SSC Step 1 Meeting  
Saturday, October 20, 2018  
Location: NSRC 240

Student Attendees:  
Adrian Chendra, Sarah Gediman, Joseph Edwards, Gabriel Mishaan, Ece Gulkirpik, Johnny Uelmen, Julia Marsaglia, Prahallad Badami, Justin Vozzo, Emmanuel Fadahunsi

Staff/Faculty Attendees:  
Yun Kyu Yi, BK Sharma, Julie Cidell, Cathy Liebowitz, Ximing Cai, Morgan White

Meeting Minutes  
Topics for Discussion:

- Misc. Business
- Vote in VC-internal
- Step 1 Voting

1:04pm: Meeting start  
- Volunteers needed to table at the Sustainability Celebration this Thursday 4-5pm in 314 Illini Union  
- Sustainability Week starts tomorrow!  
  - Abbott Power Plant Tour, Tues. 1-2pm (1117 S. Oak St)  
  - Responsible Personal Investing, Fri. 2-3pm (Huff 209)  
  - Sustainability Celebration Tour, Thur. 4-6pm (Illini Union 314)
- Bryan has stepped down and Julia has joined SSC  
  - Vote in VC-internal  
    - Unanimous “yes” to vote Julia to VC-internal

1:11pm: Current Funding Situation  
- Total Requested: $3,159,474  
- Goal to spend: up to $600,000

Projects (score):  
- Let’s Get Licensed -  
- The Suicide Prevention Project (1.39)  
- CDL Playground (1.69)  
- FLB Water Conservation Project - Phase 1 (1.71)  
- Change 360 (1.75)  
  - They should check with city library sources of funding  
- Red Oak Rain Garden Sidewalk (1.77)  
  - Maintenance not an issue with the rain garden  
- Composting at UIUC (1.8)  
  - Cannot fund personal travel/course costs  
- Vision for Zero UI (1.8)  
  - End-goal of promoting biking and pedestrian use rather than vehicle use  
  - Case of social sustainability, rather than environmental sustainability
- Thursdays on the Farm (1.94)
  - this is for food, but it is open to the campus (so it is allowed)
  - could suggest the microgrant for this type of funding

- EV Concept Car (Student-led) (1.96)
  - willing to recruit any student, not just engineering-focused

- Eco Illini Supermileage (Student-led) (2.05)
  - have secured outside funds, and use their own funds

- Illini Solar Car (Student-led) (2.21)
  - they likely could not exist without the previous funding from SSC

- Illinois Space Society Hybrid Rocket (Student-led) (1.75)
  - 3 of the 4 have received funding in the past (Rocket has not)
  - how does this tie to sustainability on campus?
  - overall, the solar/concept cars have less funding this year; if we don’t fund any of them, they won’t go away, but they will have to “cut corners” to fund their projects

- 21st Century Lincoln Logs and Recycled Agricultural Structures (2.0)
  - applied in the past for funding, and they were rejected

- KAM Gallery Lighting Upgrades (2.0)
  - could consider funding maybe 2 or 3 galleries, not 10
  - might qualify for the revolving loan fund

- Bevier Cafe - Dish Room (2.02)
  - they’ve already gotten support from other places; this would be an improvement on that
  - they submitted a $300,000 proposal last year for all kitchen appliances, this year they reduced it significantly

- A Case for New Case Paper (2.03)
  - most of the money they are requesting is in labor

- Engineering Hall VAV box upgrade to DDC controls (student-led) (2.0)
  - had significant energy savings
  - it is scalable, could fund partial, like one floor
  - might be something we consider for the revolving loan fund

- Media Commons Video Production Studio Lighting Replacement (2.05)
  - would save on temperature controlling gels (no longer needed) with these
  - students spend an average of 6 hours/day here, so these would get a lot of use

- Illini Light Savers (Student-led) (2.05)
  - not ready for funding immediately; requesting step 2 advancement

- Gable Home - Permanent Location (2.06)
  - this is currently on the energy farm, not that accessible
  - getting this into the core of campus is likely not feasible
  - in the past, these types of “homes” that didn’t get permanent foundations have sort of rotted and been put in landfills

- Campus Hydro Redesigned for Parking Lot F4 (2.1)
  - this project will not happen without SSC funding
parking won’t pay for it because they’ve been told it’s 3x as much to build; this would show that there are sustainable practices that can be cheaper

- this is a quote, they don’t have the exact numbers yet
- potentially have parking agree to implement it if we fund this

- Green Stormwater Infrastructure (GSI) Master Plan (2.13)
  - the results of this would be included in the master plan, campus-wide

- FLB Green Lighting (2.11)
  - floor 1 was funded prior; this proposal was minimal; it would be nice to have other information regarding the success or status of the other funded project

- Recycle CEE (2.11)
  - funding is primarily for graduate students to set up a website
  - there are very few recycling bins in the building (1 per floor)

- South Farm Nitrate Monitoring Stations (2.25)
  - high likelihood that a larger grant will be funded in 2019; this would be a baseline prior to that implementation

- SSF Expansion (2.27)
  - substantial cost $750,000 for this and next semester; suggest that they break this up into smaller amounts
  - the proposed space to move to (in the arboretum) is for turf (was for turf)

- Low Maintenance/Native Entrance Garden (2.33)

- Plastic-to-Fuel Initiative to Produce Fuels for Campus Use (2.36)
  - convert 95% of material; may be able to sell remaining 5% to paraffin companies
  - a pilot scale has already been conducted
  - presented to SSC last year, but not funded by us

- Pilot-Scale Implementation of E2E (2.7)
  - unknown about the efficiency in conversions
  - can convert 1 ton of food per day, 1 barrel per day

- Solar at ECEB Part 2 (2.38)
  - SSC previously funded to install solar panels; however, the angles were not accounted for in the installation; problem now regarding who will pay for the problem
  - they did give the remaining money back; when they were ready, they would apply at that time
  - this project would still continue in some capacity if we didn’t fund it, but details not known

- CIF Geothermal (2.39)
  - saying no, would end this

- Zero Waste Quad Day (2.4)

1 Step Projects (4:36pm)

- Solar Lights at UGL Plaza (student-led) (1.86)
- Energy Shaft for Geothermal (student-led) (2.02)
- Davenport Carbon Garden (student-led) (2.11)
- Waste to 3D Production (Student-led) (2.19)
- Solar charging stations (student-led) (2.22)
- bus stops aren’t campus property (but land it’s on is); technically can’t fund it
- going to need support from F&S and MTD if we want to fund it
- Rain harvesting at PCF (student-led) (2.5)
  - they have yet to receive approval (if we fund, and they don’t get approval, then we get money back)
  - some risk in staff time involved if they don’t get approval if we fund

Voting process (4:55pm)
- reminder: our goal is to spend ~$600,000 this semester (~$500,000 next semester)

<table>
<thead>
<tr>
<th>Project</th>
<th>Working Group</th>
<th>Cost</th>
<th>Vote Decision</th>
<th>Results (for - against - abstain)</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Campus Hydro Redesigned for Parking Lot F4</td>
<td>Transportation</td>
<td>$100,000</td>
<td>Yes</td>
<td>6 - 4 - 1</td>
<td></td>
</tr>
<tr>
<td>Illini Solar Car - 2nd Generation Vehicle</td>
<td>Transportation</td>
<td>$20,000</td>
<td>Yes</td>
<td>8 - 2 - 1</td>
<td></td>
</tr>
<tr>
<td>EV Concept Car</td>
<td>Transportation</td>
<td>$20,000</td>
<td>Yes</td>
<td>8 - 3 - 0</td>
<td></td>
</tr>
<tr>
<td>Eco Illini Supermileage</td>
<td>Transportation</td>
<td>$9,945</td>
<td>Yes</td>
<td>6 - 5 - 0</td>
<td></td>
</tr>
<tr>
<td>Vision Zero for UI</td>
<td>Transportation</td>
<td>$28,800</td>
<td>No</td>
<td>4 - 7 - 0</td>
<td></td>
</tr>
<tr>
<td>CDL Playground</td>
<td>Land &amp; Water</td>
<td>$100,000</td>
<td>No</td>
<td>1 - 10 - 0</td>
<td></td>
</tr>
<tr>
<td>Red Oak Rain Garden Sidewalk</td>
<td>Land &amp; Water</td>
<td>$24,600</td>
<td>Yes</td>
<td>8 - 3 - 0</td>
<td></td>
</tr>
<tr>
<td>Green Stormwater Infrastructure (GSI) Master Plan</td>
<td>Land &amp; Water</td>
<td>$150,000</td>
<td>Yes</td>
<td>5 - 5 - 1</td>
<td>Adrian voted Yes, moved tie-breaker to yes</td>
</tr>
<tr>
<td>South Farm Nitrate Monitoring Station</td>
<td>Land &amp; Water</td>
<td>$100,000</td>
<td>Yes</td>
<td>6 - 3 - 2</td>
<td>Joe has to abstain</td>
</tr>
<tr>
<td>Davenport Hall Carbon Garden</td>
<td>Land &amp; Water</td>
<td>$6,425</td>
<td>Yes</td>
<td>9 - 1 - 1</td>
<td></td>
</tr>
<tr>
<td>Low Maintenance/Native Entrance Garden</td>
<td>Land &amp; Water</td>
<td>$20,000</td>
<td>No</td>
<td>4 - 5 - 2</td>
<td>motioned to step 2 fall, no need for application; unanimous</td>
</tr>
<tr>
<td>Rain Harvesting at Plant Care Facility</td>
<td>Land &amp; Water</td>
<td>$5,854</td>
<td>Yes</td>
<td>11 - 0 - 0</td>
<td></td>
</tr>
<tr>
<td>FLB Water Conservation Project Phase I</td>
<td>Land &amp; Water</td>
<td>$20,000</td>
<td>No</td>
<td>1 - 9 - 1</td>
<td></td>
</tr>
<tr>
<td>Zero Waste Quad Day</td>
<td>Food &amp; Waste</td>
<td>$15,000</td>
<td>Yes</td>
<td>7 - 3 - 1</td>
<td></td>
</tr>
<tr>
<td>Pilot-Scale Implementation of E2E</td>
<td>Food &amp; Waste</td>
<td>$150,000</td>
<td>Yes</td>
<td>8 - 3 - 0</td>
<td></td>
</tr>
<tr>
<td>Plastic-to-Fuel Initiative to Produce Fuels</td>
<td>Food &amp; Waste</td>
<td>$140,000</td>
<td>Yes</td>
<td>10 - 1 - 0</td>
<td></td>
</tr>
<tr>
<td>Project Description</td>
<td>Category</td>
<td>Amount</td>
<td>Status</td>
<td>Vote</td>
<td>Notes</td>
</tr>
<tr>
<td>-------------------------------------------------</td>
<td>-------------------</td>
<td>----------</td>
<td>--------</td>
<td>------</td>
<td>--------------------------------------------</td>
</tr>
<tr>
<td>SSF Expansion</td>
<td>Food &amp; Waste</td>
<td>$760,000</td>
<td>Yes</td>
<td>5 - 4 - 2</td>
<td>motioned to move to fall step 2; required to fill out step 2 application</td>
</tr>
<tr>
<td>A Case for a New Case Paper</td>
<td>Food &amp; Waste</td>
<td>$34,000</td>
<td>No</td>
<td>5 - 6 - 0</td>
<td></td>
</tr>
<tr>
<td>Composting at UIUC</td>
<td>Food &amp; Waste</td>
<td>$2,000</td>
<td>No</td>
<td>1 - 9 - 1</td>
<td></td>
</tr>
<tr>
<td>Recycle CEE</td>
<td>Food &amp; Waste</td>
<td>$25,000</td>
<td>No</td>
<td>3 - 6 - 2</td>
<td></td>
</tr>
<tr>
<td>Waste to 3d Production</td>
<td>Food &amp; Waste</td>
<td>$8,250</td>
<td>Yes</td>
<td>10 - 1 - 0</td>
<td></td>
</tr>
<tr>
<td>Energy Shaft for Geothermal</td>
<td>Energy</td>
<td>$10,000</td>
<td>Yes</td>
<td>7 - 4 - 0</td>
<td></td>
</tr>
<tr>
<td>Media Commons Video Production Studio Lighting Replacement</td>
<td>Energy</td>
<td>$5,000</td>
<td>Yes</td>
<td>10 - 1 - 0</td>
<td></td>
</tr>
<tr>
<td>FLB Green Lighting</td>
<td>Energy</td>
<td>$30,000</td>
<td>No</td>
<td>4 - 7 - 0</td>
<td></td>
</tr>
<tr>
<td>Solar at ECEB Part 2</td>
<td>Energy</td>
<td>$200,000</td>
<td>No</td>
<td>2 - 7 - 1</td>
<td></td>
</tr>
<tr>
<td>Bevier Café - Dish room</td>
<td>Energy</td>
<td>$26,000</td>
<td>Yes</td>
<td>11 - 0 - 0 unanimous</td>
<td>motioned to move this to a stratified (and prioritized) project to step 2</td>
</tr>
<tr>
<td>KAM Gallery Lighting Upgrades</td>
<td>Energy</td>
<td>$385,000</td>
<td>Yes</td>
<td>9 - 2 - 0</td>
<td></td>
</tr>
<tr>
<td>Illini Light Savers</td>
<td>Energy</td>
<td>$10,000</td>
<td>Yes</td>
<td>8 - 2 - 1</td>
<td></td>
</tr>
<tr>
<td>CIF Geothermal</td>
<td>Energy</td>
<td>$375,000</td>
<td>Yes</td>
<td>6 - 5 - 0</td>
<td></td>
</tr>
<tr>
<td>Solar Lights at the UGL Plaza</td>
<td>Energy</td>
<td>$10,000</td>
<td>No</td>
<td>3 - 8 - 0</td>
<td></td>
</tr>
<tr>
<td>Solar Charging Stations</td>
<td>Energy</td>
<td>$10,000</td>
<td>No</td>
<td>0 - 11 - 0 unanimous</td>
<td></td>
</tr>
<tr>
<td>Engineering Hall VAV box upgrade to DDC controls</td>
<td>Energy</td>
<td>$209,200</td>
<td>Yes</td>
<td>6 - 5 - 0</td>
<td></td>
</tr>
<tr>
<td>Let’s Get Licensed</td>
<td>Education</td>
<td>$9,000</td>
<td>No</td>
<td>11 - 0 - 0 unanimous</td>
<td></td>
</tr>
<tr>
<td>The Suicide Prevention Project</td>
<td>Education</td>
<td>$15,000</td>
<td>No</td>
<td>11 - 0 - 0 unanimous</td>
<td></td>
</tr>
<tr>
<td>Change 360</td>
<td>Education</td>
<td>$36,400</td>
<td>No</td>
<td>2 - 8 - 1</td>
<td></td>
</tr>
<tr>
<td>Gable Home - Permanent Location</td>
<td>Education</td>
<td>$60,000</td>
<td>Yes</td>
<td>8 - 1 - 2</td>
<td></td>
</tr>
<tr>
<td>Illinois Space Society Hybrid Rocket</td>
<td>Education</td>
<td>$10,000</td>
<td>Yes</td>
<td>7 - 3 - 1</td>
<td></td>
</tr>
<tr>
<td>Grant Title</td>
<td>Category</td>
<td>Amount</td>
<td>Vote</td>
<td>Score</td>
<td>Decision</td>
</tr>
<tr>
<td>-------------------------------------------------</td>
<td>----------</td>
<td>--------</td>
<td>-------</td>
<td>-------</td>
<td>----------</td>
</tr>
<tr>
<td>Thursday's on The Farm</td>
<td>Education</td>
<td>$1,000</td>
<td>Yes</td>
<td>10 - 1 - 0</td>
<td>motioned to move to microgrant</td>
</tr>
<tr>
<td>21st Century Lincoln Logs and Recycled Agricultural Structures</td>
<td>Education</td>
<td>$18,000</td>
<td>No</td>
<td>1 - 9 - 1</td>
<td></td>
</tr>
</tbody>
</table>