

**Chancellor's Sustainability Committee Meeting Agenda**  
**Friday May 5<sup>th</sup> 10:00-11:30**  
**Ellison Hall, room 5824**

**Attendance:** Bruce Tiffney (Co-Chair), Mo Lovegreen (Consultant), Henning Bohn, Mark Brzezinski, Nicolas Pascal, David Lea, Jacob Godfrey (Advisor), Renee Bahl (Co-Chair), David Austin, Marc Fisher, Ken Hiltner, Alex Regan, Brit Ortiz, Constance Penley

**Absent Committee Members:** Igor Mezic (advisor), Alan Heeger (advisor), Daniel Bernal Otero, Mel Manalis, Natalie Burrous, Rachel Segalman, Bill Shelor (Advisor), Roland Geyer

**Other Attendance:** Kiya Gornik, Katie Maynard, Heather Perry, Matt O'Carroll, Jordan Sager, Jewel Snavely, Mark Rousseau, Danielle Kemp, Danielle Kemp, Brian Graham, Charlie Diamon, Evan Ritzinger, Lydia Rudnick, Dawnielle Tellez, Emily Waddington

Announcements (10:05-10:08):

- a) Divestment campaign – The students are asking for a commitment to divest from fossil fuels over time (policy). Not asking for anything that could impact research funding, but are asking that the UC divestment Mutual funds and general UC funds, and campus foundation funds.
- b) 2017/2018 CSC subcommittee structure – Bruce & Renee  
Over time some of our subcommittees have lost membership from the committee at large. We will be sending out requests asking that each subcommittee have one member on it that serves as a co-chair. We ask that each of you volunteer to be a co-chair and select a committee to serve on. Would there be serious objections to serve on one of the subcommittees? Henning was the only one that expressed an objection, since he is already over committed.
- a) CHESC – If you are interested in attending CHESC, we have matching funding to support faculty and staff attendance.

Updates (10:08-10:13):

- c) UC Carbon Neutrality and New Buildings Workshop - Marc  
Campus Architects, the budget office, and folks from facilities met on Monday to discuss carbon neutral building policy recommendations that will run through the system wide Green Building working group, before it goes to the Sustainable steering committee for a formal vote in September. Some of the policy recommendations the group is looking at, include making LCCA a component of the design process, and Net Zero buildings. This may be a staggered process that starts with housing.

Minutes (10:13-10:15):

- a) Approve meeting min. from April – Bruce – Approved

Presentations and discussion (10:15-11:20):

- a) Bren Group Project Presentation (30 min) – Bren Group  
The Carbon Zero group project built on the work of the previous group, Carbnewt and their client was David Auston. The group focused on three main objectives, prioritization of solar sites, strategic communications & engagement, and financial tools & strategies.

Solar – The group received Lidar data from facilities and we used that along with site characteristics to prioritize sites for solar. The top three sites are student affairs buildings.

Communications and engagement – The group looked at systems thinking and targeted strategic approaches to engaging students. One of the key challenges with this initiative is ownership. Sustainability at UCSB is driven by bottom up efforts however this is a top down initiative. “Any good change on campus is student led.” The group’s goals – how do we recognize top down edict with bottom up nature of campus.

Carbon Zero held several focus groups and conducted a campus wide survey to identify attitudes, perceived challenges, barriers, and potential solutions. They found that students are interested in solar, energy efficiency, divestment, green building, and transportation. Neither transportation nor divestment are currently a part of the initiative. They also found that students prefer informal forms of engagement such as social media, email, and peer to peer communications. Students also expressed interest in seeing more data and visualization of energy use. Students are also interested in gaining more hands on experience. They found that students are more likely to sign a petition and least likely to serve on a committee.

Finance – Over the last few years investments in energy efficiency have declined significantly. Carb Zero looked at the revolving fund model proposed by the last group project to fund new energy efficiency projects. They took the projects identified in Jordan’s five year energy efficiency goals plus projects identified by the last Bren group project and found that \$6 million in seed funding could generate \$2 million in annual savings which could facilitate \$25 million in investment. Forecasted BAU utility budget would exceed existing budget, however with investments in energy efficiency, we would drop below the current budget.

Recommendations:

- Leverage students input to engage with students, incorporate climate action plan into LRDP and strategic planning, and engage students in research.
- Capitalize on all available resources by Instituting UCRF. Other UC’s have done this.

Comments and Discussion:

- Bruce and Renee have made a proposal to use the fund, it is currently being considered by budget and planning, it will go out for wider campus review once approved by the budget office.
- How do you get from 6 million to 24 million? Generate increased utility savings year over year which generates more savings to fund more utility savings. Investment is greater than the fund because investment includes the savings.

b) UCSB Housing, Dining & Auxiliary Enterprises (HDAE) Presentation (30 min) – Danielle, Mark, and Brian –

Dining - Dining includes 4 residential dining commons, special events catering, the club, and markets. They are all self-operated producing 2.7 million meals annually. HDAE currently provides 5746 meal plans for on campus residents, 3,441 off campus meal plans, and employees 192 career employees.

UCOP sustainable food goals:

- Reached the UC 20% sustainable food by 2020 goal several years ago, HDAE is now at around 30%. They purchase cage free eggs, grass fed beef, sustainable seafood, local

olive oil and honey, and sustainable produce. Last year they purchased 50% sustainable produce, most from within 150 miles of campus, and some within 250 miles. Produce purchases are mainly made through the Berry Man and Harvest Santa Barbara. Harvest picks up from local Santa Barbara.

- Education and outreach: During the month of October HDAE celebrates sustainable week, education week is in March, and we also have nutrition week. Two interns are tracking sustainable produce numbers and are also looking at Menus of Change.
- Sustainable highlights – compost 100% of pre and post-consumer food. We cook from scratch to control food waste, have trayless dining, and recycle cooking oil, bio deco makes it into bio desal.

Housing – Housing dining and aux enterprises is the size of a small city with 10,000 Residents.

#### Sustainability Highlights:

- Recycled water extension – north site of Santa Rosa
- Green gators – ergonomics savings and helped expand green waste on campus. HDAE has also switched to electric vehicles for haling.
- Electric vehicles – housing just purchased 4 used leafs. Housing also has 13 CNG trucks, great transition fuel.
- Efficient boilers - Had to replace 3 efficient boilers in less than five years due to hard water. They are now softening the water first.
- Green Building:
  - Gold Certified - San Clemente, Santa Rosa (2012), Anacapa (2013), and Santa Cruz (2014). The Santa Cruz renovation won a green award and the electrical use in the building dropped 30% after the renovation. LEED Platinum - Sierra Madre, and Portola dining commons might get LEED platinum.

#### c) Central Stores update (5 min) – Matt O’Carroll and Heather Perry

Anyone can purchase goods at Surplus sales on Tuesdays and Thursdays from 1 – 4:30 PM. There are several issues with surplus stores, it is very unorganized, there isn’t much labeling or shelving and most stuff is just piled into bins. Two for credit interns were hired to inventory items coming in, before this no data was collected on what was coming in, how long it stayed, and what it sold for.

Potential opportunity – Items are sold for over half of the market value or not sold at all. There is a huge potential to drastically increase sales.

Challenges – no dedicated staff, surplus sales only accepts cash, departments don’t track equipment, only advertise to public surplus, and there are policy barriers with donations.

Best Practice – Surplus sales at UCSD generate \$2 million in sales annually and give back \$1.5 Million to departments, the rest is used to run surplus sales. They also have free pickup. A lot of departments on campus don’t want to pay for pickup, as a result we have a lot of waste sitting in the halls of our buildings.

#### Committee Reports (11:20 -11:30)

##### a) Transportation – Mo Lovegreen

- b) Food - Katie Maynard
- c) Water – Matt O’Carroll
- d) Waste – Matt O’Carroll
- e) Energy & Climate – Jordan
- f) Coordination of Presidential Initiatives – David Auston
- g) Academic Senate Sustainability Work Group – Katie Maynard
- h) ECOalition – Shelby\*

We had a Town hall several weeks ago where we heard from CalPIRG on their fracking campaign, we also heard from fossil free, my children’s trees, and students on their basic needs demands. The next town hall is on May 16th.