

[View results](#)

Respondent

2

Sarthak Prasad

28:31

Time to complete

ACKNOWLEDGMENT

1

Please read and acknowledge the following:

- SSC funding can take ****1 MONTH OR LONGER**** to receive after the SSC has voted to approve a project because it includes several steps:
 - the authorization of an award letter by SSC, iSEE, Division of Student Affairs, the project's advisor (*student-led projects only*), and the project lead;
 - the creation of the CFOP by the project team's departmental financial contact in conjunction with the project team;
 - the transfer of funds from SSC to the project's CFOP.
- If you are a project lead for a new project that is approved by the SSC, be sure to check your email regularly for the prompt to sign the award letter to help facilitate the efficiency of the process.
- Project teams for funded SSC projects do NOT receive funds directly. After a project's SSC funds have been transferred to the project's CFOP, the project team must work with the sponsoring department to purchase the approved budgeted items on behalf of the project team.
- This application will be shared publicly on our SSC Illinois Climate Action Plan (iCAP) portal so that others can learn from your project.
- Funded projects have grant reporting requirements. See our website for more information.

*

☒ I acknowledge that I have read this information.

APPLICATION INSTRUCTIONS

Prior to starting your application, make sure you have the following information available:

- Project personnel including project lead, confirmed faculty/staff advisor (*student-led projects only*), departmental financial contact, other team members
- Working Group attendance information
- Project title and abstract
- Project description including timelines, deliverables, detailed description about the project, project feasibility information
- Intended student impacts
- Intended sustainability impacts
- Optional supporting documentation (e.g., Working Group presentation, letters of support)
- Detailed project budget information
- Information about changes to the Step 2 application submitted compared to the Step 1 application submitted

See our website for a sample application: <https://studentengagement.illinois.edu/studentsustainability/illinoisgreenfund/funding>

2

Today's Date *

4/14/2025



3

A follow up project presentation at a SSC Working Group meeting is *occasionally* requested of a project team prior to submitting their Step 2 application. Did someone from the project team present updates to their originally proposed Step 1 project at a SSC Working Group meeting this semester?

*

☐ YES

☒ NO

4

What is the name of your project? *

Power and Ventilation for Shipping Containers for Bike Storage

5

Amount of funding requested from the SSC for this project *

The amount entered here must match the amount reflected in your detailed primary budget spreadsheet that you will be prompted to submit with this application.

60511

PROJECT DESCRIPTION

6

Project Category *

- ☐ Education & Justice
- ☐ Energy
- ☐ Food & Waste
- ☐ Land, Air & Water
- ☒ Transportation & Infrastructure

7

Project Abstract *

In approximately 100 words, describe your project.

With the "Shipping containers for Bike Storage" project from Spring 2024, we have purchased and installed seven 8' x 40' shipping containers. This project will fund to add lighting, ventilation fan, and power to the shipping containers on campus grounds. We are planning to add a 100-amp panel by the containers. Each container will have (3) LED light fixtures, an exhaust fan, switch for the fixtures, a receptacle for power and power for an exhaust fan. We have received a quote from the F&S Electrical shop for running power through to the containers, LED light fixtures, switch for the fixtures, etc. (see attached) The F&S Sheet Metal Shop, helps with the purchase and installation of the ventilation fan, gave an estimate of nearly \$15,000 for exhaust fans for seven containers. (detailed breakdown is in the excel sheet) Our original plan was to add temporary/battery operated lights which is not the most sustainable option. Staff, including student staff/interns, at Parking, F&S and Campus Bike Center will be working at the shipping containers over the summer to transport the collected bicycles, inventory, and return them to the students. The power and ventilation system will greatly benefit all staff and students contributing to the abandoned bicycles as well as seasonal storage project. We really appreciate the SSC for supporting the campus bicycle program and campus sustainability, in general.

8

What key changes are reflected in your Step 2 application compared to your Step 1 application, if any, and why? *

Step - 2 application includes the estimate from Sheet Metal shop to purchase and install exhaust fans for ventilation. The step-2 application also includes the quote from Electrical Shop.

9

Describe your project in detail. Ensure the SSC has sufficient details to be able to evaluate the merits and feasibility of this project. *

Be sure to address the following:

- What are your project's goals and how do you intend to accomplish them?
- What are your project's deliverables?

This project is related to the "Shipping containers for Bike Storage" project from Spring 2024. We have purchased and installed seven 8' x 40' shipping containers. This project will fund to add lighting and power to the shipping containers on campus grounds. We are planning to add a 100-amp panel by the containers. Each container will have (3) LED light fixtures, an exhaust fan, a switch for the fixtures, a receptacle for power and power for an exhaust fan. We have received a quote for nearly \$40,000 from the F&S Electrical shop for running power through to the containers, LED light fixtures, switch for the fixtures, etc. (see attached) The F&S Sheet Metal Shop, helps with the purchase and installation of the ventilation fan, gave an estimate of nearly \$15,000 for exhaust fans for seven containers. (detailed breakdown is in the excel sheet) Our original plan was to add temporary/battery operated lights which is not the most sustainable option. Staff, including student staff/interns, at Parking, F&S and Campus Bike Center will be working at the shipping containers over the summer to transport the collected bicycles, inventory, and return them to the students. Connecting power, adding lights and ventilation systems will benefit our workers greatly as the inside of the shipping containers get really dark and stuffy. Good ventilation is essential during the summer months, when most of the work will be done by students and staff. This project will create a safe environment for all during summer and winters.

10

List your proposed project's timeline and major milestones. *

NOTE: SSC funding agreements remain active for two years. Thus, your timeline should reflect your activities over a two year period or less.

May 2025 - Award granted
May 2025 - Work orders for power connection - 2-3 weeks
June 2025 - addition of lights and ventilation system

11

Have you spoken with anyone in UIUC's Facilities & Services (F&S) department regarding the feasibility of your project? *

NOTE: While this step is optional for many projects, all projects involving infrastructure (e.g., internal or external physical infrastructure of university buildings, etc.) or grounds (e.g., plantings, installing structures on campus grounds, etc.) must have F&S approval prior to receiving SSC funding. If you need assistance evaluating the feasibility of your proposed project, please reach out to SSC-Advisor@illinois.edu PRIOR to submitting your application.

- ☒ YES
- ☐ NOT YET
- ☐ N/A

12

With whom in the Facilities & Services department did you speak and when did you speak with them? *

Stacey DeLorenzo, 3/26/2025; Brad Helm (Electrical Shop), 3/26/2025; Randy Reinhart (Sheet Metal Shop), 4/14/2025

STUDENT IMPACTS

13

How many students will be directly impacted by this project? *

The student interns at F&S TDM and at Campus Bike Center will be working at the shipping containers, and the power and ventilation system will greatly benefit those students. We anticipate that the storage facility will be used for a minimum of 10 years and will impact a minimum of 4,500 students.

14

How many students will be indirectly impacted by this project? *

All students that use bicycles on campus. The 2022 Campus Transportation Survey revealed that nearly 15% of the students use bicycling as their primary mode of transportation.

15

What is the intended student impact? *

Be sure to address the following:

- How will this project benefit students?
- How will students be involved with this project?
- What educational components are in your project?

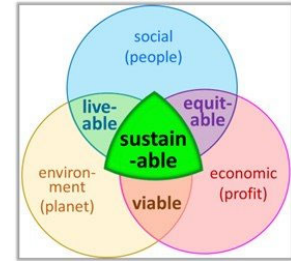
In the fall of 2023, more than 56,000 students enrolled at the University of Illinois. The proposed bike storage facility will provide these students a convenient and safe space to store their bikes during seasonal breaks and ensure they can reuse them in the subsequent terms. This provides a storage space for 350 bikes over the year. We anticipate that the storage facility will be used for a minimum of 10 years and will impact a minimum of 4,500 students. Any remaining abandoned bikes that are collected will be donated to the campus bike center, located across the proposed bike storage, which in turn provides bikes to students. The strategic location of the bike storage within the campus and across the Campus Bike Center, serves the purpose of accommodating student-owned bikes, hence maintaining the bike ridership on campus. This initiative not only supports current bike riders but also encourages new students to use bikes as a means of commuting for classes and work. This project funding will provide a safe environment for the interns at F&S TDM and at Campus Bike Center will be working at the shipping containers, and the power and ventilation system will be of great benefit.

SUSTAINABILITY IMPACTS

16

Authentic sustainability consists of the overlapping area of 3 spheres: Environment, Society, and Economy.

Describe how your project addresses sustainability. *



This project is related to the "Shipping containers for Bike Storage" which was funded in spring 2024. This project promotes bicycling, reduces bicycle waste on campus, allows for recycling bicycle parts, etc. This project will provide enhanced safety conditions to the workers who are transporting the bicycles (both abandoned as well bikes for seasonal storage), inventory of the bicycles, and return of the bicycles to the owners. These workers include student staff at F&S and Campus Bike Center.

17

How does your project promote and increase environmental stewardship at UIUC? *

If applicable, also address what the carbon, water, waste, and/or energy savings is associated with your project.

In 2022 approximately 500 bikes were found abandoned and in 2023, around 250 bikes were similarly found abandoned on campus over the seasonal breaks. The bikes are abandoned primarily by students over the summer. This contributes to an increase in the campus waste. F&S conducts the summer bicycle roundup to clear any clutter of bicycles on campus property and to accommodate new bicycle users in the fall semester. By the end of every spring semester, all students, faculty, and staff are notified by various methods that they must not leave their bicycles on campus property over the summer. The bike storage is located near the Campus Bike Center and it aims to preserve these abandoned bikes until they are reclaimed by students next term or donated to the Campus Bike Center and The Bike Project of Urbana-Champaign. This initiative not only helps maintain but also encourages bicycling on campus, as most students utilizing the storage facility will have a bike available for the next term. The storage facility will help reduce waste on campus generated by abandoned bikes that deteriorate due to long exposure to weather and require disposal.

18

Does your project aim to advance one or more of the Illinois Climate Action Plan's (iCAP) objectives? If so, indicate which and describe how. If not, enter N/A.

A full list can be found here: <https://icap.sustainability.illinois.edu/objectives>

The project aligns with the iCAP 2020 objective 3.4.2 Implement Campus Bike Plan. It also adheres to the Campus Bike Plan objective to provide seasonal storage for bicycles and encourage the use of bicycles as a sustainable mode of transport.

PROJECT LEAD

19

Project Lead's Full Name *

Sarthak Prasad

20

Project Lead's Department *

F&S

21

Project Lead's University Email Address *

sprasad9@illinois.edu

22

The Project Lead must be a UIUC faculty, staff, or currently enrolled student. Which category describes the Project Lead's primary role at the university? *

- ☐ Currently enrolled UIUC student
- ☐ UIUC faculty
- ☒ UIUC staff

PROJECT'S FINANCIAL CONTACT

The project's Financial Contact must be a full-time Illinois employee who has the authority to make university purchases, manage the project's financials, and generate financial reports on behalf of the project.

23

Financial Contact's Full Name *

Mike Alsip

24

Financial Contact's Department *

F&S

25

Financial Contact's University Email Address *

alsip@illinois.edu

26

Are there additional members of your project team? *

☐ YES☒ NO

SUPPORTING DOCUMENTATION

27

OPTIONAL: Attach any letters of commitment or support here along with any supplemental media that will support your application (presentations, photos, etc.).

 [Campus Grounds Bicycle Storage Power 11231690_Sarthak Prasad.pdf](#)

PROJECT FINANCES

28

Describe in detail how SSC funds will be used in your project.

NOTE: Only address the use of SSC funds, specifically, even if the project will be funded by multiple sources.

SSC funds will be used to run power to the shipping containers, purchase and installation of lights and ventilation systems.

29

If you receive SSC funding, will your project require additional sources of funding to achieve your project's overall goals? *

NOTE: SSC cannot guarantee financial support beyond that provided in an approved funding agreement.

☐ YES☒ NO

30

Has your project team or department previously been awarded funding from the SSC for the same or a similar project? *

☒ YES

☐ NO

31

What is the total amount of SSC funding received to date for the same or a similar project by the project team/department submitting this application? *

32

Download, complete, and submit the **SSC-Budget-Timeline_NEW APPLICATION_template** file linked below. Please be very detailed so that the SSC can fully evaluate the merits of your funding request. **We STRONGLY recommend providing alternate budgets in addition to your main budget in case SSC cannot fully fund your project. There are alternate budget tabs in the template.**

<https://studentengagement.illinois.edu/sites/default/files/2024-09/SSC-Budget-Timeline-NEW-APPLICATION-template.xlsx>

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 [Power and Ventilation for shipping containers_Sarthak Prasad.xlsx](#)