#### Climate Action, Sustainability, and Energy Committee Meeting Minutes January 23rd, 2023 2:00pm

**Zoom:** https://virginiatech.zoom.us/j/81225994441?from=addon

**Present:** Mary-Ann Ibeziako, Jon Clark Teglas for Chris Kiwus, Dean Paul Winistorfer, Nancy Mecham for Ken Miller, Rosalba Ledezma for Liza Morris, Dan Peets for Paul Ely, Lizeth Jaramillo Taborda for Annie Hassall Lawrence, Gwyneth Martin, Nam Nguyen, Matt Stolte, Nathaniel Humphreys, Pat Donovan, Rachel Maizel, Scott Nachlis, Teresa Sweeney, Wesley Gwaltney, Zhuo Fu, Dana Hawley, Rob Lowe, Todd Schenk, Lindsay Fisher for Katie Smith

**Absent:** Amy Hogan, Brandon Hendricks (absent with notice), Claudia Budzyn, Gia Ha, Lilian Prins, Madison Betts, Mae Hey (absent with notice), Princess Merritt,

**Guests**: Kristina Cook, Emily Vollmer, Nathan King, Nick Quint, Jack Leff, Larissa Gimmy, Eli Meyer, Simona Fried, Isabelle Largen, Ted Faulkner, Wendy Halsey, Meghan Marsh, Yugasha Bakshi, Rosie Cicmanec, Steve Durfee, Jennifer Benning, Autumn Timpano, Sean McGinnis, Matt Earnest

Mary-Ann Ibeziako called the meeting to order at 2:00 pm. A quorum was present.

#### 1. Adoption of Agenda

A motion was made and seconded to adopt the agenda. The motion carried.

on the Governance Information System on the Web (https://governance.vt.edu).

2. <u>Announcement of approval and posting of minutes of November 28, 2022 and Membership Updates</u>
Mary-Ann noted that the November minutes have been voted on electronically and can be publicly accessed

She also shared the following membership updates:

Welcome to new member Nam Nguyen (Senior Director Electric Service and Deputy to the AVP Infrastructure) Thank you to Jeri Baker who represented Transportation Services and Kas Church who represented Student Affairs for the Fall semester. We will let you know when those membership spots have been filled again.

#### 3. Presentation

Subcommittee conveners Yugasha Bakshi (Office of Sustainability Graduate Assistant), Teresa Sweeney (Waste and Recycling Manager), Nick Quint (Transportation Network Manager), Todd Schenk (Associate Professor UAP), Simona Fried (Energy Analyst), and Sean McGinnis (Associate Professor of Practice MSE), Nathan King (Campus Sustainability Manager), and Jack Leff (Climate Fellow) gave presentations that covered all agenda items for the committee meeting (attached).

#### 4. Open Discussion

Sustainable Campus Culture, Engagement, and Sustainable Choices (Yugasha Bakshi):

- Sustainable Procurement Policy: ways to make it more actionable and implementable. Revising it in ways
  that eliminate barriers that offices or labs may face in terms of procuring basic materials from
  sustainable manufacturers.
- Looking at Office of Sustainability interns and other student involvement in Green Office Certification and Green Lab Programs- use Earth Week to build awareness of those programs
- CAC Goal 12 includes diminishing barriers to sustainable behavior through social marketing. The subcommittee plans to reach out to faculty members that have experience in social psychology and behavioral economics to understand this and use to drive change on campus.

Zero Waste (Teresa Sweeney):

• Waiting for Zero Waste consultants' recommendations before taking on new initiatives

- They are talking about how we can unify our program by making the containers look consistent on campus- the labeling consistent- to reduce contamination and increase the possibility of it being recycled and diverted from the landfill.
- Looking at ways we collect data- increase efficiency and accuracy
  - o Team divvied up responsibilities to gather information on who gets data, how, and when
    - Capital projects
    - Renovations

Carbon Neutral Commuting and Carbon Neutral Fleet (Nick Quint):

- Over the summer, worked with HR to include information on transportation options and the employee onboarding process: updating resources webpage to include the information on transportation options in addition to parking info. Previously, this webpage just had information on parking. So, this helps introduce other transportation options early on in someone's career with Virginia Tech. Part of the Climate Action Commitment. Goal 9 is to reduce non-single occupancy vehicle commuting trips by 20%. Previously, we relied on biennial transportation surveys to collect data and calculate the nonsingle occupancy vehicle rate. But this is problematic because people would self-select into the survey, which created a bias. And then the sample size was also small, only about 4% of the entire university population. So, what we've done now is we're using parking permit data to calculate this. It isn't perfect, but the numbers are a lot more accurate. And to illustrate that, the data that we have from parking permit sales says that the non-single occupancy vehicle rate is 52 to 66% depending on the year. Whereas our survey data was telling us it was 21 to 34% during the same time period. This helps establish a baseline for measuring progress towards goal 9, and then, of course, helps us measure that progress as we move forward. The Alternative Transportation Department has recently been rebranded as Sustainable Transportation, which reinforces our connection to the Climate Action Commitment. But more importantly, it signifies that commuting via bus or bike or foot, etc, is on the same level as driving alone. So, it's not alternative. It's just another transportation option. BT has received two electric buses in the last month, and they're expected to receive three more within the next month. Those buses should be in service by the end of the spring semester, and we'll bring the total number of electric buses to ten, which is about 25 percent of their fleet. Certainly something to celebrate. They've got seven more buses that are being procured and it will be a year or so before those are introduced into the fleet. Fleet Services has also purchased its first EV and it should be introduced into the daily rental fleet in March, we're currently in the process of purchasing an EV charging station that will be housed at Fleet services so that the EV can be charged there. But it will also have an additional port that will be publicly available. So, we'll be increasing the capacity for charging EVs on campus. In terms of accomplishments, were anxiously awaiting the completion of the Blacksburg transit multi-modal transit facility, which was initially scheduled to be completed in April and now it's looking like August at the earliest.
- Nam Nguyen: Have you had any interaction with the State Energy Office for some grant funding
  opportunities? Because I know when I was there, we were working with I think the gentleman's name
  is Andy Alden. He's a senior research associate in Virginia Tech here. And there may be some
  grants available at both the federal level and state level. So, if you if you haven't, I'd like to connect you
  with the state transportation program manager.
  - o Nick: That would be great. I'll send you my email so you can connect us.

Climate and Sustainability Education and Research (Todd Schenk):

- Focus has been on the idea of a Climate Action Living Laboratory
  - To create a testbed environment for curriculum research and outreach. In terms of research, how can we use the wonderful, unique opportunities we have here as a university with a really strong connection with CPIF, obviously between CPIF and the academic enterprise with CPIF being so committed to things around climate sustainability. How can we use those opportunities? And also, things like the unique nature of VTES for example to create opportunities for us to use those as test beds for research. But of course, also to create hands-on learning opportunities for our students in classes and beyond things like internships. And finally, meeting our goals concurrently.

- In practice this means: how do we use those things to incubate new ideas, new initiatives, to nurture those that are nascent, to coordinate across the many ideas and initiatives that are underway.
- Academic side: Scale: How do we turn all into lessons learned and technologies that can extend beyond campus and our surrounding communities?
- How do we coordinate across projects when it comes to monitoring, assessment, evaluation and communication and social justice, commercialization and dissemination and ultimately public policy and implementation? Again, on that testbed foundation.
- Subcommittee meeting notes include: Continuing the CAC Roadshow to build connections, finding "bite-sized" opportunities for classes and research groups, prioritization and saliency to research groups and instructors, linking data on performance and how that is changing, CALL as an umbrella to support.

GHG Inventory (Simona Fried):

(See presentation slide)

 We recently completed our 2021 report in inventory; I included a few summary figures here. Calendar year 2021 is around the same, a little bit higher than our greenhouse gas emissions in 2019. And that's largely due to purchasing RECs. If we factored in renewable energy credits, we would be below previous years. And then obviously 2020 is an outlier. Our initial charge was to develop a strategy, procure software, develop data acquisition procedures, and identify emissions and geographic scope. We've been successful in that. We're continuing to use our GRITS (Green Revolving Investment Tracking System) platform, which is used by other universities across the country. We're continuing to use the scope we defined in 2019. We also have a great framework that we've built out that we can share with other Virginia Tech organizations outside the Montgomery County. So, when we're ready to expand, how we are calculating our greenhouse gas emissions for the university. Data collection continues to be a challenge, and that's just the variety of departments we reach out to and work with. But we've got plans to refine that process. A lot of lessons learned from the most recent ones, so we're moving forward with that. And just to mention a few of those, the 20th, 20 to 2022 inventory, we're going to get involved with the Transportation Survey earlier, so we'll work with Nick Quint and his team so we can include some of our questions in that. And then we're also still looking for someone who's interested in helping us calculate upstream emissions from food services. So, if anyone knows anyone who is interested in large datasets, please reach out and get involved.

Carbon Offset & Management Subcommittee (Todd McGinnis) (See presentation slide)

- Note for GHG Inventory slide chart: it looked in the previous chart like things were going down until 2018 and then they jump in 2019. And that's because we reset the scope in 2019. So, there wasn't really a big jump in 2019. We just actually measured more things than used to be measured. So overall, the university was still dropping carbon emissions.
- Part of this committee's role is to prioritize those things that we are going to need in the future, even though they aren't our highest use for current resources
- Matt Stolte: When we look at our reductions and why they aren't going down. Is it correct that we are changing our approach? How do we explain to others that we are putting more effort into things but our accounting is showing that we aren't doing as well as originally projected?
  - Sean: Up until 2018, there were a whole lot of categories of things like leased space, like methane leakage that we just weren't accounting for.
  - Mary-Ann: How do we maintain a baseline but still move forward, capturing new additions to the data that we currently have? How do we share with campus?
  - Nam: I was wondering if we look at the tonnage as a factor of consumption, megawatt hours, or by per capita, then that could help you think about your improvements in terms of growth as well. And it may be that the raw tonnage still goes up, but at least you know that your improvements are taken effect. It's just that your growth is eating up a lot of those improvements.
  - Steve Durfee: Good point. Maybe by gross square foot, another thing we could do, maybe you
    could bring it into scopes admission scope, one scope because they're such a big chunk, you

- know, and you just measure those separately and then show it, show it that way and then a final slide with it all together. Like you said, Maryann, it might help to make it a little more transparent, and easy to understand for some audiences.
- Sean McGinnis: I think the goal is to have 2019 be a hard baseline. Do you ignore the data we had before 2019? Or do you artificially estimate things we didn't measure then? Normalizing is a good idea.
- Mary-Ann: If there is a way to notate what was added after 2019, that should be sufficient.
- Sean: It is notated in the GHG Inventory report. Someone needs to think about what's the best way to communicate that piece of data to a more core audience who needs to know.
- o Mary-Ann: I know you've mentioned sequestration. Are we also looking at capture?
- Sean: Yes, capture is one of the options: landfills, in theory the power plant. There are dozens of different ways to look at offsets and sequestration. And so we just have to decide which ones we want in scope and not. So, we could either have more people come into our committee meeting or we could have a general session where we get direct feedback from people, but we could include direct capture.

#### Green RFP Update (Nathan King):

- Sean McGinnis expressed that perhaps the EV chargers pricing could be a lot lower than what current estimate is if investigated. Nathan agreed that investigation is necessary, especially regarding electrical out at the Inn. Jim McDaniel will be going over to the Inn with an electrician to see what the situation is. Current pricing estimate was based off our pricing for the ones at Squires.
- Dean Paul Winistorfer: Proposals around tree plantings are fantastic. He hopes that Jamie King will be consulted on the plantings. Jamie is underfunded for tree removals of dead or dying trees. If the Engle lot trees are being planned to be located on the islands around the lot, those are very questionable sites to try to establish viable, sustainable shade trees- tough environment. Stroubles Creek project is a remarkable restoration project to date that has made a tremendous impact and has hundreds of volunteers and student classes and others involved in a volunteer effort out there. I hope the committee will continue to put resources behind that project.
- Nathan: Agreement on Stroubles Creek project. Engle lot proposal has 3 different planting options, 2 of which do not involve the islands the third one does suggest replanting and amending the soil there. We will certainly be getting Jamie's input.
- Sean: Autoclave proposal: Is that a cost share?
- Nathan: Biochemistry group being savvy and putting in a proposal to help with equipment. Last year the budget office thought on that one for a while but did fund the replacement of one of the autoclave machines
- Dean Paul Winistorfer: Covered bike racks proposals: The covered bike racks look nice but they don't function very well. They are tall, they don't prohibit rain and elements from getting to the bicycles, and they are expensive.
- Nick Quint: We've recently updated the design. There is one at Hahn Garden, and one at Steger and Cochrane. We extended the roofline and added walls. They are more like a screen. They are perforated to allow wind to pass through for safety and security reasons but a big improvement to the previous design. Agreed that they weren't very functional. The new ones cost more.

#### CASEC Report to UC (Jack Leff)

• Office of Sustainability in partnership with many academic folks have been working on a series of roadshows to talk about the CAC and its importance to a variety of constituents. We've made our rounds to most VT offices and looking at a second round with the Senates. We also had a brief roadshow to the University Council. Shared governance has undergone significant changes and UC is generally not currently taking in-person presentations. So, the way we will report to the UC is going to be through official reports. We should consider providing regular reports so leaders of the university are up to date on what we're doing in terms of climate policy, what the subcommittees are working on, etc. I will draft the report. What is most important to the group for me to emphasize to the UC?

#### 5. Announcements

- Kristina Cook: If you have announcements you feel would be beneficial to the group, please let me know and I can include them in this section of the presentation.
- Emily Vollmer: New Sustainability Newsletter: Let Emily know if you want to be added to the listserv.

#### 6. Adjournment

There being no further business, a motion was made and seconded to adjourn the meeting at 3:01pm.



**Energy & Sustainability Committee** 

January 23rd, 2023 - 2:00 PM





# Agenda

- Welcome, Opening Remarks, and Membership Updates
- Approval of Proposed Agenda (if a quorum is present)
- Meeting Minutes: Electronic Vote Results
- Subcommittee Updates
- Old Business
  - Green RFP Update
- New Business
  - CASEC Report to UC
- Announcements and Open Discussion



Sustainable Campus Culture, Engagement, and Sustainable Choices



### **Zero Waste**



### **Carbon Neutral Commuting and Carbon Neutral Fleet**



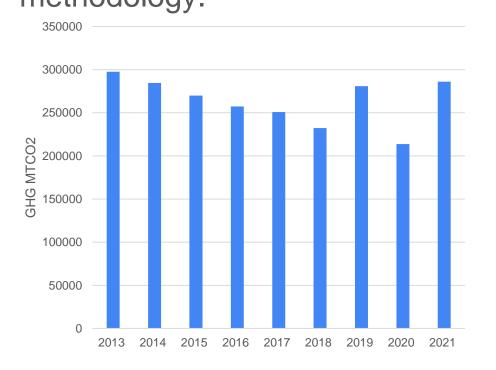
### Climate and Sustainability Education and Research (CSER)

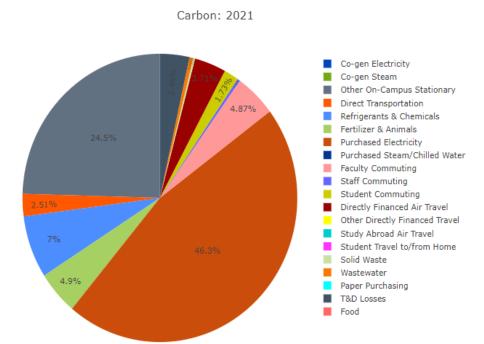


### Greenhouse Gas Inventory

Members: Simona Fried (convener), Sean McGinnis, Steve Durfee, Rob Lowe, Eli Meyer, Stephen Ruppert

**Update and Goals:** 2021 report complete and in design phase. Begin 2022 report ASAP with improved data collection methodology.





| Year | GHG (MT<br>CO₂) |
|------|-----------------|
| 2013 | 297,488         |
| 2014 | 284,489         |
| 2015 | 269,874         |
| 2016 | 257,244         |
| 2017 | 250,867         |
| 2018 | 232,260         |
| 2019 | 280,781         |
| 2020 | 213,720*        |
| 2021 | 285,613         |

\*Estimated with limited analysis due to COVID-19 pandemic.

# Carbon Offset & Management Subcommittee

#### **Members:**

- Sean McGinnis, Simona Fried, Rob Lowe, Eli Meyer, Kristina Cook
- We would welcome any other faculty/staff/students who are interested in this topic

#### **Update and Goals:**

- The team met in January to discuss Carbon Offsets and Renewable Energy Credits (RECs)
- All members agree that Carbon Offsets are lower priority for resources than projects that directly conserve energy, increase efficiency, or generate renewable energy to avoid emissions. This was also a consensus recommendation in the 2020 Climate Action Commitment (CAC).
- Some carbon offsets will likely be needed to offset direct fuel use (natural gas and transportation fuels) to get to carbon neutrality in the short term (2030) before options exist to replace these fuels with other zero-carbon options.
- Hydropower RECs (Claytor Lake) from our electricity utility (APCO) were purchased to offset significant GHG
  emissions in 2019. RECs were not purchased for 2020 or 2021. This contributes to the higher total campus
  GHG emissions for the new 2021 report compared to 2019.
- This group will continue to research various local/regional Carbon Offsets and RECs with the goal of understanding their advantages, limitations, and costs to make a ranked list of options for the future.
- VT experts from Forestry will be invited to help educate this subcommittee (and others) on opportunities and limitations for local forest carbon measurements and offsets through tree sequestration.

# 2022-2023 Green RFP Update



### 2022-2023 Green RFP Process and Timeline

| DATE     | ACTIVITY  |
|----------|---|
| Sep 11   | Green RFP 2022-23 announcement  |
| Nov 11   | Proposal deadline to CASE office                                      |
| Dec 1    | CASE office coordinates review with subject matter experts            |
| Jan 23   | CASEC Subcommittee to begin review & prioritize proposals             |
| Feb 27   | Subcommittee presents recommendations to CASEC for approval           |
| Mar 6    | CASEC presents proposals to the Office of Budget & Financial Planning |
| Mar/Apr  | OBFP convenes Budget Review Committee- identifies funding sources     |
| May/June | Select proposals approved - implementation initiated in summer        |

### **Green RFP Subcommittee**

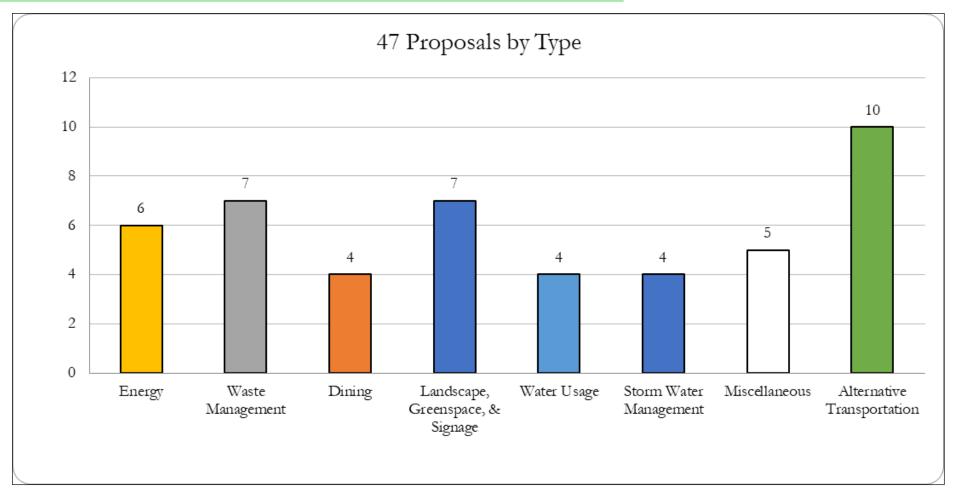
### Evaluation criteria:

- 1. Does the proposal support the goals of the climate action commitment
- 2. Does the proposal generate savings
- Does the proposal pertain to energy reduction/conservation or enhance social/ecosystem services
- 4. Does the proposal address a one-time or ongoing need
- 5. Does the proposal leverage other funding sources or volunteers

#### **Current Members:**

- Kristina Cook
- Nathaniel Humphries
- Yugasha Bakshi
- If you are interested in serving, please let me or Kristina know.

### **Green RFP Breakdown of Proposal Types**



- These proposals went through a 2 layer review by the office of sustainability and by subject matter experts in the above categories.
- Ranked Category 1 4
- Category 1 proposals have merit and are feasible to move forward for subcommittee review

| Number | Title & Description  | Student Organization                                       | One-Time<br>Cost | VTCAC<br>Points |
|--------|--|--|------------------|-----------------|
| 1      | Bike Rack - 5 loops - Jamerson Athletic Center: This proposal would add another bike rack to Jamerson to relieve over-utilization outside this building.   | Hokie Bike Hub   | \$ 2,500.00      | 1, 9, 12        |
| 2      | <b>Dero Bike Fix-It Station - Owens Hall:</b> This proposal would add a bike fix-it station to a popular area of campus near residence halls to incentivize student use.                                     | VT Mountain Bike Club                                      | \$ 3,800.00      | 1, 9, 12        |
| 3      | Longterm Bike Rental Program: This proposal seeks to fill the alternative transportation hole left by the departure of "Roam" bike share program and Zip car by creating VT's own bike share rental program. | Graduate Urban Affairs and<br>Planning Association (GUAPA) | \$ 21,300.00     | 1, 9, 12        |
| 4      | <b>Bike Racks - 5 Buildings:</b> This proposal would add 8-loop bike racks at high utilization areas around West Ambler Johnston, Cochrane, NCB, Campbell, and Jamerson.                                     | GUAPA  | \$ 31,500.00     | 1, 9, 12        |
| 5      | Covered Bike Racks - Hoge and Newman Hall: This proposal would add a covered bike rack near each hall to incentivize bike usage.   | Alternative Transportation<br>Office Intern                | \$ 36,000.00     | 1, 9, 12        |

| 6  | <b>EV Charging Stations - The Inn at VT:</b> This proposal would fund the purchasing and installation of 6 level 2 charging stations to replace the 2 old charging stations in the main parking lot at the Inn.                           | Office of Sustainability GA   | \$<br>126,400.00 | 1, 9, 12     |
|----|---|---|------------------|--------------|
| 7  | Washington St. Bike Lane: This proposal would replace on-street parking on Washington St. and restripe to accommodate east and west bound bike lanes.   | Sustainable Land<br>Development Club  | \$<br>53,200.00  | 1, 9, 12     |
| 8  | Compostable Paper Straws - Dining Halls: This proposal seeks to add compostable paper straws to every dining hall similar to the current setup in Turner.   | UAP 3354 - Introduction to<br>Environmental Policy and<br>Planning (Urban Affairs and<br>Planning Course) | \$<br>7,400.00   | 1, 7, 12     |
| 9  | Hydroponics Extension Sytem - The Market: This proposal seeks to add a 12 bay extension to the current hydroponics system in The Market to facilitate the growth of herbs and plants that are expensive to purchase otherwise.            | Office of Sustainability - Food<br>Interns  | \$<br>1,500.00   | 1, 8, 10, 14 |
| 10 | Occupancy Sensors and LEDs - New Res Hall East and Peddrew-Yates: This proposal would fund the installation of occupancy sensors and LED lights in stairwells, hallways, rooms, and bathrooms to reduce energy usage and light pollution. | UAP 3354 - Introduction to<br>Environmental Policy and<br>Planning (Urban Affairs and<br>Planning Course) | \$<br>182,600.00 | 1, 4, 12     |
| 11 | SW Chiller Plant Green Wall Improvements: This proposal seeks to improve the failing green wall on the chiller plant through providing irrigation, amended soils, and additional climbing plant species.                                  | GUAPA   | \$<br>6,600.00   | 1, 4, 6, 10  |

| 12 | Pollinator Garden 1 - SE of Southgate Dr & Huckleberry Trail: This proposal would add another pollinator garden just across the road from one being installed this year in support of Bee Campus USA, providing habitat and educational opportunities.                                       | MGT 2354 - Leadership for<br>Managers and Entrepeneurs<br>(Management Course) | \$<br>7,200.00  | 1, 6, 10     |
|----|--|---|-----------------|--------------|
| 13 | Tree Planting - Owens, Dietrick, and Payne Halls: This proposal would add a total of 500 trees between the 3 sites identified that would increase campus carbon sequestration and canopy cover. It will also mitigate erosion on these steeper slopes.                                       | Interfaces of Global Change IGEP  | \$<br>8,000.00  | 1, 6         |
| 14 | Pollinator Garden 3 - SE of Southgate Dr & 1st Roundabout: This proposal would add another pollinator garden in the area just beyond the airport runway near the roundabout on Southgate Dr. This would support Bee Campus USA efforts, providing habitat and educational opportunities.     | MGT 2354 - Leadership for<br>Managers and Entrepeneurs<br>(Management Course) | \$<br>9,400.00  | 1, 6, 10     |
| 15 | Tree Planting - Engel Parking Lot: This proposal seeks to plant 11 - 16 trees in open spaces around the Engel lot and replace 5 failing trees. Soils would also be amended were applicable and matched with proper tree species.   | Office of Sustainability - Energy<br>Interns                                  | \$<br>16,000.00 | 1, 12        |
| 16 | Battery Recycling Program - DSA: This proposal seeks to expand the successful battery collection program that ESO currently oversees in 6 buildings. The expansion would include adding a bin/signage to all residence halls and most dining halls. ESO would oversee collections as normal. | Environmental Student Organization  | \$<br>500.00    | 1, 7, 10, 12 |
| 17 | <b>100 Trees for SCC Riparian Restoration:</b> This proposal would support the ongoing restoration efforts along Stroubles Creek with additional tree plantings.   | Environmental Student Organization  | \$<br>1,300.00  | 1, 6, 10, 12 |

| 18           | Stroubles Creek Restoration (Phase 6): This proposal would support the next phase of the Stroubles Creek riparian restoration project. This would include large-scale seedling plantings, education, outreach, and monitoring. The funding would be used to apply for a matching grant to plant approximately 1,900 seedlings. | Stroubles Creek Coalition, VT StREAM<br>Lab  | <b>\$</b> | 25,000.00  | 1, 6, 10, 12    |
|--------------|--|--|-----------|------------|-----------------|
| 19           | Reusable-to-go Container Return Station: Similar to the return station that was just added to West End Market, this container return station could be added to Turner or Squires as Dining Services sees the need. This would help reduce losses from students not returning to-go containers throughout the year.             | Teams and Leadership Class   | \$        | 600.00     | 1, 7, 12        |
| 20           | Sustainable Autoclave - Engel Hall: This proposal seeks to replace the second Autoclave in Engel Hall with a more energy and water efficient model, similar to the one purchased last year through the Green RFP.  | Biochemistry Club and BcGSA  | \$        | 55,000.00  | 1, 4, 7, 10, 12 |
| 21           | Motion Sensor Faucets - McBryde Hall: This proposal would replace existing manual faucets (~63) with motion sensor faucets in order to reduce water waste and improve maintenance.   | UAP 3354 - Introduction to<br>Environmental Policy and Planning<br>(Urban Affairs and Planning Course) | \$        | 24,000.00  | 1, 12           |
| 22           | <b>Bike Lane Improvements - Kent Street</b> : This proposal would reconfigure the street to extend the bike lane and enhance rider separation from traffic or illegally parked cars.   | Sustainable Land Development Club  | \$        | 14,000.00  | 1, 9, 12        |
| 23           | Water Bottle Refill Station - Food Science Building: This would replace the old water fountain on the second floor with a water bottle refill station, similar to the one that was replaced last year on the first floor.  | Office of Sustainability - Water Interns   | \$        | 7,500.00   | 1, 7, 12        |
| 23 Proposals |  | 17 Student Organizations   | \$        | 641,300.00 |                 |



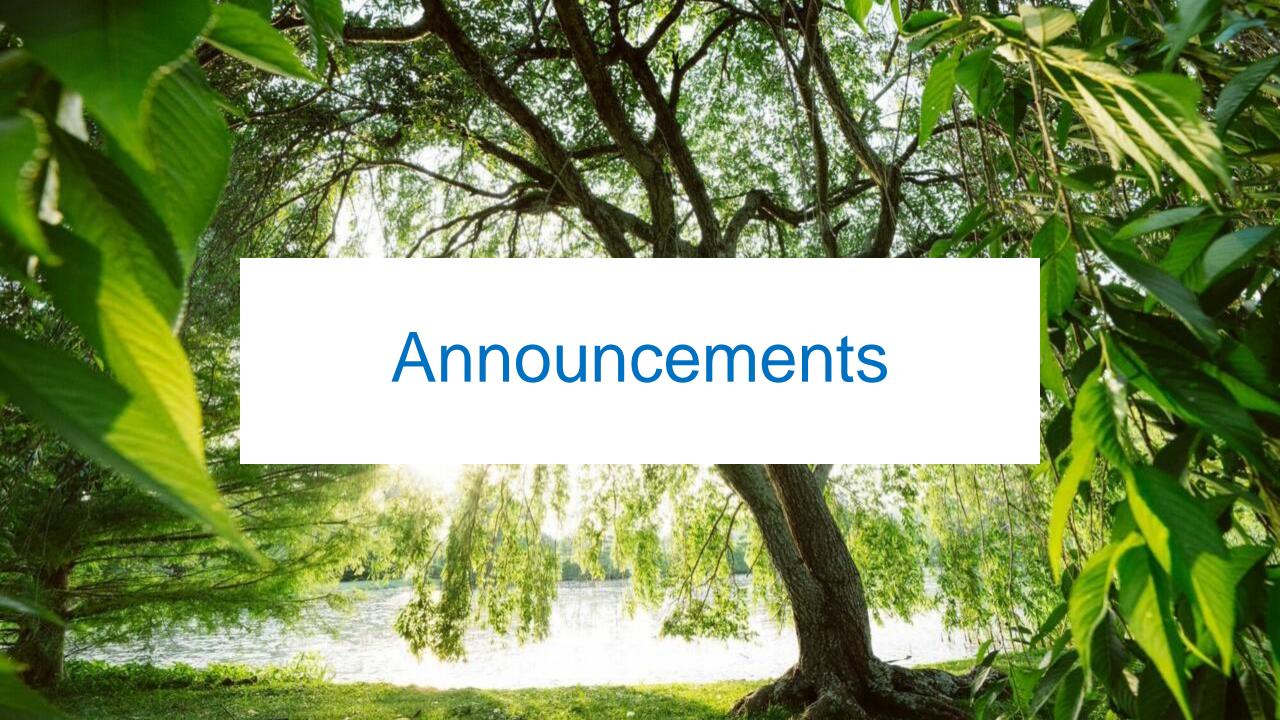
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# **Discussion of CASEC Report to UC**







# **New Sustainability Newsletter!**

 Follow link in the chat to sign up for newsletter listserv.



Next Meeting: February

February 27, 2023 2:00 p.m. via Zoom

