

Campus Sustainability Fund Committee Meeting Minutes

May 4, 2015 – 4:30pm, HUB 307

Attendees
CSF Committee: Graham Golbuff, An Huynh, Kayla Schick, Colin Butler, Carolyn Hartman, Connor Birkeland, Erin Sofinowski, Daimon Eklund, Lyndsey Cameron
Absent: Natalie Gray
Guests: Project Teams

Agenda	Time	Item	Presenter
1 min		Approve 4/20/15 Minutes, 4/27/15 Minutes, and 5/4/15 Agenda	Committee
15 min 4:30- 4:45		Project Presentation: Campus Wood Salvage	Project Team
15 min 4:45- 5:00		Review of “Understanding Pro-Environmental Behavior” Small Project Proposal	Committee
15 min 5:00- 5:15		Project Presentation: Floating Wetlands	Project Team
15 min 5:15- 5:30		Project Presentation: SER-UW Nursery	Project Team
2 min		Reminders, Wrap up, and Adjourn	Kayla

MOTION: Approve 4/20 and 4/27 minutes – **APPROVED**

PROJECT PRESENTATIONS

UW Salvage Wood Program

Presenter: Daniel Sorensen – Student Assistant: Integrated Pest Management and Sustainability Coordinator

- Addressing our questions from last proposal round
- Value of tree is lost when we remove tree from site – new program takes care of this problem

- Captures waste, reduces cost, support urban forestry, provides resources for faculty and students – story of a tree
- Needs to grow in order to offer more projects, process more wood, more indoor applications too
- \$2-3/board ft. which is half of what is available for students for education purposes, cannot offer for free because it's an asset to facilities services
- Asking for \$43,603 but there are ways to reduce cost – options for smaller hydraulic sawmills (can reduce cost to 10-20% if necessary)
- People: project got feedback from stakeholders -- John Martin from School of Art, CBE Student Council, Kimo Griggs, outreach efforts will continue to let people know wood is available
- Project won't grow without proper infrastructure, project will create a lasting impact because trees get repurposed

Q&A:

Offer at a reduced rates to students, incorporate into capital projects. Students do not take part in milling. There is still room for students to learning by witnessing milling process.

Could program fees be reduced? Talked to faculty who had access to wood, but there was a lot of bureaucracy and they don't have an answer.

Who would you be marketing to? To woodshop, School of Art, through point people who can outreach to students to show them what is available.

Where can equipment be stored? Plans for a leased, midterms storage, Facilities Services has room behind Lewis Hall. Portable hydraulic sawmill and solar kiln is portable too. More permanent site is down by UW Farm. This equipment does not exist right now.

What proportion of wood are you replacing from the University's demand? They can find that out for CSF – Ed McKinley

Small Project: Understanding Pro-Environment Behavior

- Project asking for \$700 to fund travel
- Alder Auditorium might be a smaller auditorium?
- Event is going to happen anyways.
- Funding travel is putting carbon into the atmosphere.
- All the outcomes will be the same if we fund/do not fund travel... more just like supporting \$700 for the event as a whole. More about the event than the component that we are funding.

- Can we ask them to have an offset event or choice that can support sustainability. Work party?

MOTION: Approve small project contingent on if they do not use it on food or travel. Funds will be to support the event in general. – **APPROVED**

Floating Wetlands Project Phase 1: Feasibility Study

Presenters: Kasia Keeley: GFL Manager and Nancy Rottle: GFL Director

- Operate by having a floating frame (durable, organic materials) + growing media + growing plants on top
- They are scalable to fit the needs of specific locations – UBNA
- Tinyurl.com/FloatingWetlandsSeattle
- Benefits they provide: shoreline protection, habitat, beautification, ecological awareness, water quality improvement, etc...
- How are they involved already? – Research in Redmond, WA – getting discussions going and prototypes in the water (islands)
- Research has already been started to learn how to create beneficial habitat for northwest species (juvenile salmon)
- Met with Seattle DPD, Fish & Wildlife, Dept. of Natural Resources
- More potential stakeholders: Dept. of Engineering, Real Estate, School of Aquatic and Fisheries
- Why UBNA? Some of its water is not DNR water.
- Funding will get more answers to see the best way to implement on UW Campus
- Employ 2 students over summer and fall to conduct feasibility study

Q&A

Can you elaborate on what funding for travel and mileage in budget would cover? Going to buy materials for prototypes / what it would take to go to meeting with permiters for example / travel to see other locations / renting vehicles to transport materials

Caution for recreational uses and uses around the site? Be cognizant of those pathways

How would project affect campus sustainability goals? Giving refuge to juvenile salmon but also predators. Gotten pushback from permitters because of this. Solution: partially submerged to stop larger predators from getting to smaller juvenile salmon.

Extensive body of literature on floating wetlands. How is this project new and what is being repeated in literature? Water quality = many known benefits, fish habitat =

lesser known impacts. Seattle environment pushes them to think about habitat for native/non native fish populations.

Ballpark for how much wetland would cost? What would Phase II would look like? Depends on durability. \$50-\$70,000 range for wetlands. Develop own prototype, and feasibility study would contribute to finding out this number.

Why UBNA and not developed shoreline? Wave action, backwater, pollution issues, a little more out of the way of salmon migration, more recreational traffic, out of the way of commercial traffic

Benefits to biofiltration: metrics? Baseline and post measurements taken? More GSF related than CSF.

Nursery Expansion: Society for Ecological Restoration

Presenters: Kelly Broadlick and Anna Carragee

- Nursery located by CUH, their space is by research grounds behind greenhouse
- Entirely student-run, 2 student managers and a lot of volunteers
- 50 students/quarter in their work
- Primary purpose: grow native plants for two main projects on campus (Kincaid Ravine + Whitman Walkway)
- They had their first plant sale. Sold to students, staff, faculty, neighbors, arboretum
- Asking for funding for hoophouse: materials, staffing and provide hands on service learning
- Worked with SEFS, ESRM, Botanic Gardens, Dept. of Biology, College of Built Environments
- Could provide native plants for projects like Malcolm Howard's rain garden (CSF small project) in the future

Q&A

What hoophouse model is best? Looked at 5 designs from two manufactures - providing as much space as possible AND price. Peaked and inflated roof is stable under snow (snow collapsed the one they have now). Passive heating and cooling features too. Not least expensive option but not too crazy either.

Long term goal for permanent manager? Sell plants close to market value and cover costs. Can't put money gathered from plant sales to pay for manager position (there are restrictions) . Still need to look more into funding that position with the help of business students.

Rainwater catchment system? Incorporated in the future, but hoophouse can be easily modified for that. Club can potentially pay for that with their plant sales and not come back for more CSF funding.

Supply/demand for native plants on campus? Classes on campus (~4000 plants that the capstone class and it's a large undertaking) and prairie restoration class in UBNA

How many plants in hoophouse? Close to 1500 plants + outdoor turf space is another 1000 plants.

-- MEETING ADJOURNED --