



Chancellor's Campus Sustainability Committee  
Friday, April 1, 2011  
1:30-3:00 pm  
Chancellor's Conference Room: Cheadle 5123



### Agenda

1. Minutes – see backside (Bruce)
2. Announcements
  - a. Fundraising Update (Gary Greinki / Victoria Wing)
  - b. Subcommittees' progress updates
    - i. Alternative Transportation Subcommittee: update (Bruce)
    - ii. Alternative Energy Subcommittee: Energy Goals (Ron)
    - iii. Water Subcommittee: TGIF proposals, gray water, cooling towers (Mo & Grant)
    - iv. Communication: website (Grant)
  - c. 2012 student referendum for compostable disposable products and forming a Subcommittee on Food (Mo and Steffen)
  - d. SB Community Sustainability Event - planning update (Ron)
  - e. Status of sustainability policies (Meta Clow)
  - f. Update on LRDP (Marc Fisher)
  - g. Survey update (Grant)
  - h. The League of American Bicyclists recognized UCSB with GOLD Level recognition in the newly created Bicycle Friendly University Award for 2011 (out of 32 applicants, only 2 received Gold and 1 received Platinum) (Grant)
  - i. Environmental Justice Policy (Evanne St. Charles)
  - j. Santa Barbara County Green Business Certification Program recognized Coral Tree Café and Courtyard Café
  - k. UCSB's Response to DOT's NOP of EIR for Railway Extension
3. Presentation
  - a. Proposed ICA Aquatics Facility (Blackbird Architects) 2 pm
4. Discussion
  - a. Optimal Spring meeting schedule: Wednesday afternoons?
5. Action
6. Suggestions/ Feedback

## 2/18/11 CSC Minutes

1. Sustainable University Now (SUN) Update
  - a. The CSC has submitted its response, feedback, and proposed revisions to the SUN document to Executive Vice Chancellor Gene Lucas. At present, the CSC has no further role in crafting the SUN document or participating in negotiations.
2. Budget Update
  - a. The sustainability budget is on the list of projects that the campus' budget is currently incapable of funding. It is one of many issues that the campus is addressing as it deals with budget shortfalls and uncertainty about future funds. The budget shortfall is estimated at \$66m for UCSB.
3. Subcommittees' progress updates
  - a. Alternative Energy Subcommittee:
    - i. Proposal to research the feasibility of renewable energy development at Tehachapi: The Chancellor and Mr. Dehlsen are working together on this project. There may be some delays on the Dehlsens' end regarding the use of their land. In order to avoid interfering with the Chancellor and Dehlsen's progress, the CSC will not actively pursue this project any further. However, the CSC will continue to watch this project closely and offer any assistance it can to the Chancellor and Mr. Dehlsen to facilitate the project.
    - ii. Coastal methane seepage meeting: Based upon currently-available information, this project is not financially feasible in the next decade. The capital costs of developing a capture device are too high relative to the amount of methane that could potentially be captured.
    - iii. NCPA meeting: The Northern California Power Agency allows its members to choose which energy sources produce their electricity. Ron Cortez, David McHale, Jordan Sager, and Grant Keefe met with Lompoc's utility manager and a representative from the NCPA to discuss their organization last month. UCOP and UCSB staff will be traveling to the NCPA headquarters in Roseville on March 8<sup>th</sup> to tour their facilities and learn more about the potential benefits that the NCPA could provide to UCSB as well as other UC campuses.
  - b. Water Subcommittee: the following projects will be applying for TGIF financing this year
    - i. Reclaimed irrigation extension to Psychology
    - ii. Central irrigation control system extension
    - iii. Sprinkler retrofit at West Campus Housing
    - iv. Aerators in 10 LEED Portfolio buildings (reducing the fixtures from 2.2 gallons per minute to .5 gpm)
    - v. Deionized water system runoff collection reservoir and pump at ESB – collecting RO process water before it goes down the drain and pumping it back into the building's industrial line
    - vi. Campus pool cover – half SEP funding, half TGIF funding; still trying to determine who will be responsible for putting the pool cover on at night and taking it off in the morning
  - c. Communication:
    - i. Brochure- Finishing the last round of revisions. The brochure will be ready for print in the end of February/ beginning of March.
    - ii. Website- Technical difficulties in determining: where the production environment of the site will be housed; the version of Drupal that the site will utilize; the site's long-term maintenance/technical support responsibilities; the site's architecture, graphic design, and programming. In short, the new sustainability website needs a lot of development before it is re-launched (estimated 3-6 months).
    - iii. Message Boards – The campus has eight sustainability message boards that are designated for use by the sustainability program and are currently underutilized. The boards currently contain some TGIF requests for proposals and some highlights about UCSB's sustainability efforts. The plan for the boards is to highlight the campus' sustainability projects graphically

to draw student, staff, and faculty attention to the campus' efforts. For example, a board may include the reclaimed irrigation map with a short explanation about the benefits of using reclaimed versus potable irrigation. If you have any suggestions for a project to highlight in the boards or if you have any high-resolution graphics that you would like displayed in the boards, please let Grant know.

4. Pacific Surfliner – commuting from Ventura to Santa Barbara
  - a. With \$25 million from Measure A, local officials are looking to partner with CalTrans and Amtrak to retime two Pacific Surfliner trains so that they arrive in Santa Barbara to accommodate a typical 8-5 workday
  - b. Rail line extension – Notice of Preparation of Environmental Impact Report by CA DOT
    - i. We are responding to the DOT's Notice of Preparation. Our response emphasizes the need for addressing the scheduling needs of commuters between Los Angeles and Santa Barbara to accommodate for a regular work schedule. The campus has asked to be informed about any updates that occur regarding this project and it's environmental impact statement.
    - ii. Dr. Kohn mentioned that Federal stimulus money for public transportation was likely the impetus for this project, and that money may no longer be available since the project was envisioned in 2008.
5. New MarBorg agreement
  - a. UCSB has reached a new agreement with MarBorg. The agreement requires MarBorg to service the campus using a natural gas vehicle, install subterranean green waste bins around campus, process all of the trash leaving campus at a local sorting facility for recyclables, compost all of UCSB's food waste, and continue paying UCSB for recyclables collected on campus.
  - b. Distribution of new commingled recycling bins – 88/110 new commingled recycling bins have been distributed throughout the campus. These bins will be serviced 5 nights/week by the Custodial staff. The bins are being distributed with a new sign system that will clearly distinguish landfill, recycling, or office pack rubbish bins from one another. The 4-holed recycling bins around campus (also called Berthas) will be re-signed to match the new system as well (holes for: landfill, office pack, recycling, and composting).
6. MSRB LEED EBOM Gold Certification
  - a. This is quite an achievement considering that MSRB received LEED NC Certification (the lowest LEED level) when it was constructed. One notable achievement: engineers were able to reduce energy use 44% after the building was occupied. UCSB continues to lead the UCs in LEED Certification and will strive to certify the 25 buildings in its LEED Portfolio by 2012.
7. SB Community Sustainability Event - planning updates
  - a. We have had one planning meeting with local government jurisdictions (Goleta, SB City, SB County, Carpinteria, CEC). We have also met with student environmental organizations to have them participate. We are planning on a half-day event for December 13<sup>th</sup> at Loma Pelona with a keynote speaker and workshop tracts.
8. Status of sustainability policies
  - a. We have received a number of comments from faculty and staff at-large. These range from support to concerns about whether particular aspects are realistic. We await comments from the Senate, Staff Assembly, Chancellor's Staff Advisory Committee, the GSA, the AS, and the Campus Planning Committee. After comments have been submitted, they will be compiled for discussion by the CSC. Pending the extent of the CSC's revisions of the policies, they will be redistributed to the campus community for further review.
9. The 2010 Transportation Mini Report was approved by the committee through electronic voting
10. 2011 Surveys update:
  - a. Transportation Survey – The survey is going through its final round of revisions by members of TAB, the CSC Subcommittee on Alternative Transportation, and campus planning officials to ensure that

the 2011 survey will provide the data necessary for: tracking the campus' GHG emissions from commuting, tracking the campus' use of alternative transportation, assessing the campus' progress in meeting the goals set forth by the SUN contract, and tracking the campus' compliance with the requirements set forth by the LRDP. The transportation survey is scheduled for launch on 4/5 with a reminder on 4/12 and an optional second reminder on 4/19.

- b. Sustainability Survey- The survey is going through its final round of revisions. In order to keep the survey at a reasonable length (and significantly increase the response rate), the survey will focus on students (graduates and undergraduates) this year and on faculty/staff next year. The sustainability survey is scheduled for launch on 4/6 with a reminder on 4/13 and an optional second reminder on 4/20. The transportation survey and sustainability survey will be distributed to different groups of people in order to avoid overburdening people with surveys.
- c. MSO/Green Awards Survey – The final version of the MSO/Green Awards Survey is currently being reviewed and will be distributed at the end of February or beginning of March.

### **2011 TGIF Proposals: Water**

**Proposal:** Aerator Retrofit Program

**Funding Request:** \$9,573

**Synopsis:** Retrofit the aerators in 14 campus buildings to reduce fixture flow; nearly 1 million gallons in estimated annual savings annually; two year estimated ROI

**Proposal:** Central Irrigation Control Extension

**Funding Request:** \$9,000

**Synopsis:** Extend the central irrigation control system to cover CNSI, LSB, the psychology building and the SRB for more efficient irrigating

**Proposal:** "Campus Pool" Pool Cover

**Funding Request:** \$23,150

**Synopsis:** Purchase a pool cover for the campus pool, helping UCSB to save energy, money, water, chlorine and other pool chemicals

**Proposal:** Extension of Campus Reclaimed Water Line to Psychology

**Funding Request:** \$10,050

**Synopsis:** Extend the reclaimed water irrigation line to serve the areas around the Psychology Building

**Proposal:** Store and Re-use the RO Process Water in the ESB Building

**Funding Request:** \$3,555

**Synopsis:** Re-route RO process water from drain to ESB industrial line through a reservoir to save at least half a million gallons of water annually

**Proposal:** Sprinkler Retrofit at West Campus Housing

**Funding Request:** \$4,500

**Synopsis:** Retrofit the current sprinkler infrastructure at the West Campus grounds with a more efficient nozzle that will save up to 30% of the potable water used for irrigation there