

UIS Green Projects Application

Full Project Proposal- Step 2

To complete your Full Project Proposal, **download this word document and type all answers** to the questions below. Save your completed word document along with any supporting documentation (excel spreadsheet of budgeted itemized items, letters of support, and so on) as new files. Supporting files in Word (.docx) format should be attached to the end of this application in order to create only one Word document. Supporting files in all other formats (pdf, excel, PP) may be submitted as separate documents.

Once completed and saved to your device, return to the Green Projects website at

<http://www.uis.edu/greenprojects/get-involved/>

Click the hyperlink titled, **“Submit your completed UIS Green Project Proposal”**

This can be found under **Step 2** of the “Submit a Green Project Proposal” section.

You will be redirected to an external WebQ. Upload your completed application along with any supporting documentation by the deadline found in the **“Timeline”** section of the Green Projects website.

NOTE: Please do not submit this application unless you have been formally invited to do so by the UIS Green Fee Committee.

If you have any questions regarding the application or submission process, please contact us at greenprojects@uis.edu.

Project Name: Campus Solar Stations

Contact Information:

Project Team

Name	UIS Student/Faculty/Staff & Department (or Office)	UIS Email	Phone #
Nick Edwards	ENS 271 Student, ENS major/ BIO	Nedwa4@uis.edu	(217) 691 - 5402

Organization/Affiliation: Class assignment For ENS 271, Voting member of the Green Fee Committee

Project Information:

Provide a brief description of the project, its goals, and the desired outcomes:

For my proposed project I would like to see solar powered device charging stations on campus. These would be a great way for students to utilize renewable energy. An added benefit would be broadening people's knowledge about what solar power can do. I think many people have an understanding that solar power is only viable on a large solar farm, or that only buildings and homes can use it. These small-scale solar stations would be perfect for cell phones, laptops and tablets, all of which students use on a daily basis.

The best outcome would be decreasing our reliance on the fossil fuel energy grid. Students and faculty alike all have personal electronic devices they use every single day. When you walk around the inside of the buildings on campus you will most certainly see someone charging some kind of device. Getting solar stations outside would give people more incentive to sit outdoors within nature and give them a greater respect for renewable energy.

How will this project improve sustainability at UIS?

Reducing consumption of non-renewable fossil fuels has been one of the most sought-after goals for sustainability activists, myself included. Fossil fuels are a finite resource, and our consumption only rises with each passing year. Fossil fuel consumption is also one of the leading causes of environmental pollution and climate change. Implementing renewable energy projects lowers the level of reliance on fossil fuels, not to mention that they are cleaner for the environment as well.

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

Student involvement in implementation would be limited. However, their benefit from this project would be great. They would be able to use a clean energy source to charge their devices while remaining outdoors. A positive externality of being outdoors is gathering a more solid appreciation of nature. With the hopes of the students becoming more environmentally conscious.

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. If you are not sure, let us know! We can help.

I think the best locations for the solar chargers would be on the quad, next to the benches and seats that get the most sunlight.

Other than the project team, who will hold stake in the project? Please list other individuals, groups, or departments indirectly or directly affected by this project. This includes any funding entities (immediate, future, ongoing, etc.) and any entities that will be benefiting from this project. Communication with affected departments is encouraged ahead of time. List the names of who you spoke with and their comments.

- Campus grounds crew
- Perhaps facilities maintenance

Have you applied for funding from the Student Green Fee previously? If so, for what project?

An LOI for the same project was submitted earlier in the semester

Scope, Schedule, and Budget verification

Do you have a plan for project implementation? Describe the key steps of the project.

1. Determine best location for stations
2. Purchased desired number
3. Place / secure to the ground

List all budget items for which funding will be required. Include the cost for each item requested. Please be as detailed as possible, to the best of your ability. If you know where you would like to purchase materials from, please list the contact information of the retailer(s) below, along with the URL addresses to each item you will be requiring. If you need suggestions for how and where to purchase materials, please contact the Student Sustainability Projects Coordinators by email.

I believe the best option for the solar stations is the SuperCharge35 from Solarsynthesis (<https://www.solarsynthesis.us/power-solutions.html>). It is the top of the line model the company offers, and they run \$1249.00 per station. These larger stations would be best due to the higher charging capacity that they offer.

Will this project require ongoing funding? Do you have a plan for supporting the project in order to cover replacement, operation, or renewal costs?

The solar stations would be a one-time purchase. As far as the website indicates they are supposed to be very durable, weather-resistant, and maintenance free. They only ongoing cost I can foresee would be replacement if any become damaged, or defective.

Every project must be publicized! Where would you like to see information about this project reported?

I think perhaps a special poster with all of the funded projects could be created and circulated via the campus events email. Another way would be to host a small event of some kind in the student union giving a description of the projects to students would be a good way as well.

