

Campus Sustainability Fund

Committee Meeting Agenda

Monday April 28, 2014 – 4:30pm – Husky Union Building 238

Agenda		
Time	Item	Presenter
4:30pm	Approve 4/21/14 Minutes	Elizabeth
4:31pm	Approve 4/28/14 Agenda	Elizabeth
4:32pm	Recap of Earth Day	An
4:34pm	Recap of SAF Presentation	Graham, Kayla, Chris, Elizabeth
4:40pm	SEFS Restoration Presentation	Project Lead
4:55pm	Yesler Swamp Presentation	Project Lead
5:10pm	UW Digital Apiary (Pollination Pavillion/Smart Sensors) Presentation	Project Lead
5:25pm	Wrap Up, Next Week's Agenda, Adjourn	Elizabeth

- 1) Approve 4/21/14 Minutes: APPROVED
- 2) Approve 4/28/14 Agenda: APPROVED
- 3) Recap of Earth Day
 - a) Got 82 community input sheets. Originally only had 25! Will be in contact with Byron (?) to see what he wants!
 - b) Less people than we anticipated at the Friday's event, but couple people from SAGE and Earth Club showed up
 - i) [I'm sorry I couldn't come!!! Something came up :()
 - c) We are the only club besides UW Solar on the UW Earth Day Facebook page
 - i) <https://www.facebook.com/media/set/?set=a.10152086038541274.1073741853.8829726273&type=1>
- 4) Recap of SAF Presentation
 - a) Restoration was nice to have right after, to say what we are doing right after
 - b) Overall went well! Intro, 35 minutes of questions!
 - i) Thank you to Claudia for being there to answer questions from the administration side!!
 - c) Asked if we could capture money from UW Solar and put that back in our budget? Intriguing thought.
 - d) Chris heard good feedback ☺
 - e) GOOD JOB TO THOSE WHO PRESENTED!!!! <3
 - f) We don't really know when we will hear back, but when anything it is heard, we will be told immediately! YAY!
- 5) SEFS Restoration Presentation
 - a) Re-looked at old proposal, talked with knowledgeable people, & classes who would love to use this space!

- b) Surface area that trees interact with organisms, dust/pollution in atmosphere, sequester carbon....
 - c) Different way to deal with trees in wild/forest vs urban area.
 - d) Have a tree planted on Earth Day on the 75th Anniversary of ??--yet so much garbage still around
 - e) "If it's functional, it's really beautiful."
 - f) Divided area into different sections to see what they can do about beauty and functionality...optimal tree care of the sites.
 - i) "Outdoor classroom" → nice to go outside and talk about it! Forest will teach us what we want to learn, and make classroom more "vivid"
 - g) Nurseries are going to donate plants; using logs from UW campus area. Local!
 - h) Getting \$8,880 donated!
 - i) Golden Age of tree care with technology, knowledge
 - i) Would be fantastic to have UW on board!
 - j) When was the last time a big storm hit UW? 2006! Kind of skipped UW campus, only one tree on Stevens Way fell down.
 - i) A big storm really reveals the mistakes. Very rare for tree to fall down. Usually due to huge amount of moisture in the soil leading to soil failure and tree falls.
 - k) Why do you need contractors for ivy?
 - i) More hand tools and such. Don't want to damage tree roots, buttress roots. Could damage bark and that could be an input for disease. Budget line was just for the estimated amount of time. If less, won't bill for it, and perhaps put the extra money to later things
 - l) We have lots of restoration projects going on, have you thought about training and having volunteers do it?
 - i) Population for native trees coming in, which are perfect for volunteers
 - ii) Area right around the base of the trees, where water would stay. Prepare this for the future!
 - iii) Everything else would be volunteer done
 - m) How do you see this work being maintained after this project is done, like 15-20 years in the future?
 - i) Lead would love to be a professor here, and he would love to use this as an on-going lab if hired
 - ii) Whole idea of using parts you prune off the tree as mulch is one of the things done in the wild for millions of years, but not in the urban areas...could stay put for five years, so as it breaks down, will exhaust ivy energy HA
 - iii) Three urban forest classes that will study this, and volunteer parties at least once a month
 - iv) Designed most to be self-sustaining. Once native understory is initiated, no further work should be needed.
 - v) As tree work is concerned, that would be something every decade, two decades that an arborist would come in
 - vi) If arborist program is being revived as we speak, this is PERFECT for that
- 6) Yesler Swamp Presentation

- a) Hope the Bird Blind to be an outdoor classroom. Educational signs for people just walking around
- b) Right now no where to just sit and observe
- c) Project split into two distinct parts:
 - i) First: site preparation, permitting process. Hopeful this project can be used as a senior project for one of the students involved (Tyler)
 - (1) When spring time rolls around, everything will be ready, they just have to put things in
- d) Mentioned goal is to be an outdoor classrooms. Will it be coordinated with a class with UW?
 - i) Center of Horticulture, Pottery/clay studio on the other side of U village, botany courses taught in the greenhouses there...faculty and students are there daily, lots of field trips, work with ESRM department, etc etc
- e) Have you contacted UW Bird Club? What was their response?
 - i) Some haven't even been there, so they are very excited with this project. Happy to contribute with some design ideas. So definitely have their support
- f) Biggest hurdle is the permitting process. Could you tell us more about that?
 - i) Budgeted that for ~\$10,000. Has to be a shoreline exemption. Hope to work out an agreement with them, to piggy back with them on the boardwalk permit, so will be using similar guidelines to make sure Bird Bind is up to code, don't cause too much harm
 - ii) Will pay for...administration fees to the offices....going off number given by Jerry and Fred Hoyt (who has led projects in the Arboretum). He thought it would be \$8000. Not even on a steep grade, and it was \$5000 to get through the permitting office
 - iii) Will work off of the boardwalk permit to see how they can attach themselves to it, learn from it, etc.
- 7) UW Digital Apiary (Pollination Pavillion/Smart Sensors) Presentation
 - a) Volunteers to be the "bee-keepers"—just said...but \$300 for maintenance?
 - b) Students can take on leadership roles, help with construction
 - i) Get students to build, help make the signage
 - ii) Students design the art
 - iii) Take raw data and use it for their senior projects
 - iv) Flier design ideas to get people ready for work parties
 - c) Mentioned the UW Bee Group a few times, who are they and what was their role?
 - i) Given feedback on their interests, would like to work with them
 - ii) Waiting to hear exactly what he wants to do. Involved with the fact checking, design, taking over maintenance.
 - iii) Already have hives, maybe relocate their hives/bees
 - iv) Would bring down their costs too if they collaborated
 - d) In terms of budget, technologically prepared with Make It Locally. How is that reflected in the budget in time donated?
 - i) Use of machines is donated.
 - ii) Helped start SmartCitizens in Barcelona, so personal connection

- e) How is data organized?
 - i) On website, smartcitizen.me on phone, if click on dots, can see information on the hives
 - ii) Gone through 2 sets of crowd funding, \$200,000 first time, \$100,000 second time
- f) Long run management and maintenance for this project?
 - i) For two sensors in hive it is undetermined, but Beekeepers Association would be willing to make sure they are running properly
 - (1) Been talking with the Bee Goup, so hope they will help maintain. Just haven't gotten a letter from them.
 - (a) Fail-safe is the Beekeepers Association, if someone on campus doesn't want to take it on
 - (b) Make It Locally will make sure everything runs smoothly for the next couple years
 - (c) Hopefully will have people trained, enough students involved to learn more about the kit themselves
 - ii) Those executed on campus, just set up device with WiFi, and you can just leave them on their own.
- 8) Wrap Up, Next Week's Agenda
 - a) Adjourn ~5:29 PM~