

UIS Green Project Letter of Intent- Step 1

To complete your Green Project Letter of Intent, download this word document and type all answers to the questions below. Save your completed word document as a new file.

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 LOI”**
This can be found under **Step 1** of the “Submit a Green Project Proposal” section.

You will be redirected to an external WebQ. Upload your completed application by the deadline which can be found in the **“Timeline”** section of the Green Projects website.

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

Project Name: Filtered Water Bottle Fillers in the HSB

Contact Information:

Project Team

<i>Name</i>	<i>UIS Student/Faculty/Staff & Department (or Office)</i>	<i>UIS Email</i>	<i>Phone #</i>
Jessica Madrigal	CHST, ISP, public health	Jmadri1@uis.edu	217-206-8685

Organization/Affiliation: UIS CHST

Project Information:

Please provide a brief description of the project. What are the goals and the desired outcomes of the project?

The project involves replacing the existing water fountain on the 2nd and 3rd floors of the HSB with a filtered water bottle filler. The 2nd and 3rd floors are the site of the chemistry labs where students frequently congregate before and after lab. This replacement would provide students with filtered water to refill their water bottles before and after class. It would also provide access for faculty and staff that work in the HSB.

Please describe why this project matters to you and how it relates to sustainability.

Many people on campus already use re-usable water bottles. However, the replacement of existing water fountain infrastructure within the campus buildings is not uniform across the campus. By increasing access to filtered drinking water, we can sustain and increase the use of re-usable bottles and ensure that everyone on campus has access to filtered drinking water.

Where will the project be located? The 2nd and 3rd floors of HSB where existing water fountains are located. One water fountain on each floor will be replaced.

Please provide a brief summary of how students will be involved in or affected by the project:

Students in my Environmental Risk Assessment course have been involved in this project through their research on single use plastics and their impact on the ecosystem and human health. If funded, Spring students in the Risk Communication and Management course will research the topic and produce flyers that can be posted at each water bottle filler to educate the campus body on the benefits of reusable water bottles and filtered water.

Please provide a brief summary of the project timeline (Most approved projects are proposed in the Fall and implemented in the Spring)

Fall Semester: Selection of water fountains to be replaced (with facilities); purchase of replacement equipment; planning for installation by facilities.

Spring Semester: Installation by facilities; students to produce and hang signage once installation is complete.

Please provide a brief itemized breakdown of the funds needed.

I believe the campus has purchased these before and could replicate the prior process. A rough estimate is about \$2500-\$3500 for the purchase of two ELkay LZS8WSSP Filtered Enhanced EZH2O Bottle Filling Stations, plumbing supplies, and installation labor.

Do you have any suggestions for how we could measure the success of this project? You could try to access data on bottled water sales at the union of the last 5 years and into the future to evaluate if purchases have changed over time, in addition to tracking the counts of fills around campus on the available machines.

Additional comments:

If there are funds to do this in other campus buildings with similar needs, I would support the expansion of this. Happy to have my students conduct a survey of where the fillers currently exist and where it could be helpful to add them based on student routines and needs.