

# SUSTAINABILITY INITIATIVES BY STUDENT ORGANIZATIONS FUNDING PROPOSAL

## Part I - General Information

<b>Name of Student Organization</b>	Environmental Student Organization
<b>Contact/Responsible Person</b>	Megan Orentas
<b>Contact Office Held/Title</b>	President
<b>Contact Email Address</b>	megan94@vt.edu
<b>Contact Telephone Number</b>	540-687-0409

## Part II - Project Cost Information

Estimate Cost of this Proposal	\$3,467	See Part III.C
Estimated Savings –	\$0.00	See Part III.D
<b>Net Cost of this Proposal</b>	<b>\$3,467</b>	

## Part III - Supporting Information

A. Please describe your sustainability initiative and attach supporting documentation.  
 The Environmental Student Organization (ESO) at Virginia Tech works to promote student awareness of sustainability and environmental stewardship. ESO was founded in the Department of Crop and Soil Environmental Sciences (CSES), and uses Smyth Hall for club functions such as meetings, workshops, and storage. We seek, through this RFP, to highlight our commitment to sustainability by installing water bottle filling stations in Smyth Hall. We have had discussions with Dr. Thomas Thompson, Head of CSES, about the possibility that the department could match funds raised through this RFP. Dr. Thompson has agreed that if ESO is successful in raising funds to install one water bottle refilling station, the department will purchase a second matching unit. This will increase the overall impact of our project, and will strengthen the department's contribution to sustainability. The requested filling station will be located on the 2<sup>nd</sup> floor of Smyth Hall, close to two classrooms, a teaching laboratory, and a student lounge (Figure 1). The matching filling station will be located on the 3<sup>rd</sup> floor, just across from a third classroom (Figure 2). In total, these three classrooms and laboratory have seating for more than 150 students, and in a typical week more than 1,000 students attend class in Smyth Hall. In addition, these floors are conduits for traffic passing to and from Latham Hall to classrooms, offices, and meeting spaces in Seitz and Hutcheson halls, which multiplies the project visibility and impact considerably.

B. How does this initiative help to achieve the goals of the Virginia Tech Climate Action Committee Resolution and Sustainability Plan?  
 The addition of water bottle filling stations would promote environmental stewardship and awareness for a growing number of environmentally educated faculty, staff, and students. Their purchase and installation in high-traffic/visibility locations will highlight Virginia Tech's position as a Leader in Campus Sustainability (Goal 1). They will also help the University minimize waste (Goal 8), engage students, faculty and staff to develop and implement efficient and sustainable use of energy, water and materials (Goal 10), and work to provide funding to sustainability programs (Goal 14).

C. What is the cost of your proposal? Please describe in adequate detail the basis for your cost estimate.  
 The costs associated with our proposal include the purchase and installation of two water bottle filling stations. We will purchase the Elkay brand EZH20 water bottle refilling station (Model EZS8WSLK). Per Jim McDaniel, the price is \$3,467.14 including installation.

D. Will your proposal produce cost savings for the University? If so, how much? Please describe in adequate detail the basis for your savings estimate.  
 The project will likely not result in much direct cost savings to the University, besides a minor reduction in the amount of recycling and waste that the University has to handle.

E. Is this funding request an Ongoing or One-Time change **(please check one)**?

**One-time**       **Ongoing**

F. Is funding available for this request from another source? If yes, describe the funding (source, amount, etc.)  
No.

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### Part IV- Requestors/Reviewers

Prepared By (Name of Contact for Student Organization)

*Megan M Orentas*

Megan Orentas, Environmental Science Organization President

*11/9/15*

Date 11/9/2015

Reviewed By (Name of Appropriate University Official)

Jim McDaniel, Projects Coordinator, Facilities Department

Date 11/20/2015

Reviewed By (Name of Office of Energy and Sustainability Representative)

Denny Cochrane, Sustainability Program Manager

Date 11/20/2015



Figure 1. Second floor water fountain in Smyth Hall



Figure 2. Third floor water fountain in Smyth Hall