

View results

Respondent

3

Reed Thibaudeau

03:44

Time to complete

Instructions:

Please adhere to the session word counts. Project leads must attend one SSC working group meeting post step 1 application submission. If you have any questions about the application process, please contact the SSC at Sustainability-Committee@illinois.edu.

1. Name *

Reed Thibaudeau

2. Date of Submission *

10-2-23

3. Total Funding Requested From the SSC. *

\$10,000.00

4. Project Lead Full Name: *

Reed Thibaudeau

5. Project Abstract: (In less than 100 words, briefly describe the project.) *

This project aims to install occupancy sensors on lights in the Ikenberry Commons residence hall bathrooms. Lights are often left on 24/7, and this is extremely wasteful. These sensors will save energy by turning lights off while the bathrooms are not being used, which reduces carbon emissions and saves money.

6. Project Category *

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

Project Team Member List (student projects must include their faculty/staff advisors info)

Project Lead

7. Full Name: *

8. RSO/Department *

9. University Email Address: *

10. Do you have a faculty/staff advisor? *

- Yes
- No

Project Team Member List (student projects must include their faculty/staff advisors info)

Faculty or Staff Advisor

11. Full Name: *

12. RSO/Department *

13. University Email Address: *

14. Do you have additional members? *

Yes

No

Project Questionnaire:

15. Please see attached file, fill out the detailed budget and timeline Excel sheet, and submit it below.

<https://studentengagement.illinois.edu/student-sustainability/ssc/docs/SSC-Supplemental-Budget-Timeline.xlsx>

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 [SSC-Supplemental-Budget-Timeline Reed Thibaudeau.xlsx](#)

16. Are you aware that the SSC requires all projects to attend one working group meeting to present their project? *

Yes

No

17. Is this project student led? *

Yes

No

18. If applicable, have you received approval from Facilities & Services and/or site manager? *

Yes

No

N/A

19. Do you have a plan for ongoing funding beyond SSC? (SSC cannot guarantee ongoing financial support) *

Yes

No

20. Beyond SSC, do you have sources contributing funding or support (ex. staff time, external grants, etc.) to this project? *

Yes

No

21. Have you applied for SSC funding previously? *

Yes

No

22. Project Timeline:

(SSC funding agreements remain active for two years. List your project's timeline and/or milestones.) *

If approved in October, we expect to have purchased and received the occupancy sensors around October 20th. We then expect installation to be completed by January.

23. Project Description:

(In 250 words or less, describe your project. What does your project hope to accomplish? What are your project's deliverables?) *

My project aims to install occupancy sensors in Ikenberry Commons residence hall bathrooms. This will save a lot of energy, as lights are often left on 24/7. I hope to also increase education about light usage, with signage under the sensors both promoting the SSC and explaining the importance of saving energy by turning lights off when not in use. The deliverables will be both the signage and the sensors, working together to educate and work to save energy.

24. Environmental Impact:

(In 200 words or less, how does your project increase environmental stewardship at UIUC? If applicable, what is the carbon, water, waste, and/or energy savings?) *

This project will save large amount of energy. We estimate that lights will be off for around 6 hours a day throughout 10 residence halls, allowing for large energy savings. This reduces the University's energy load, which comes primarily from nonrenewable energy. Therefore, less carbon dioxide will be released into the air and this partially mitigates further harm to the environment due to climate change.

25. iCAP Objective Correspondence:

(In 200 words or less, does your project aim to advance one or more of the Illinois Climate Action Plan's (iCAP) objectives? If so, how?)

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

This project, for one, aims to advance key objective 2.2: increase energy efficiency. By automatically turning lights off when they are not in use, the university will only be using energy for lighting when it is necessary, cutting down on waste greatly.

26. Student Impact:

(In 200 words or less, how will this project benefit students? How will students be involved with this project? What educational components are in your project?)

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This project will benefit students by demonstrating the importance of turning off lights and other devices when not in use. The occupancy sensors will be accompanied with signage describing their purpose, the SSC's involvement, and the impact students can have if they follow suit and turn off lights/devices when not in use. This project is student led and the end result will be installed in a core part of students' lives, directly in the building they live in. The main educational component is in the signage, but advertising could be expanded in the future to encompass a larger array of educational topics and a broader scope to educate as many people as possible about the benefits of reducing energy usage.