

Chancellor's Advisory Committee on Sustainability
Meeting 18 Minutes
Thursday , July 14, 2005
3-4:30 PM
2610 Channing Way, RSSP Berkeley Room, Berkeley, CA

Present:

Sasha Gennet, Lisa Bauer, John Rolle, Brooke Owange, Judy Chess, Jack Zimmerman, Joel Guenther, Christine Shaff, Chris Harvey, Jonathan Winters, Steve Maranzana, Karl Hans, Paul Black, Bob Newell, Matt St. Clair, David Lehrer , Ed Arens, Pedro Vieira, Arman Shehabi, Becca Jones.

Convened at 3:10 PM

Minute and agenda approval

Subcommittee reports:

- 1) Outreach- list serv for CACS members and friends, cal agenda now set up by Jonthan. Thank you. Seeds very popular. Presence at Calaplaoza? Outreach efforts to effect conservation on campus? Should have representation in back to school press release (not promised) or at least in hands of Public Relations. Website is great.
- 2) Green building clean energy(will be part of larger presentation)
- 3) BEAN/Greenfund- lots of folks haven't picked up their money from grant cycle. BEAN will have picnic on July 24th from 1:00 PM on South Park Drive in Tilden.
- 4) Procurement sub committee-Green campus is doing student work for any energy using devices. MRO and custodial coming up soon.
- 5) Assessment subcommittee- university of Rochester inquiry. Meeting in June: What is next? Maintaining the assessment, implementation of opportunities identified, staff process, looking for interns? Trying to track who uses the assessment and why.

Announcements:

Judy: ACWMA is considering granting \$ 60.00 for RSSP project ECEC and for internal commissioning. We did NOT get any money from the Chancellor through request made via Fac. Services.

Sasha: no money means that our proposal to chancellor must really be good, be appealing. Nominations- a few spots still open, faculty in particular.

Matt/Lisa: recap of conference, successes. Close to 500 attendees. UCB well presented. Green Campus interns got award. Other CACS at other UCs.

Presentations:

Energy Presentation- Paul Black, energy manager - Background on campus utility use. Paul discussed growth in campus vs. growth in energy usage, and growth in energy costs. Currently

running at about \$8 Mill deficit, due to energy cost increases. Conservation efforts include holiday curtailment, lighting retrofitting (T12 to T8 fluorescent and incandescent), technical controls, EMS for HVAC, some outreach, maintenance of steam traps and pipes. Discussed specific programs and projects (Moffitt library 63% drop in energy use from 1977, Kroeber incandescent switch out for 30% reduction).

Paul suggested to us that CACS might want to support energy awareness through campus-wide outreach. Both UCOP Green building/clean energy policy and Governor have supported energy conservation and a definite, measurable reduction in energy use. Example of outreach potential: University Hall conservation efforts: \$37K in 1 year.

Bob Newell convinced that cost avoidance can be very effective and should be “sold” to campus. Behavior Modification can be effective. Incentives can also be good. Perhaps turning some money back to the conserving buildings.

Volunteers to serve on Ad-hoc committee to develop energy conservation/behavior mod proposal for chancellor-Lisa, Brooke, Joel, Karl, Christine, Paul, Sasha, Ed Arens, Dave Lehrer. Bob Newell will facilitate and have it before next CACS meeting, on July 21, Thursday, from 3-4:30 in 390 Wurster.

Green Building Presentation- Ed Arens- Arpad, Pedro and Arman are involved in doing LCA, LEED credits qualification. LEED is not fully adequate for coastal climates w/ natural ventilation. Most all UCs are in coastal climates. Need to modify LEED to meet our climate needs. Also, LCA can look at intelligent long term cost to justify choice of products/equipment/building decisions.

Budget would be for two graduate students for 1 year. Possible help from Haas BS. Would look at quantifiable credits for LEED that we are not currently able to get because our situation is outside of LEED scope (multiple buildings, many labs, classrooms, etc).

Bob N: LCA is perhaps one of the most important things we could do.

Pedro-LCA could be used to look at a new building, such as CITRIS, do a study and come up with an analysis of the impact of the building after 1 year. The study can help identify areas where energy is wasted, so that better buildings can be built.

Sasha:

Three major areas where we could put our request to the chancellor:

LEED credit qualification

Life Cycle Analysis for a campus building

Energy conservation/behavior modification targeted outreach

Had hoped to vote at this meeting. We need to have proposals with financial implication/budget attached.

Send out proposals before next meeting to membership/friends

Next Meeting: Wednesday, August 24th, from 3:00-4:30 PM.