide Renewable Energy.

## Discussion

There was just a vote on system wide renewable energy procurement yesterday at the ESU meeting. The governing board gave the ESU permission to solicit proposals for energy projects that the campus can participate in.

Depending on the price, it could be cost neutrality. Another way to reduce the cost is to enter into contracts before 2025 and sell the environmental attributes until they are needed.

Minutes (9:35-9:37):

a) Approve Meeting Min. from October (attached)– Renee Bahl – Approved Presentations and Discussion (9:37-10:20):

a) CSC committee structure for 2018/2019

Here are the committees we have selected:

- Energy & Climate (2025 Goal) – David Lea & Derek Musashe
- Procurement (2020 Zero Waste Goal/2025 CNI) – Sangwon Suh
- Food (2025 GFI Goal) – Hunter Lenihan
- Sustainable Transportation (2025 CNI) – Mark Brzezinski, Ken Hiltner, and Roland Geyer
- Waste (2020 Goal)– Kristin Antelman

We have selected them based on the following criteria:

- Presidential Environmental Initiatives
- UCSB's 2007-2025 Strategic Academic Plan and Talloires Declaration

- Core UC Mission: Teaching, Research, and Public Service on a Broad Scale
- Living Lab
- STARS

The objective for today is to go through the goals for each committee and then get CSC members to sign up for one.

#### Energy and Climate

- UC System-wide is developing a program where campuses can buy into large renewable energy projects at the statewide level. Consider how UCSB might participate in that program
- Complete a feasibility study of local projects that could be certified as offsets
- Explore potential grant collaborations for battery and other kinds of energy storage on campus
- Explore potential funding opportunities for identified Energy Efficiency projects

Procurement - Two months ago there was sustainable practices policies on procurement for UCOP and our goals align with this.

- Recommend actions to help meet the 25% Green Spend goals for all product categories prior to the 3-year target date
- Recommend actions to help meet the 25% EaSR Spend goal prior to the 5-year target date
- Conduct education and training for department buyers and suppliers on sustainable procurement concepts and policies

#### Food

- Implement the Hunger Free Campus Initiative of the State of CA Legislature as defined by SB 85
- Support the transition from UC Global Food Initiative funding to other funding sources
- Launch and help complete the programming around the new student farm with stewardship of several key existing donors
- Partner on the expansion of CalFresh on campus to reach 6,000 students & expand to campus stores (brings in \$350,000 per month in benefits for students)

#### **Discussion on Food Security**

The idea that there is 10k of 20k students that are eligible for Cal fresh is pretty significant. How is food insecurity defined? The USDA defines very low food security as reduced food intake or disrupted eating patterns at times due to limited resources. Low food security is defined as reduced quality, variety or desirability of diet, with little or no indication of reduced food intake. The first survey given to UC students asked two separate questions to determine if students were very low or low but the last survey didn't distinguish. Is the survey based on just when they are

on campus? No, they are asked about the last 12 months.

### **Transportation**

- Help increase the total percentage of faculty and staff that use more sustainable commuting options
- Develop a Strategic Transportation Plan
- Help increase the % of low emissions vehicles on campus

The lion's share of emissions comes from flying and this will only grow as we continue to decrease scope 1 & 2 emissions. UCLA is piloting an Air Travel Carbon Offset Pilot Program. Duke and Delta are also working together on a program to provide offsets for faculty flying with Delta, a partnership we may want to consider for the UC's. As for commuter emissions, we need to disincentive parking while providing other solutions/alternatives.

### **Waste**

- Improve and expand education and outreach regarding UC 2020 Zero Waste Goal.
- Consider ways to reduce single use plastics on campus

With changing policies around recycling we will need to look at what materials we purchase.

Now that we have heard about the goals of each committee, what committees would members like to join?

- Eric McFarland and Sangwon Suh volunteered to join the Energy and Climate Committee.
- Janet Walker volunteered to join the waste committee

What have we decided on the issue of resiliency?

Not going to establish a stand-alone meeting on resiliency. It will be a priority of all committees as we look at projects and how we allocate resources. For example energy storage is a great opportunity to improve resiliency.

b) MTD Zero Emissions Bus goal (letter attached) - Mo Lovegreen  
Motion to sign the letter on behalf of the CSC was approved given that government relations gives it the okay and we modify slightly to indicate that we support the goal just as long as it doesn't impact service.

Committee Updates (10:20 – 10:30)

- a) Academic Senate Sustainability Work Group – Katie Maynard  
Working on an IV city year partnership proposal that will be presented to relative campus committees.
- b) Other Updates  
EAB is working on an Environment justice campaign