



STUDENT SUSTAINABILITY COMMITTEE

Funding Application – Small Projects (Under \$10K)

Please submit this completed application and any relevant supporting documentation by the deadline listed on the SSC website to Sustainability-Committee@Illinois.edu. The Working Group Chairs will be in contact with you regarding any questions about the application. If you have any questions about the application process, please contact the Student Sustainability Committee at <http://sustainability-committee@illinois.edu>.

General Information

Project Name: Green Fleet Certification Expansion

Total Amount Requested from SSC: \$9,000

Project Topic Areas: Transportation

Contact Information

Applicant Name: Tulsi Chudgar

Unit/Department or RSO/Organization: Transportation Sustainability Working Advisory Teams

Email Address: swat-transp@lists.illinois.edu

Phone Number: 425-505-0097

Project Team

<i>Name</i>	<i>Department/Organization</i>	<i>Email</i>
Yanfeng Ouyang	Civil and Environmental Engineering	yfouyang@illinois.edu
Julie Cidell	Geography and Geographic Information Science	jcidell@illinois.edu
Lily Wilcock	Facilities and Services Active Transportation	lwilco@illinois.edu
Peter Varney	Facilities and Services Director of Transportation	pvarney@illinois.edu
Tulsi Chudgar	Civil and Environmental Engineering	chudgar2@illinois.edu
Rebecca Laurent	Political Science	rllaure2@illinois.edu

Financial Contact's Name: Morgan White

Faculty/Unit/Department: Facilities & Services, iSEE

Email: mbwhite@illinois.edu

Phone: 217-333-2668

Project Information

Provide a brief background of the project, its goals, and the desired outcomes.

Peter is a member of NAFA (Fleet Management Association), which started the Green Fleet Certification program about three years ago. He worked to certify the Facilities and Services fleet. Through this project, we intend to also certify other campus units' fleets certified, like Tech Services, Prairie Research Institute, and Public Safety.

How will this project improve sustainability at UIUC?

This project's main goal is to decrease fuel used and increase fuel efficiency, not increase the size of fleet. Specifically, we intend to certify several other fleets. In the process, we would increase fuel efficiency of the campus. This would improve the sustainability in terms of transportation and fuel emissions at UIUC.

Where will the project be located? Do you need special permissions to enact the project at this site? If so, please explain and attach a letter of support to your application.

This project will be broken up into the data collection and analysis by a student. In addition, it will include the formation and implementation of sustainable fleet plan. Both activities can occur anywhere. Thus, special permissions in terms of location will not be necessary to enact this project.

Other than the project team, who will have a stake in the project? Please list other individuals, groups, or departments indirectly or directly affiliated to this project. This includes any funding entities (immediate, future, ongoing, etc.) and any entities that will be benefiting from this project.

Once we receive and analyze the data, we will create a sustainable fleet plan for each campus unit. The plan may or may involve demand-responsive service and smart-sharing of existing campus fleet across multiple administrative units. Once the campus unit commits to follow through with the plan, each unit will be affected. These campus units will be benefited because their fuel efficiency will increase, without increasing the size of the fleet.

Please indicate how this project will involve or impact students. What role will students play in the project?

Two students are involved in the Transportation SWATeam that is implementing this project. In addition, the intern hired will be a student. This intern will assist in data analysis, which would include data collection and data organization. Most of the money from this funding will go towards paying the intern for their work.

Have you applied for funding with SSC previously? If so, for what project?

I have not applied for funding with SSC previously.

Scope, Schedule, and Budget verification

What is the plan for project implementation? Describe the key steps of the project including the start date, target completion date, target date for submitting a final report, and any significant tasks or milestones in the table below. Please be as detailed as possible.

Start date: April 2018

Target collection of data: September 2018

Target data analysis: December 2018

Target sustainable fleet Plans: February 2019

Target commitments from departments: April 2019

Target final report: May 2019

List all budget items for which funding is being requested. Include cost and total amount for each item requested. Please be as detailed as possible.

Data Collection: This would be done by Peter and departments. It would also have to be vetted by NAFA. This part of the project will only require \$1,000.

Data Analysis by student intern: This part of the project will require the most funding, so we can pay the student intern. It will require \$7,000.

Creation of sustainable fleet plans: These will be based on the Facilities and Services sustainable plan but will be created based on each department. This part of the project will require \$1,000.

If the project is implemented, will there be any ongoing funding required? What is the strategy for supporting the project in order to cover replacement, operation, or renewal costs? (Note: SSC provides funding on a case by case basis and should not be considered as an ongoing source of funding)

There will be no ongoing funding required. Once we complete this project and campus units commit to the sustainable fleet plans, there will be no extra funding required. After the commitment, the Transportation Sustainability Working Advisory Team will routinely perform check-ups on the plan. However, no funding will be required for this part of the project.

Please include any other sources of funding that have been obtained or applied for, and please attach any relevant letters of support.

No other sources of funding have been obtained or applied for.

What is the plan for publicizing the project on campus? In addition to SSC, where will information about this project get reported?

The information on this project will be reported on the Institute for Sustainability, Energy, and Environment website. This institute also has yearly events like lectures, seminars, symposia, and colloquia. This project will be presented when the Transportation Sustainability Working Advisory Teams presents our updates on our progress towards the Illinois Climate Action Plan.