



The Clean Energy Fund Grants - Application

Please thoroughly read the call for applications prior to submitting your proposal. We will not consider incomplete applications. **In order to be reviewed by the committee, applicants must first submit their proposal to the campus area responsible for oversight in order to receive preliminary approval.** Applications receiving preliminary approval or questions regarding the application process should be e-mailed to the coordinator at cleanenergy@evergreen.edu before the deadline.

Project Title

Project Description:

The Evergreen Aquaponics greenhouse project has been moving forward and organizing in logistical and design endeavors. The project is at a critical junction; materials have been purchased, receipts have been reconciled against materials on hand, and the necessary communications have been established in order to move forward. In order to garner campus and county approval for construction, the project requires blueprints drawn by an engineer that contain structural and mechanical details. With materials purchased, inventoried and in storage, construction can only begin upon approval of all blueprints by county officials and campus facilities. This critical step in the Evergreen Aquaponics Greenhouse requires professionally drawn plans to be approved by Thurston County, who have requested blueprints designed by a licensed structural engineer to ensure compliance and proficiency in all design areas.

Project Lead

First and last name

A NUMBER

A number

PHONE

Phone number

E-MAIL

E-mail address

Student, Staff or Faculty Group

Group, program or department name

STUDENTS

Class standing and emphasis

FACULTY OR STAFF

Expertise

Faculty or Staff Sponsor

Name and e-mail address

Campus Location

Campus location

Primary Affected Area

Area responsible for oversight

Requested Budget

Total budget requested

Academic Term

Academic Term

Date

Date of submission and expected date of completion

Timeline: During Fall quarter several major priorities took place to reconcile the project after Summer 2012 quarter. Our first call to action moved us to create a governance structure allowing for sound decision making and review of all actions towards the project. This group is now referred to as The Evergreen Aquaponics Greenhouse Leadership Committee. The committee has formed a voting process and meets weekly to carry out initiatives. Next steps included a comprehensive materials inventory. The materials inventory discloses all information regarding grant funds allocated during phase one. The inventory can be viewed on the Evergreen Aquaponics Greenhouse Wiki or can be provided upon request. The project is now in its final design and approval phase requiring the completion of engineered blueprints. Our new goal for construction is Spring quarter of 2013.

Metrics: To allow public and academic use, food production and community involvement, the Aquaponics Greenhouse design must be professionally drawn to adhere to county and campus approval measures. To move forward within the project timeline, and to comply with Thurston County and Evergreen campus facilities procedures, the Evergreen Aquaponics Greenhouse Committee is requesting funds to pay Sargent Engineering for the development of professionally drawn blueprints. The development of structural and mechanical blueprints is a design procedure paid by the hour, combined with the Thurston County Building permit fee, we estimate cost projections for this phase of the Greenhouse project to be \$5,000. Sargent Engineers is a locally based firm working in our community since 1961. With an established working relationship with the Evergreen State College, our development design process will be carried out efficiently and professionally with this collaboration.



Project Title

Other Participants

First and last name, Phone and E-mail

CEC Notes (for office use)

Prior to a full review by the Clean Energy Committee, all grants must receive preliminary approval from the campus area to be responsible for the administration and oversight of the grant. Please refer to the call for applications for help identifying the area of best suited for oversight of your project. If you have further questions regarding areas affected by your project please contact the coordinator at cleanenergy@evergreen.edu. Be sure to allow yourself enough time to communicate with staff and faculty before the deadline. When preliminary approval is received, please have the affected area submit an e-mail of support for your proposal.

Affected Area	Approval Required	Approval Received
Faculty / Staff Sponsor	Always	yes
Associate Vice President for Academic Budget and Financial Planning		yes
Advising		
Athletics and Recreation		
Campus Land Use Committee		
Director of Facilities		
Director of Student Activities		
Environmental Health & Safety Officer		
Residential and Dining Services		yes
Science Operations Manager		
Tacoma		
Visual Arts Operations Manager		

Greener Categories (Please select all that apply):

	Research	Implementation	Education
Renewable Energy			
Resource Conservation			
Sustainability Strategies			



Project Title

Sustainability (140 words or less)

Sustainability:

The concept of sustainability is the core essence of the Evergreen Aquaponics Greenhouse project. As global temperatures rise reaching record levels; with draught and soil erosion causing massive damage to animal and ecological life; the utilization of Aquaponics systems and urban farming methods must be carried out in efficient succession to meet the needs of a growing population and depleted agricultural lands. Our goal of creating highly productive renewable food production systems is fostered and inspired by the proof of working Aquaponics farms that are providing food and knowledge to communities around the world. A comprehensive approach to sustainable food systems should be made available and supported where it can make the most impact, no better place than the collegial environment where funding, research and the wide variety of studies we form influence future generations.

Continuity (140 words or less)

Continuity:

A key part of urban agriculture farms and student run infrastructure projects, permitting and blueprint development and approval are necessary to build a strong foundation upon which to operate and grow. With the collaboration of Sargent Engineering, student documentation of blueprint analysis and procedures, our project will not only pass county approval, but students involved will gain important knowledge and experience in a professional design process. Once physical construction of the Aquaponics Greenhouse is complete, long-term objectives tied to academia and student involvement will take full form. Structural maintenance of the greenhouse, aquaponics system and grounds are sponsored by Residential and Dining Services. With the formation of the Evergreen Aquaponics Greenhouse Student group, and organized leadership governance structure currently in place, the legacy and continued project oversight and development are ensured by the Evergreen Aquaponics Greenhouse Leadership Committee.