Transportation SWATeam Meeting

Date: 11/18/20

Time: 10-11AM

Attendees: Morgan White (F&S), Meredith Moore (iSEE), Stacey DeLorenzo (Staff, non-voting member), Lindsay Braun (Co-chair & Faculty), Eleftheria Kontou (co-chair & Faculty), Michele Guerra (Staff), Sarthak Prasad (Staff), Claire Rathslag (Student), Rhea Joshi (Student)

Agenda

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| --- | --- | --- | --- | --- |
| Objective | Objective description | Potentially Interested Members | Potential Recommendation Ideas | Required tasks |
| 3.1 | 80% Fleet Replacement Plans by FY24 | Lindsay Braun |  |  |
| 3.2 | Increase PCI to 65 by FY25 | Sarthak Prasad, Land & Water SWATeam, Stacey DeLorenzo |  |  |
| 3.3 | Parking Department EV Task Force | Eleftheria Kontou, Paul Slezak |  |  |
| 3.4 | Reduce driving on campus and staff SOV trips 10% by 2025. | Lindsay Braun, Sarthak Prasad, Vaidehi Ambardekar |  |  |
| 3.4.1 | Develop a commuter program | Lindsay Braun, Sarthak Prasad, Vaidehi Ambardekar |  |  |
| 3.4.2 | Continue to implement Campus Bike Plan | Sarthak Prasad, Claire Rathslag |  |  |
| 3.4.3 | Establish campus telecommunicating policies by FY24 | Sarthak Prasad, Michele Guerra, Rhea Joshi | Onboard an Interdisciplinary Health intern (under IHR) in order to assess telecommunicating capabilities | Develop an inventory of campus teleconferencingfacilities and their accessibility bythe end of FY21. SWATeam members will helpiSEE develop a standardized form for distributionto campus units and departments. Theform will record availability of teleconferencingfacilities within campus buildings; specifically,rooms with high-quality teleconferencing capabilitiesAnd/or the ability to hold group meetings remotely. |
| 3.5 | Reduce net air travel emissions by 50% from FY14 baseline by FY24. | Vaidehi Ambardekar | Develop comprehensive local offsets program |  |

Discussion: Teleconferencing & Commuter Program Intern

* SP21 dedicated to discovering how to best assess what the teleconferencing/telecommunicating capabilities on campus are.
* Draft the scope of intern work
	+ Assist with the Commuter Program (an initiative under Parking Department)
	+ Assist with determining teleconferencing/telecommuting policies for UIUC based on the precedent set by other institutions
		- Incorporate aspects of sustainability, mental health, employee satisfaction, business, etc.
	+ Research + Application of results (to provide recommendations)
	+ Sarthak drafts first description, vetted by Stacey DeLorenzo, sent to Paul/Parking
		- Draft ASAP
	+ Michele Guerra will put out initial interest to see what is available.
	+ Rhea Joshi will create resource list for intern (contacts, research, etc)
		- File is on SWATeam Box Folder for all members to add on to.
		- Goal to have resources list prepared by end of January 2021 when intern starts.
	+ Could form subcommittee with F&S, IHR, Parking to tackle the Commuter Program.
* Resources: [1](https://www.vtpi.org/tdm/), [2](https://www.vtpi.org/tdm/tdm43.htm)
	+ Contacts: Professor Petersen, Yanfeng Ouyang

Discussion: EV Charging Stations & EV Task Force

* Resources: [1](https://icap.sustainability.illinois.edu/project/install-public-use-electric-vehicle-ev-charging-stations)
* Eleftheria Kontou [received a grant](https://cee.illinois.edu/news/cee-team-study-electric-vehicle-community-charging-hubs) to explore the implementation of EV chargers in multi-unit dwellings, where residents often don’t have infrastructure capabilities to independently implement EV Charging.
	+ EK could be involved with newly charged EV Task Force
* Renewal of EV Task Force
* Paul Slezak will obtain as much Parking EV Dashboard data as accessible and provide it to the SWATeam

Final SWATeam Meetings

* December 2, 2020 at 10-11AM (CDT)
* December 16, 2020 at 10-11AM (CDT)

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”)