

SUSTAINABILITY INITIATIVES BY STUDENT ORGANIZATIONS FUNDING PROPOSAL

Part I - General Information

Name of Student Organization	Environmental Coalition at Virginia Tech
Contact/Responsible Person	Nadia Doutcheva
Contact Office Held/Title	Secretary
Contact Email Address	nldoutch@vt.edu
Contact Telephone Number	202-355-4146

Part II - Project Cost Information

Estimate Cost of this Proposal	\$29,400	See Part III.C
Estimated Savings –	TBD	See Part III.D
Net Cost of this Proposal	\$29,400	

Part III - Supporting Information

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

Biking has become a popular mode of transportation for students to move around campus. There is a high number of students to bike to and around campus and need appropriate parking for their bikes. However, some popular locations are lacking proper bike racks to accommodate all of the bicycles.

This initiative is asking the school to install 26 five loop bike racks on campus in district 26 which is a residential area containing Pritchard Hall. According to national standards outlined in the Alternative Transportation Biking Master Plan, this area of campus is lacking 128 bike loops. There is a huge problem with this around Pritchard Hall especially. Students will often park their bikes in completely inappropriate locations, such as to light poles, on window railings, which is a nuisance and privacy concern for students as well. Attached are more pictures showing inappropriately parked bikes.

Residents especially need appropriate parking for their bikes, because they have no other choice because it is very difficult to keep a bike in a dorm room permanently, and some people might only be a casual bike rider and they need a more permanent location for their bikes.

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

Adding more storage space for bikes will give residents peace of mind and will promote biking. Less automobiles around campus will reduce our campus' carbon emissions significantly, helping achieve the goals set by the Virginia Tech Climate Action Committee Resolution and Sustainability Plan.

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

Each five loop rack costs approximately \$500. Each five loop rack will necessitate a concrete pad. Each pad would need to be 7' X 15' at an approximate \$6.00/sqft, for a total of \$630 for a concrete pad. Thus each rack would cost about 1,130\$. (assuming no extra site planning etc needed).
 District specific costs predictions:
 District 26: 128 loop shortage equates to 26 five loop racks. $26(\$500)+26(\$630) = \$29,400$

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.

There would be minimal savings for the university, but it would be possible to save money from maintenance and policing of bikes parked inappropriately.

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.)

We do not believe that there is an additional source to receive funding for this project.





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Part IV- Requestors/Reviewers	
Nadia Doutcheva	11/11/2015
Prepared By (Name of Contact for Student Organization)	Date
Mackenzie Jarvis	11/11/2015
Reviewed By (Name of Appropriate University Official)	Date
Denny Cochrane	11/20/2015
Reviewed By (Name of Office of Energy and Sustainability Representative)	Date