



STUDENT SUSTAINABILITY COMMITTEE

Scope Change

From time to time unforeseen challenges or opportunities can affect the planned budget, timeline, or overall goals of a project funded by the Student Sustainability Committee. Past examples of these situations include projects coming in under budget but having additional opportunities available, or inclement weather delaying the planting of agriculture projects.

Below please include a brief project summary and your requested changes. Attach additional documents as needed. If you have any questions, please contact the Student Sustainability Committee at sustainability-committee@illinois.edu.

General Information

Project Name: Bicycle Registration and RFID Tracking Program

Total Amount Requested from SSC: \$25,208

Contact Information

Applicant Name: Morgan White
Unit/Department: Facilities & Services
Email Address: mbwhite@illinois.edu

Project Information

Please provide a brief background of the project, the goals, and the desired outcomes: Hundreds, if not thousands, of students already use their bicycles on a daily basis to get to and from class. This project funds an opt-in bike tracking system for all registered campus bikes working toward two goals:

1. Collecting useful data on where cyclists are biking on campus for more accurate and timely information than the perennial bike census; and
2. Providing incentives for people who bike to campus, in the form of points toward or drawings for gift certificates for local dining options near campus.

When students and faculty of the University register their bikes, they will each receive a tag for their bike with a personal ID number. With the data collected about their individual biking habits, students and faculty will be able to track how often they bike and earn rewards through an online interface and incentive system. The interface will show the number of times biked, the rewards an individual can earn, and offer the ability to submit reports since bikers often see needed improvements before planners and engineers.

This system is being developed entirely in-house by a team of women engineers.

This proposal directly funds:

1. Supplies for creating the system
2. 2 interns to assist with logistics
3. Mounting equipment and RFID tags

Please provide a brief summary of how students will be involved in the project's changes: Students will help with analyzing the data collected with the Eco-Counter.

Please provide a brief summary of your requested scope change. How is your request different from your original plan?

Why we want a scope change? – Eco-Counter has been installed at the Illini Union (Green Street) location and it has been operating since March 2020. The Eco-Counters at the other two locations (Armory Ave. & Sixth St. and Wright St. & Healey St.) will be installed in Summer 2021, following the completion of the MCORE project corridors.

What change are we proposing? – Extending the timeline for this SSC grant to summer 2021 (August 2021).

Where will the Eco Counters be installed? – Three locations have been identified to install the Eco-Counters:

1. Illini Union (one at North of Green Street and one at South of Green Street) – Installed and online since March 2020
2. Intersection of Armory Avenue and Sixth Street – Planned installation date of August 2021
3. Intersection of Wright Street and Healey Street – Planned installation date of August 2021

New Timeline requested: Summer 2021

Additional comments (Optional)

Any additional comments/relevant information for the project proposal