



Vice President for Campus Planning, Infrastructure, and Facilities  
230 Sterrett Dr., Suite 112 (0127)  
Blacksburg, Virginia 24061

## STUDENT ORGANIZATION SUSTAINABILITY INITIATIVE PROPOSAL FORM

### Part I- General Information:

Name of Student Organization	Venture Out
Contact/Responsible Person	Sadie Slavin
Contact Office Held/Title	Student Supervisor – Office Supervisor
Contact Email Address	<a href="mailto:sadies@vt.edu">sadies@vt.edu</a>
Contact Telephone Number	484-319-5300

### Part II- Project Cost Information

Estimated Cost of this Proposal  See III.C. below

Estimated Savings -  See III.D. below

Net Cost of this Proposal =

### Part III- Supporting Information

A. Please describe your sustainability initiative and attach supporting documentation.

This request is for a bike Fix-It Station at the new Venture Out Center (VOC). The VOC recently opened at 540 Beamer Way, across from Parking Services and adjacent to the Huckleberry Trail.



Fix-It Station outside of Pamplin Hall

Fix-It Stations include all the tools necessary to perform basic bike repairs and maintenance. The tools are securely attached to the stand with stainless steel cables and tamper-proof fasteners. Hanging the bike from the hanger arms allows the pedals and wheels to spin freely while making adjustments. An adjoining bike pump allows people to inflate their tires.

Many staff members and customers travel to the VOC via bicycle, and we currently do not have an adequate repair station for public use. The closest Fix-It Station is at Dietrick Hall, nearly a mile away.

A Fix-It Station encourages students, faculty, and staff to commute to the VOC, and campus, via bike by providing the support system necessary to maintain one's bike's functionality in a convenient location. By encouraging the use of bicycle transportation, we discourage the use of personal vehicles which are detrimental to the environment and our campus atmosphere. The location of this particular Fix-It Station – adjacent to the Huckleberry Trail, between the trail and the VOC – also has the secondary benefit of serving as valuable bike support infrastructure for the community at large.

B. How does this initiative help to achieve the goals of the Virginia Tech Climate Action Commitment Resolution and Sustainability Plan?

**CAC Point #11** – *Virginia Tech will improve transportation energy efficiency on campus through parking, fleet, and alternative transportation policies and practices. The university will continue to implement programs that encourage the use of alternative transportation methods and will continue to implement programs and services that promote eco-responsible fleet management.*

This proposal is most closely aligned with the above point from the Climate Action Commitment. The Fix-It Station supplements the support system that encourages students to travel by bike. This, in turn, alleviates congestion and parking problems and reduces greenhouse gas emissions.

C. What is the cost of your proposal? Please describe in adequate detail the basis for your cost estimate.

The model best suited for the station is the Dero Fix-It Station, paired with Dero's Air Kit 4 bike pump. The cost of the Fix-It Station with bike pump is \$1,699. A concrete pad and installation costs, estimated at \$1,000, will also need to be included in the estimate. Adding a 10% contingency and rounding up puts the total at an estimated \$3,000. A quote from Dero is attached.

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 Fix-It Station will indirectly benefit Virginia Tech by reducing vehicular traffic and parking lot demand. By reducing parking lot demand, there is less need to build and maintain costly parking lots and structures.

E. Is this funding request for a One-Time need or an Ongoing need (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, there is not funding available from another source.

**STUDENT ORGANIZATION SUSTAINABILITY INITIATIVE PROPOSAL FORM  
(Continued)**

**Part IV- Requestors/Reviewers**

Sadie Slavin	11/16/20
Prepared By (Name of Contact for Student Organization)	Date
Nick Quint	Date 11/30/20
Reviewed By (Name of Appropriate University Official)	Date 11/30/20
Denny Cochrane	Date 11/30/20
Reviewed By (Name of Office of Sustainability Representative)	Date 11/30/20

**STUDENT ORGANIZATION SUSTAINABILITY INITIATIVE FUNDING PROPOSAL  
CONTACT LIST**

In the preparation of your Green RFP form, student organizations are encouraged to seek input and guidance from the following list of university employees. These individuals are familiar with the form and the process. They can address the feasibility of your proposal, provide a technical review, and evaluate the cost & potential savings.

<u>Area of Expertise</u>	<u>Name</u>	<u>Title</u>	<u>Email Address</u>
Engineering & Operations, Energy Management	Kim Briele	Director Engineering & Assessment	<a href="mailto:sbriele@vt.edu">sbriele@vt.edu</a>
Facilities: Housing & Residence Life	Todd Pignataro	Associate Director of Facilities	<a href="mailto:ptodd@vt.edu">ptodd@vt.edu</a>
Facilities: Buildings & Grounds (Small Renovations)	Jim McDaniel	Project Coordinator	<a href="mailto:jmcdani@vt.edu">jmcdani@vt.edu</a>
Exterior Lighting	Rob Glenn	Director VT Electric Services	<a href="mailto:RobGlenn@vt.edu">RobGlenn@vt.edu</a>
Student Engagement & Campus Life	Spencer Stidd	Associate Director for Events Services	<a href="mailto:sstidd@vt.edu">sstidd@vt.edu</a>
Dining Services & Housing (Student Affairs)	Blake Bensman	Sustainability Mgr.	<a href="mailto:bensman@vt.edu">bensman@vt.edu</a>
Alternative Transport (Bus, Bike & Walk/Electric Vehicles)	Nick Quint	Transportation Network Mgr.	<a href="mailto:nquint@vt.edu">nquint@vt.edu</a>
Landscape Architecture	Melissa Philen	Site Planner	<a href="mailto:mnpohlen@vt.edu">mnpohlen@vt.edu</a>
Hahn Horticulture Garden	Scott Douglas	Director/Instructor	<a href="mailto:dsd1@vt.edu">dsd1@vt.edu</a>
Recycling and Waste Management	Denny Cochrane	Director Office of Sustainability	<a href="mailto:denniscc@vt.edu">denniscc@vt.edu</a>
Other Sustainability Topics	Nathan King	Sustainability Mgr. Office of Sustainability	<a href="mailto:naking@vt.edu">naking@vt.edu</a>