

Campus Sustainability Fund

Committee Meeting Agenda

January 27, 12014 - 3:30pm - Husky Union Building 307

Agenda		
Time	Item	Presenter
3:30pm	Approve 1/23 Minutes	Elizabeth
3:30pm	Approve 1/27 Agenda	Elizabeth
3:31pm	Discuss and Vote on Budget Subcommittee Findings	Elizabeth/Alissa/Kayla
3:40pm	UW Biodiesel Presentation	Rowdy Roddick & Lauren Alexander
3:55pm	Green Wall Presentation	Cayce James
4:10pm	UW Farm - Greenhouse Presentation	Sarah Geurkink & Sergey Lukin
4:25pm	Husky Green Awards	Claudia
4:30pm	Wrap Up, Adjourn	Elizabeth

- 1) Approve 1/23 Minutes—**APPROVED**
- 2) Approve 1/27 Agenda—**APPROVED**
- 3) Discuss and Vote on Budget Subcommittee Findings
 - a) Motion to approve FY14Option1 (large projects not 10% but 6.5% instead)
 - i) APPROVED
- 4) Form for feedback
 - a) Last year Chair Robin sent out google form to see how he was doing on his position
 - b) Elizabeth will send out a form today/tomorrow! Please do it!
- 5) Earth day planning
 - a) Last last Friday An meant to Green Tea Party
 - i) Updated each other, what need help with, etc
 - ii) Real Food Challenge, SAGE, etc
 - b) Week long list of activities for Earth Week
 - i) Restoration Event at a swamp
 - ii) Banquet in the works with Food Co-op and RFC
 - iii) Bigger and more collaboration
 - iv) Historically everyone did their own thing, so pulled people from different events
 - c) If you have any ideas?
 - i) We will be sent the Googledoc to see if we can help with anything
- 6) Class Presentations
 - a) Got in contact with 2 people, will do presentations soon!
 - b) For preparation of Round 2 LOI! YAYYYYY

- c) Anyone from American Water Resources Chapter?
 - i) No not yet! Chris will forward the email to An, to get in contact with them
 - ii) YAYYYYYYYY
- d) An will let us know if she needs help with anymore outreach!
- 7) Biodiesel Cooperative Presentation
 - a) To recall....Modified shipping container for use on UW campus
 - i) Working with capital projects, Mark Miller has been assigned to them
 - ii) College of engineering promised money for biodiesel reactor
 - iii) Will be given site from Facilities for a rent-free area
 - iv) HFS will give waste cooking oil from some of the dorms for free
 - v) Working with Mike Murray in Health and Safety Office
 - vi) SeQuential Pacific Biodiesel: will mentor to make sure their finished product is up to standard
 - b) Predicted outcomes
 - i) Will sell to: Sterling Luke for power washer on campus
 - (1) Motor Fleet after refinement of quality control
 - (2) Export model to other campuses/locations
 - ii) Get students excited about sustainability
 - c) Questions:
 - i) Already have reactor using right now, home made from water heater to retrofit it
 - (1) But determined not safe to run on campus from the vapors
 - ii) What will you do with old one once get a new one?
 - (1) Put in storage; can't run on campus so might try to find someone who will buy from "us"
 - iii) If other site on campus will use biodiesel, will it be expensive to retrofit them to run biodiesel?
 - (1) Yes. As it is now, most motor fleet vehicles run with 20% (B20) biodiesel. Want to have car that is just made by B100 biodiesel. Students can see it, that this loop is being closed, etc.
 - (a) Been offered to buy car specifically for this reason if quality control good
 - (b) If can get numbers on which cars can use,
 - (2) A lot of motors are able to run B100 biodiesel
 - (3) Can blend with petroleum to make it B20
 - iv) Do we use enough cooking oil to supply the fleet?
 - (1) 3000 gallons cooking oil per year
 - (2) Good for more than one vehicle
 - (3) But couldn't supply B100 for all vehicles
 - v) On reading proposal, was confused about what the current system with SeQuential Pacific? Who is paying who and who is getting money back?
 - (1) UW sells oil to SeQuential Pacific
 - (a) Other biodiesel-creating place, but more expensive elsewhere cheaper than other places
 - (2) SeQuential Pacific wants to help to educate UW people, while HFS likes because it stays here

- vi) What is the plan with the biodiesel?
 - (1) Will sell it to Sterling Luke, because can buy off of us
 - (a) But will reinvest money for getting quality biodiesel
 - (2) Otherwise, non-profit!
 - vii) Ongoing expenses? Utilities? Waste?
 - (1) Confident sustainable, and could pay everything!
 - viii) Did think to get letters of support?
 - (1) Have 6 of them!
 - ix) Whenever you talk to Josh of Transportation, make sure Christine Kenny, University landscape architect, is also talked to
 - (1) Have person in same office, wrong person
- 8) Greenwall
- a) Edible Green Screen (kiwi, hops); moveable squares
 - i) Hope to get solar panels to power water
 - ii) Really a test; have money from Green Seed Fund to watch
 - iii) Recall what they want to do: water level measuring device displaying the current water level in the cisterns; signage so that people walking by know what the cistern are
 - (1) More dynamic, interactive signage, with a QR code [two locations]
 - (2) Informational signage for everything
 - (3) Bird perches; enhance foraging and nesting opportunities
 - (a) Nest found embedded in it!
 - b) Questions
 - i) How are you going to lead people to the site to even educate them, because Gould Hall is rather off campus?
 - (1) One of the big signs will be against the bus stop area, lots of people waiting anyway
 - ii) What contact have you had with Facilities to making alterations to a building, for you don't have a project approval form?
 - (1) Building manager has been part of this
 - (2) Fully aware need to take this through campus architect, etc.
 - (a) Discussions under way
 - iii) Cost overruns?
 - (1) Way more hours when starting this before
 - (2) This case, more in control of it
 - (3) Lots of volunteer hours**
 - (4) Very economical—original project was 128 million
 - (a) Way over that in student hours
 - (5) Could either:
 - (a) Make everything a little less, so that have contingency
 - (b) Or give contingency, and if don't use, give back to CSF
 - (6) If get letter
 - iv) Got \$40,000 to Green Seed Fund recently, where did that money go and how will CSF help add to it?
 - (1) This is for monitoring

- (a) Did trial monitoring earlier: sensors behind wall in library, on green wall, bamboo pole to compare air temperatures
 - (i) Definitely helped change temperature, not sure about library
- (b) Install camera, at least see birds, but not sure about insects
- (c) Plants and tracking to see which ones are surviving and which are not
- (d) Computer control system to see how much water is being used to irrigate wall and how much it is saving
 - (i) Can anticipate how much cisterns holding, and can calculate how much taking out from storm water
- (e) Mutually beneficial—monitoring data to give to public, and water level stick good for seeing for sure how much

9) UW Farm

- a) Want money for greenhouse at Center of Horticulture
 - i) Working with facilities and grounds
 - ii) Place to grow starts in spring and summer (costs \$60/month for the space, ideally 5 months instead of the 2 they are doing now)
 - (1) Researchers purposefully stress plants, but that leads to pest problems
 - (2) Leggy starts...no climate control....
 - iii) Want to grow things in fall and winter, add to amount of food that is “hyperlocal” to fill a niche
 - (1) Extended food growing lowers UW carbon footprint
 - iv) Student involvement: all by students; interns; Engineers Without Borders
 - (1) Ribbon-cutting ceremony upon completion
 - (2) Part of tour
 - (3) Farm-education can continue in winter
 - v) 16’ by 50’ by 8’
 - (1) Mostly from scratch except heating and electricity systems
 - (2) Heating system closed: heat only roots, not entire greenhouse, with hot water through thin pipes
- b) Questions:
 - i) Lifespan of greenhouse?
 - (1) Depending on care, 10 years to even 30 years
 - (a) Temporary structure
 - (2) Asking for Greenhouse intern to establish these ways of care
 - (a) Intern for one season
 - ii) Budget: what is dirtwork?
 - (1) Bringing soil in, b/c CUH location is not that great of soil
 - iii) Budget: after adding up everything, was \$200 short...where did it go?
 - (1) Probably typo....
 - iv) Cost of electrical work is good, but who will pay for utilities?
 - (1) Included in budget, rough estimate from Howard
 - (2) Pay rent to CUH through service hours, and utilities would be included in rent
 - (3) Might need to pay for permit, if talking with Howard

- (a) Have 25% contingency
 - v) Failed design project on the Farm, with less than a third of a budget written up there, and it fell apart. Sunni says this is reasonable budget for what they are trying to do
- 10) Wrap up, Adjourn
- a) We are good to adjourn! Good questions guys!!