Transportation SWATeam Meeting

Date: 10/30/20

Time: 3-4PM

Attendees: Meredith Moore (iSEE), Lindsay Braun (Faculty & co-chair), Eleftheria Kontou (Faculty & co-chair), Claire Rathslag (Student), Vaidehi Ambardekar (Student), Julija Sakutyte (Clerk)

Agenda

Meeting time Change: From Fridays 3-4PM to Wednesdays from 10-11AM.

Roundtable recommendation discussion

* Air Travel Emissions Offsets
  + There is a guide on iSEE ([here](https://sustainability.illinois.edu/campus-sustainability/positive-steps-to-offsetting-your-carbon-footprint/)) which suggest options for offsetting CO2 Emissions
    - Created last year
  + Need a more comprehensive program
    - Create a systemic program which accounts for air travel at this university
    - TEM has a system which counts the dollars spent on air travel and the location traveled, so mileage has to be estimated/backtracked.
    - System would have to account for travel budgeting of external funding recipients.
      * External funding sources may not support carbon offsetting.
  + [Initial iCAP recommendation](https://icap.sustainability.illinois.edu/project-update/trans001-temdmi-recommendation-supplanted): Supplanted
    - [Second iCAP Recommendation](https://icap.sustainability.illinois.edu/project-update/trans005-travel-demand-analysis-recommendation-returned-swateam): Returned
  + T-card (charge card) authorized by department heads for travel reimbursements.
    - Office of Business and Financial Services [page](https://www.obfs.uillinois.edu/tem-resources/)
* Recommendations should leverage the disruption to normal activities in order to continue momentum of less air travel, less SOVs, and less commuting.
  + Lindsey Braun is interested in harnessing this momentum to promote active travel.
* 2020 iCAP objectives 3.1 & 3.4 highlighted as highly preferred objectives
  + [Campus Master Plan](https://www.uocpres.uillinois.edu/resources/uiucplan) can be utilized to follow expert suggestions
  + Vaidehi Ambardekar is interested in pursuing this objective
  + Julija Sakutyte will reach out to Pete Varney to source an updated fleet vehicles list.
  + Objective 3.4 may allow for collaborate with the Transportation SWATeam.
  + 2020 iCAP Objective 3.4.2 is highlighted as a highly preferred student objective
    - Claire Rathslag believes that students at this campus would be interested in this objective.
* 2020 iCAP objective 3.2 should potentially be collaborated with the Land & Water SWATeam.
* 2020 iCAP objective 3.3 highlighted as highly relevant objective
  + Eleftheria Kontou is interested in encouraging the EV presence on campus through this objective.
  + iCAP Portal [page](https://icap.sustainability.illinois.edu/project/install-public-use-electric-vehicle-ev-charging-stations) on previous EV Task Force.

Recommendations Wishlist

* Replace the entire UI fleet of vehicles that are run on fossil fuels as quickly as possible. At a minimum replace these vehicles with electric vehicles at a rate of 10% of the fleet per year to reach goal of 100% electric by 2030.
* Support CMP by increasing pedestrian safety by reevaluating current pedestrian routes and conducting traffic studies.
* Make sure the ZipCars continue to serve at popular locations. - Setup a fund to pay for those parking spaces or ask Parking not to charge the department or something.
* a survey of faculty and staff to explore possibilities for reducing air travel
* Identify campus intersections and mid-block crossings with high potential for crashes, and develop/implement design improvement strategies
* "Establish a University of Illinois Foundation fund to support campus efforts to reduce and within 10 years eliminate use of fossil fuel.
* Encourage faculty and staff to obtain electric vehicles by offering markedly reduced (or free) campus parking. These costs can be recovered through UI Foundation funds dedicated to support reduced fossil fuel use. (mentioned above). Additionally, increased parking rates for fossil fuel vehicles could provide resources to support the reduced income attributable to the lower fees for electric vehicles.
* Tie parking fees to the gas mileage of the vehicles parking on UI lots. Parking of cars that use fossil fuels and get low mileage per gallon would cost much more than cars that get more miles per gallon.
* Recommending new bus routes in accordance with MTD
* Working with MTD to promote better bus service to the i-Hotel and Research Park
* Coordinate with MTD to provide input on route/network redesign efforts; Develop and promote online training module to educate pedestrians, bicyclists, AND drivers about the rules of the road
* Sustainable asphalt binders (AKA “bio-binders”)