

UCSF Advisory Committee on Sustainability Meeting Minutes

Department of Medicine Conference Room S-226 and Mission Hall MH3200

10:30am – 12:00pm

December 1, 2016

Present: Terri O'Brien (co-chair), Anirvan Chatterjee, Dan Henroid, Jim Hine, Gail Lee, Seema Gandhi, Bill Tarangioli (for Bruce Lanyon of READ)

Support: Lujain Al-Saleh (fellow), Geramye Teeter (fellow), Lyandra Dias (coordinator)

On conference call: Lisa Cisneros, Arianne Teherani, Kenneth Laslavic (Academic Senate)

Guests: Adam Schnirel, Susan Bluestone, Erick Villalobos, Maric Munn (guest speakers)

Agenda	Action Items	Person Responsible	Due Date
Introductions	<ul style="list-style-type: none"> • Welcome to members and guests • Presentations are attached for each agenda topic 		
SSC Team Updates – Terri O'Brien	<ul style="list-style-type: none"> • Changes in leadership. Robert Stickney (for Terri) will serve as co-chair of the UACS until new permanent leader of Real Estate hired • Claire will be representing UCSF on the Energy Services Unit Governance Committee • Paul Jenny is representing UCSF on the system-wide Sustainability Steering Committee and the Global Climate Leadership Council (GCLC is the advisory group to the President) • Next GCLC committee meeting to be hosted at UCSF in the Spring and Terri will lead this event. 		
GCLC CNI Task Force Overview - Gail Lee	<ul style="list-style-type: none"> • Goal of the CNI Task Force is to evaluate options for implementation of projects that will help meet our 2025 neutrality goal • Strategies were presented to the GCLC and to the Council of Chancellors which were well received • Challenge area: all 10 campuses are growing and this growth in square footage would actually wipe out all the carbon neutrality efforts currently in place and result in the equivalent of a new UCR-size campus. <ul style="list-style-type: none"> ○ CNI Projects focus around deep energy efficiency projects- includes hiring energy mngt team with one manager per 1M sf • See slides for strategies for addressing carbon reductions from funding to new technologies. 		
Facilities Services Getting to Carbon Neutrality 2025 - Maric Munn	<ul style="list-style-type: none"> • Carbon Gap Analysis conducted by Gensler Consulting Group earlier this year and more detailed analysis by Maric Munn to be conducted a feasibility study. This will be presented to CCP (Committee on Capital Programs) in January. • Energy efficiency strategies <ul style="list-style-type: none"> ○ Lab improvements – SMART Labs program – Can save 25-30% energy. Most importantly, behavior change needed from lab users. ○ Deep HVAC improvements ○ Deep lighting improvements – occupant education on how to use controls. Have work to do with contractor and implement occupant outreach. • Central Plant Technology (all options in presentation pdf, some highlighted below) <ul style="list-style-type: none"> ○ Cogen Plant - ¼ of our carbon footprint is from cogeneration plant – Alternative: convert steam distribution system to hot water – intrusive, dig up campus grounds, high first costs ○ Alternative to CoGen: Electric Boiler – first costs are extremely high. At Parnassus we would have to get twice as much power from PG&E. Technical constraint in that PG&E would not have enough service for us • Next steps: <ul style="list-style-type: none"> ○ Flushing out central plant options. Consultant to report at the end of this month. ○ FS to request placeholder on energy efficiency projects in 10 year capital plan budget • Requested support from group for <ul style="list-style-type: none"> ○ Maric - support the final recommendations when presented for the 10 year capital plan ○ Jim – pushing the 'Last Mile Delivery' program as volume is presently low. Jim to share communication materials on the benefits of this program for group to disseminate 	Jim Hine	

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	<ul style="list-style-type: none"> ○ Lisa proposed that we share carbon strategy projects to the UCSF magazine for promotion 	Lisa Cisneros	
Zero Waste Adam & Susan	<ul style="list-style-type: none"> ● Goal: Zero Waste by 2020. UCSF 2015-2016 Diversion Rate is 74% ● UCI, UCR and UCLA incorporate waste-to-energy in their calculations <ul style="list-style-type: none"> ○ Waste to energy – SoCal doesn't have the same compost policies as NorCal. SoCal has been slow to site facilities for compost. Slowly coming around and once they have that option waste-to-energy won't be as appealing. ○ Big question: Should waste-to-energy be counted as diversion? Upcoming workshop to get expert opinions on waste-to energy technology ● Zero WG instituted a material processing program <ul style="list-style-type: none"> ○ 6 buildings throughout UCSF that have physical material processors. Not everywhere so more study needed. Good for holding different stakeholders accountable i.e. custodians ● Zero Waste Web-App: help people learn how to toss. Launching 2017. ● Working with consultant Kathryn Hyde to implement zero waste catering guidelines 		
Transportation Erick Villalobos	<ul style="list-style-type: none"> ● Commute survey 2016 highlights: <ul style="list-style-type: none"> ○ 5% increase in commuters from East Bay ○ Single occupant vehicle (SOV) dropped from 32% to 30%; 2% gain in the public transit ○ Roughly 10% reduction in GHG emissions since 2015 ● Transportation goal: to lower our SOV? ● By Summer 2017, almost all the fleet will be all electric <ul style="list-style-type: none"> ○ Zenith van – Zero Emissions – To replace Parnassus evening shuttles starting January 2017 ○ All electric shuttle buses beginning July 2017 ● Vanpool has fully transitioned to vRide ● New EV chargers: Installed at MB community center garage. Currently installing them at 3rd street garage. More to come. ● Lyft announcement to go out this December ● Launched beta version of mycommute.ucsf.edu <ul style="list-style-type: none"> ○ Will be able to track individual trips. Helps with multi-mode trips ● Questions from group: <ul style="list-style-type: none"> ○ Can we use Pcard for GHG tracking? Yes. ○ Is vRide on demand? Not yet, but looking into it. ○ How does the respondent location compare to where people are actually living? Accurate because linked to HR database. ○ How is transportation accounting for any skewed survey responses? Contracted with consultants to validate. 		
Next Meeting	March 16, 2017 and June 13, 2017.	Lyandra	