



UBC Vancouver Climate Action Plan 2030

Public Engagement Summary Report

June 2021



THE UNIVERSITY OF BRITISH COLUMBIA

Table of Contents

EXECUTIVE SUMMARY

CLIMATE ACTION PLANNING AT UBC	2
--------------------------------------	---

CAP 2030 PUBLIC ENGAGEMENT	2
----------------------------------	---

ENGAGEMENT ACTIVITIES.....	2
----------------------------	---

WHAT WE HEARD	3
---------------------	---

SUPPORT FOR UBC CONTINUING TO BE A CLIMATE LEADER.....	3
--	---

FIRST AND FOREMOST, WE HEARD BROAD SUPPORT, INTEREST AND PASSION ABOUT UBC’S CLIMATE AND SUSTAINABILITY AGENDA. IT WAS CLEAR FROM THE SUBMITTED FEEDBACK THAT THE UBC COMMUNITY IS ALREADY VERY ENGAGED IN A DIVERSITY OF CLIMATE-FRIENDLY INITIATIVES AND HAS MANY CREATIVE AND INNOVATIVE IDEAS FOR HOW THEY AND THE UNIVERSITY CAN CONTINUE TO SUPPORT THE REGION IN CLIMATE LEADERSHIP.....	3
---	---

SUPPORT FOR A HYBRID APPROACH TO WORKING AND LEARNING	4
---	---

PROMOTE CLIMATE JUSTICE, FAIRNESS AND AFFORDABILITY.....	4
--	---

ENCOURAGE A CLIMATE-FRIENDLY CULTURE SHIFT	4
--	---

DESIGN FOR LONG-TERM CLIMATE IMPACT	4
---	---

NEXT STEPS.....	4
-----------------	---

ENGAGEMENT PROCESS.....	5
-------------------------	---

ONLINE SURVEY.....	5
--------------------	---

VIRTUAL OPEN HOUSE.....	5
-------------------------	---

SPEAKER EVENT	5
---------------------	---

Executive Summary

Climate Action Planning at UBC

In December 2019, [UBC declared a climate emergency](#), which included a commitment to accelerate the reduction of emissions at UBC Vancouver and UBC Okanagan. A key step is UBC's development of a Climate Action Plan 2030 (CAP 2030) for both campuses.

CAP 2030 at UBC Vancouver is building on earlier [climate action plans](#) and successes in climate change mitigation and action, which have resulted in significant emissions reductions from core operations. However, CAP 2030 is enabling UBC to accelerate the pathway to becoming net zero through clean energy solutions and energy-efficient technologies, as well as identifying new ways to reduce emissions in areas that every university community member has influence over including commuting, food, waste, and business air travel.

[Emerging directions and draft targets for CAP 2030](#) were presented to the Board of Governors in February 2021. The final CAP 2030 will be presented to the Board of Governors in November 2021 and will incorporate direction from the Board of Governors, refinement of targets and actions through on-going studies, as well as input received through public engagement.

CAP 2030 Public Engagement

From March 29 – April 16, 2021, UBC's Campus and Community Planning held a university-wide engagement process on CAP 2030. This engagement process was an opportunity for UBC community members to learn about the emerging CAP 2030, ask questions, and share perspectives. Engagement took place on both UBC campuses; however, this report focuses on the Vancouver campus. Please visit [here](#) for more information about the UBC Okanagan CAP 2030 engagement.

Engagement Activities

We heard from a total of **764 participants** through three virtual engagement activities:

- **Online Survey (627 participants):** The online survey was a chance for the UBC Vancouver campus community to submit feedback about the CAP 2030 emerging directions and targets as well as provide insights about the barriers and opportunities for climate action on campus.
- **Virtual Open Houses (92 participants):** Two virtual open houses were held for the Vancouver campus community to connect with the CAP 2030 team over Zoom, watch a presentation and have a Q&A with UBC staff and the planning project team.
- **Speaker Event (45 participants):** A cross-campus staff event was held over Zoom and included small breakout sessions for staff to have detailed discussions on the CAP 2030 emerging directions and targets.

What We Heard

Through our online survey and virtual events, we heard feedback from participants about the emerging CAP 2030, and the barriers and opportunities for climate action on campus. Feedback was focused specifically around five areas focused on indirect emissions (called “extended impacts”): (1) engagement, (2) commuting, (3) UBC business-related air travel, (4) climate-friendly food systems, and (5) waste. The main themes that we heard during the CAP 2030 public engagement are summarized in the infographic and paragraphs below, with more detailed information in the Appendices at the end of this report.

THEMES WE HEARD



Support for UBC Continuing to be a Climate Leader

First and foremost, we heard broad support, interest and passion about UBC’s climate and sustainability agenda. It was clear from the submitted feedback that the UBC community is already very engaged in a diversity of climate-friendly initiatives and has many creative and innovative ideas for how they and the university can continue to support the region in climate leadership.



Support for a Hybrid Approach to Working and Learning

The top comment we received overall was strong support from UBC students, faculty, and staff for a hybrid approach to working and learning following the COVID-19 pandemic. Participants felt strongly that a mixture of remote and in-person activities was the best way to reduce greenhouse gas emissions from commuting, while contributing positively to individual health and wellbeing.



Promote Climate Justice, Fairness and Affordability

Another theme we heard was about ensuring aspects of equity, fairness, and justice are integrated across all CAP 2030 focus areas. This theme was related to a number of topics, such as sustainable divestment, Indigenous partnerships, and acknowledging the intersectionality of climate change impacts. Additionally, students emphasized the need for climate actions that are affordable.



Encourage a Climate-Friendly Culture Shift

There was significant interest amongst participants to use CAP 2030 to incite a culture shift towards more climate-friendly actions and behavior. Feedback included the desire for UBC leadership to lead by example (especially around air travel), holding UBC partners and vendors to a high environmental standard, and strong support for systemic UBC change, in addition to individual behavior change.



Design for Long-Term Climate Impact

A final theme heard from participants was about designing our campus buildings and green spaces to be adaptive to climate changes over the long-term. Notably, feedback surrounded landscape stewardship, green space protection, and thermal comfort considerations for buildings.

Next Steps

The ideas and feedback collected from this public engagement process about the emerging CAP 2030 directions and targets, in combination with further technical work to refine the targets and actions, will inform the final CAP 2030 to be presented to the Board of Governors in November 2021.

Appendix I – Engagement Process Summary

Engagement Process

The UBC Vancouver Climate Action Plan 2030 public engagement was held March 29 – April 16, 2021. Community members participated through an online survey, virtual open houses and a virtual Hot Lunch cross-campus staff event.

This engagement process was guided by Campus and Community Planning's [Engagement Principles](#) laid out in the Engagement Charter. These ten principles define how we engage the public and campus community in the planning and development of our campus, as well as collaborating and partnering on community programs and services.

In total, **764 people participated** in this engagement, either attending the virtual events and/or completing the online survey. Our engagement summary is as follows:

- **92 people** attended a virtual public open house via Zoom.
- **627 people** completed the online survey.
- **45 people** participated in the Hot Lunch staff event.

The online survey questions and detailed feedback analysis are included in Appendix II and verbatim survey responses are included in Appendix III.

Online Survey

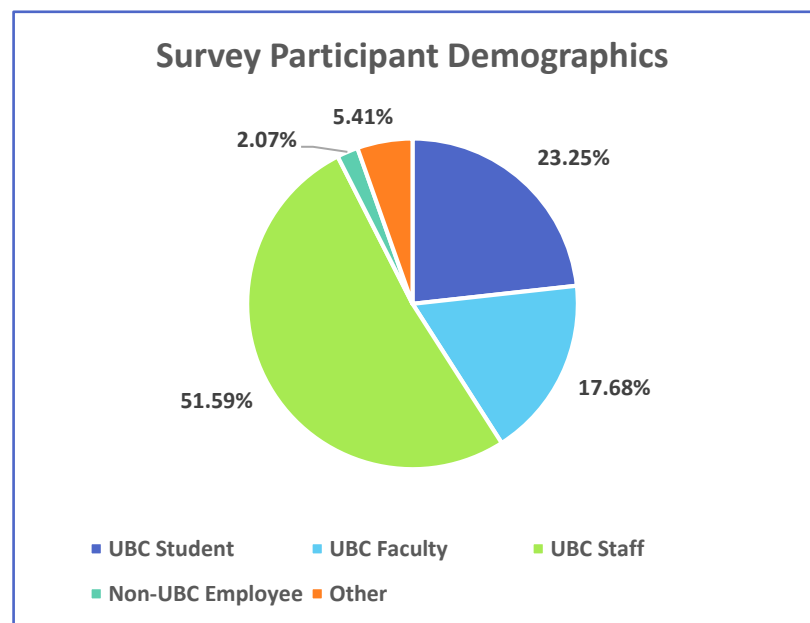
The online survey was a chance for the Vancouver campus community to submit feedback about CAP 2030 emerging directions and targets, as well as provide insights about the barriers and opportunities for climate action on campus. The majority of survey respondents were UBC staff (52%) and UBC students (23%).

Virtual Open House

The virtual public open houses were held on March 30 and April 7, 2020 over [Zoom](#). These events started with a 20-minute CAP 2030 presentation, but then were drop-in style events where participants met for a Q&A with UBC staff and the planning project team.

Speaker Event

The public engagement process was also supplemented with a Hot Lunch speaker event, where John Madden, Director of Sustainability & Engineering at Campus + Community Planning, presented an overview of CAP 2030. This event was held over Zoom on March 31, 2021 and included small breakout sessions for staff to have detailed discussions on the CAP 2030 emerging directions and targets.



Appendix II – Detailed Survey Results

This section outlines what we heard from the Vancouver Climate Action Plan 2030 online survey that was conducted between March 29 – April 16, 2021.

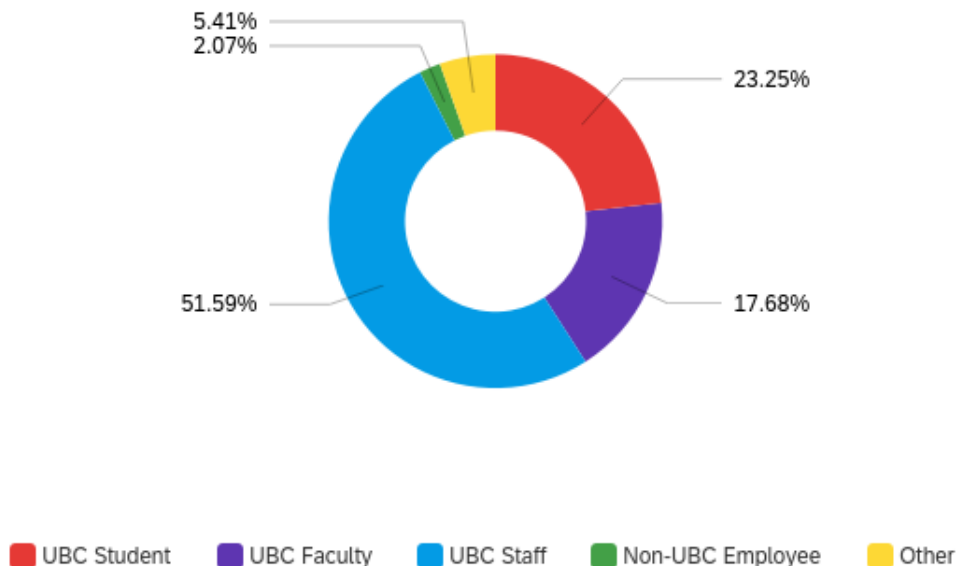
Both qualitative and quantitative feedback were collected through the online survey. The quantitative feedback is summarized below in a number of different charts and visualizations. This data was collected through multiple choice and Likert scale questions, with options to add text entries under “Other” for most questions. It is important to note that most questions had the option to “select all that apply,” so percentages of responses will not sum up to 100%.

The qualitative verbatim responses collected were reviewed and themed according to the sentiment of each comment. Top themes for open-ended survey questions are highlighted in the tables at the end of this Appendix. These include themes with an occurrence rate of 5% or more of the total number of comments for each question.

The top themes heard in the following charts and tables were collected and analyzed to develop the key takeaways for what we heard in the Executive Summary of this report. Responses to multiple choice, ranking and “other” text entry questions were combined with open-ended question responses to identify the top opportunities and barriers to specific climate actions for the Vancouver campus.

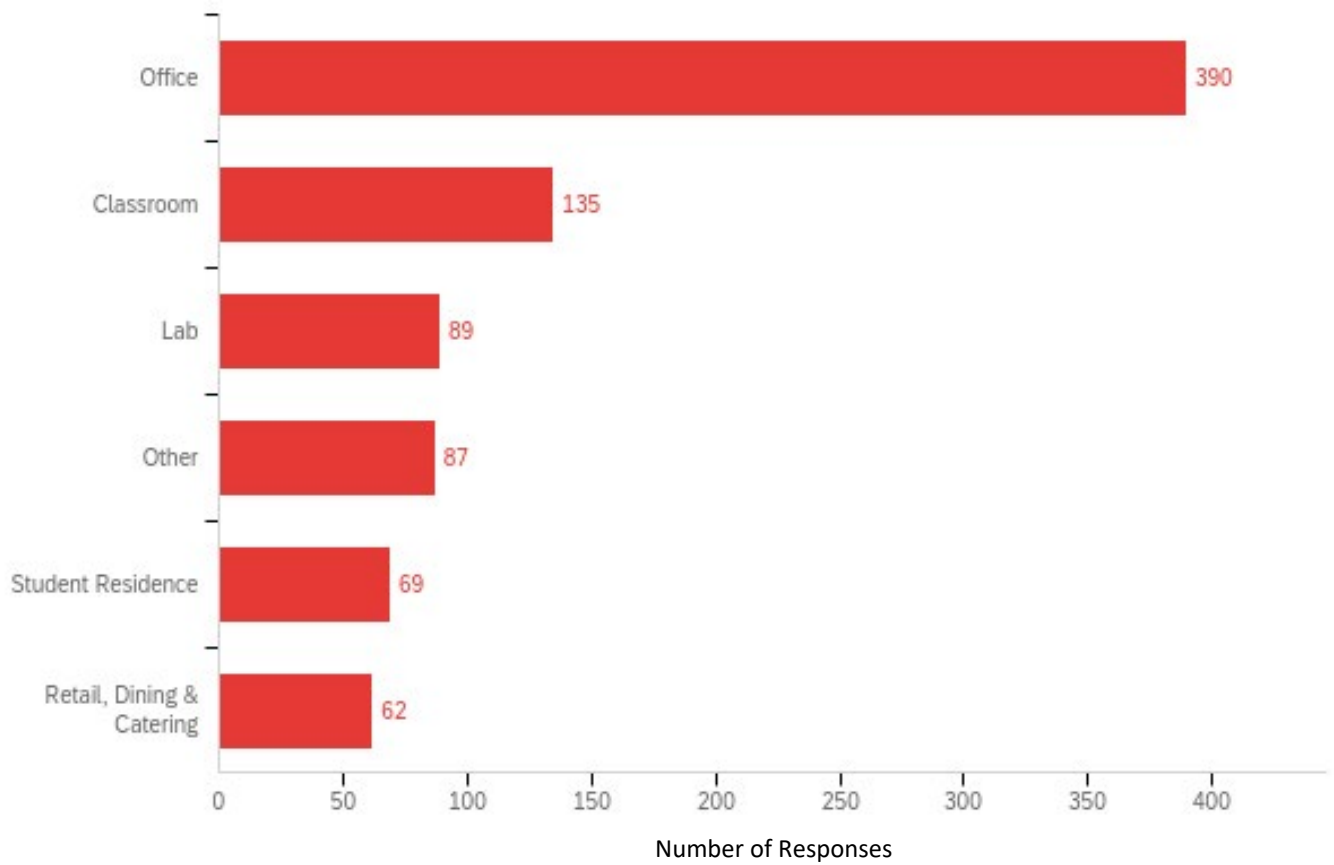
Section 1: Demographics

1. What is your primary connection to UBC?



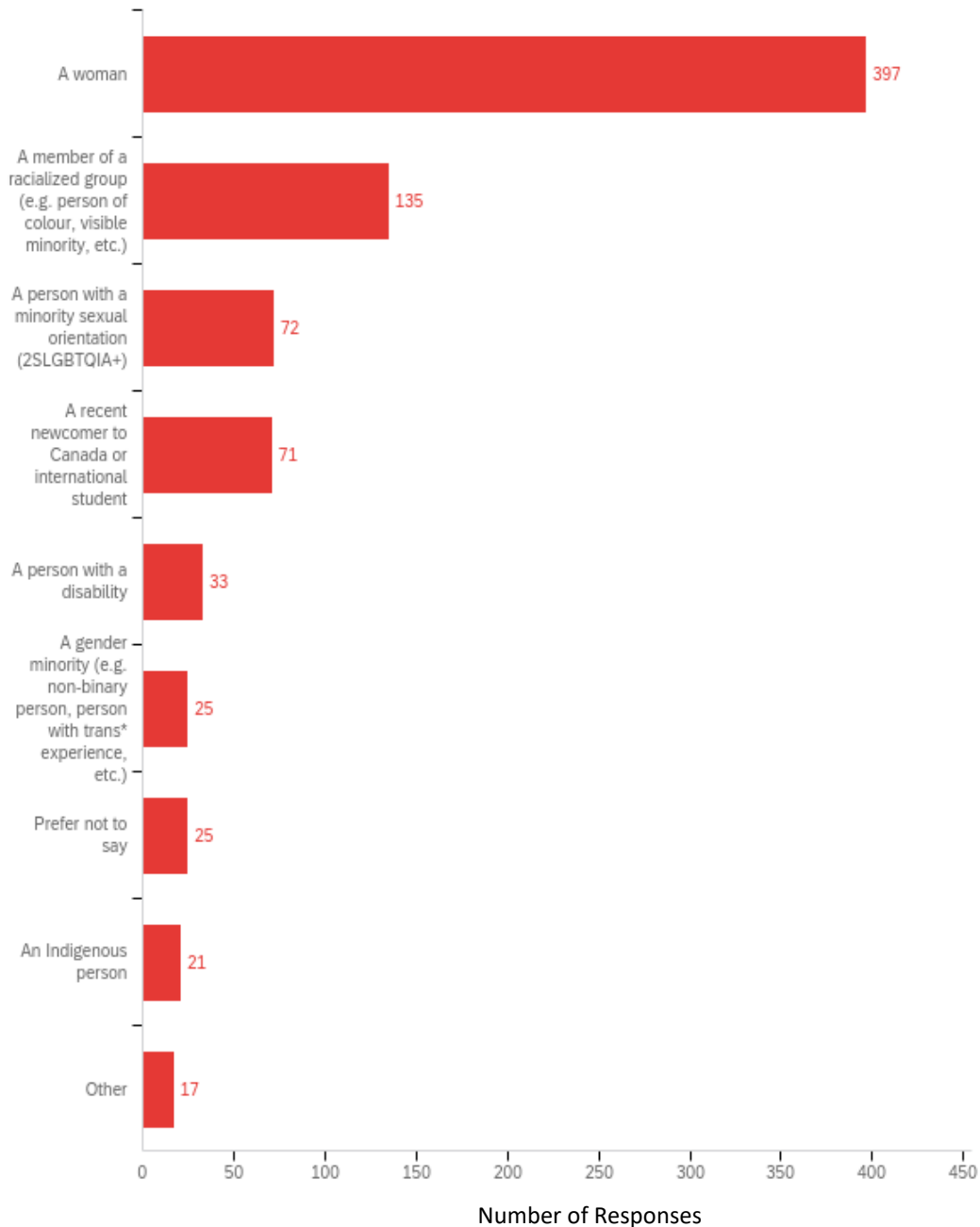
Other: Alumni, multiple affiliations and emeritus professors.

2. When not based remotely due to COVID, where do you spend the majority of your time on campus? (Select all that apply)



Others: Library, retired/home, recreation facilities, hospital.

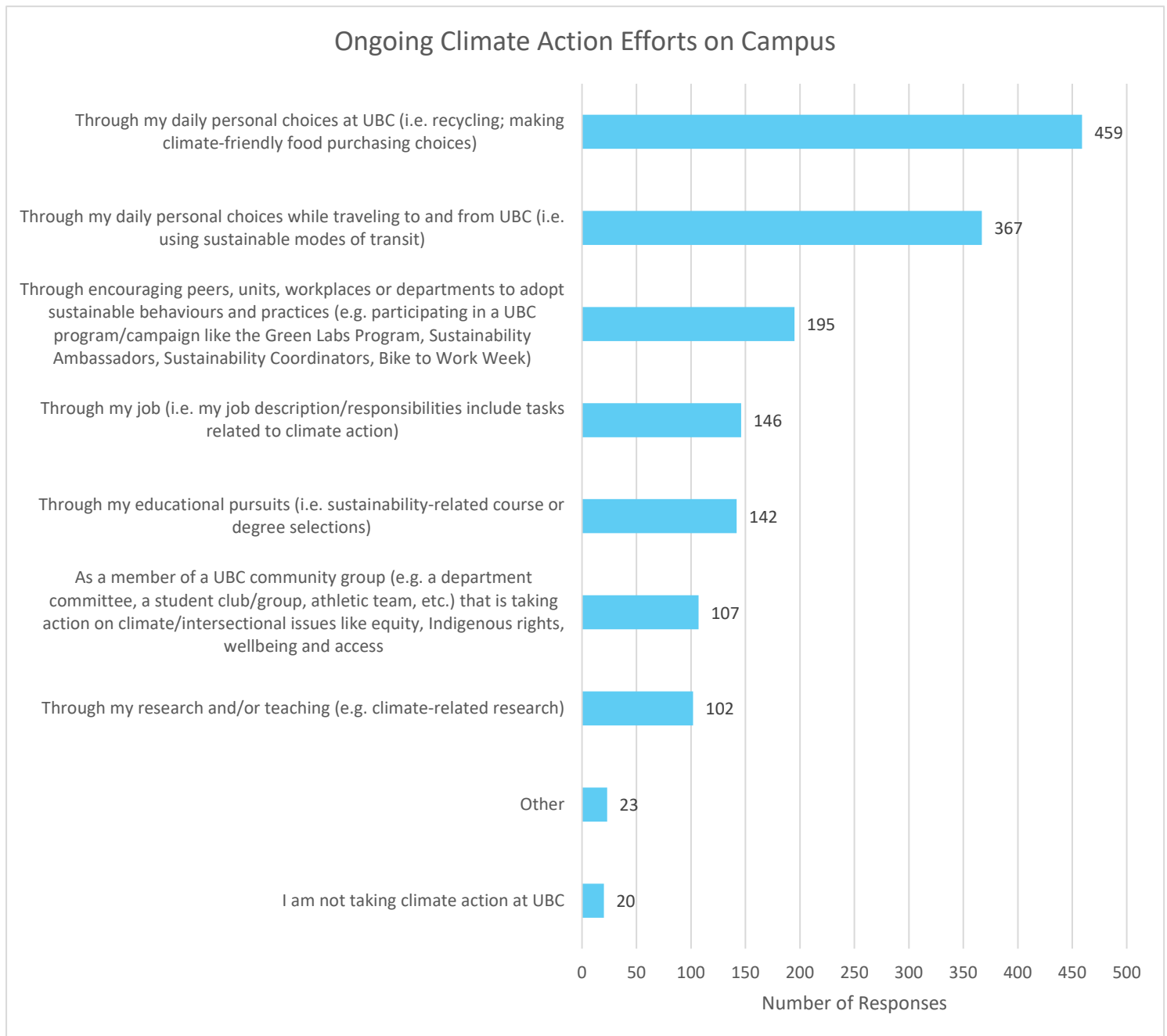
3. UBC is interested in knowing whether the voices of groups who have been historically, persistently, or systemically marginalized are represented in this engagement process. Do you self-identify as (select all that apply):



Others: Mental and physical health issues, mothers and carers.

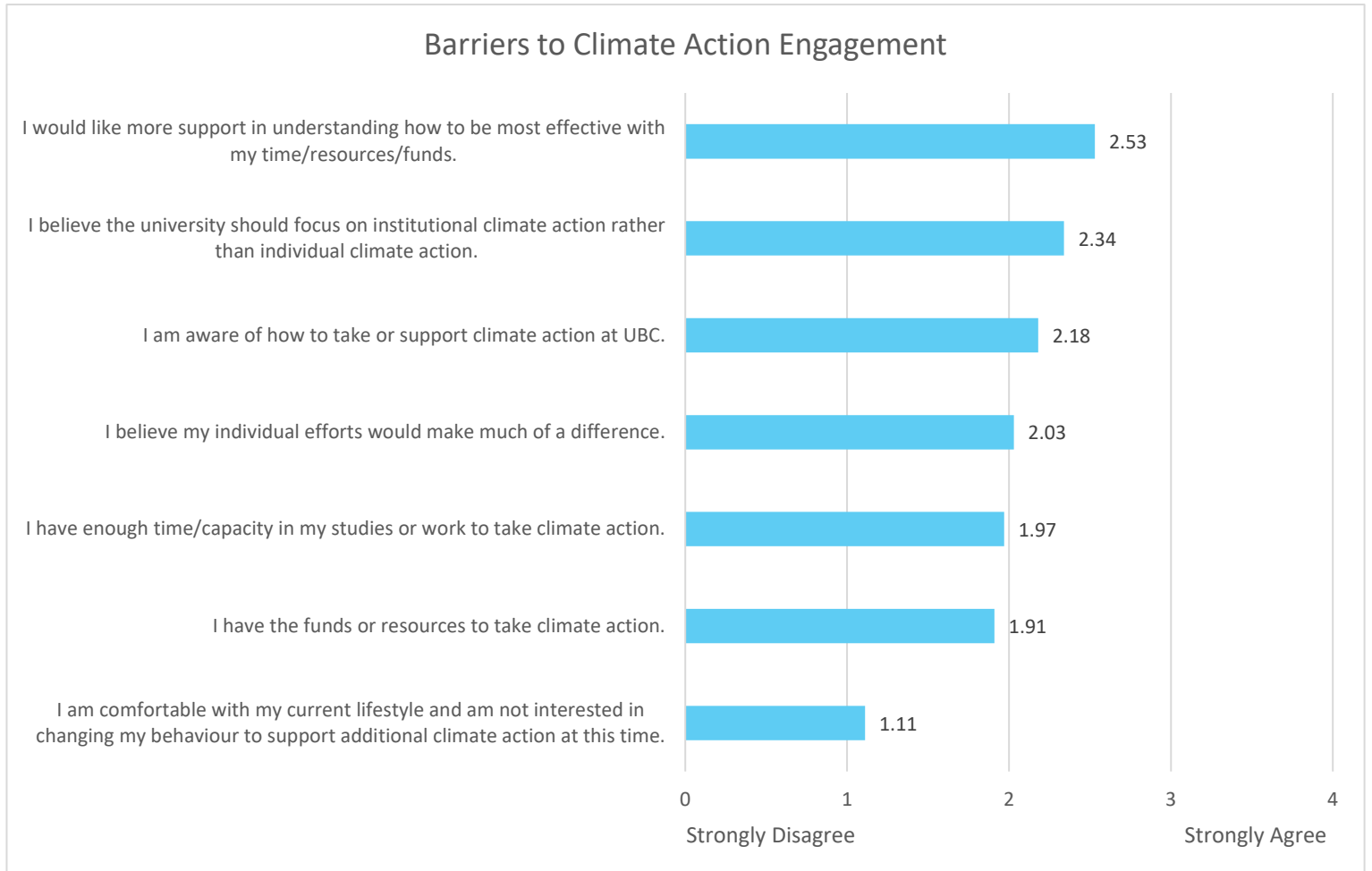
Section 2: Engagement

- 1. We recognize that many efforts to address the climate crisis are already ongoing across UBC's campus. How have you been taking climate action and/or supporting others to take climate action at UBC? (Select all that apply)**



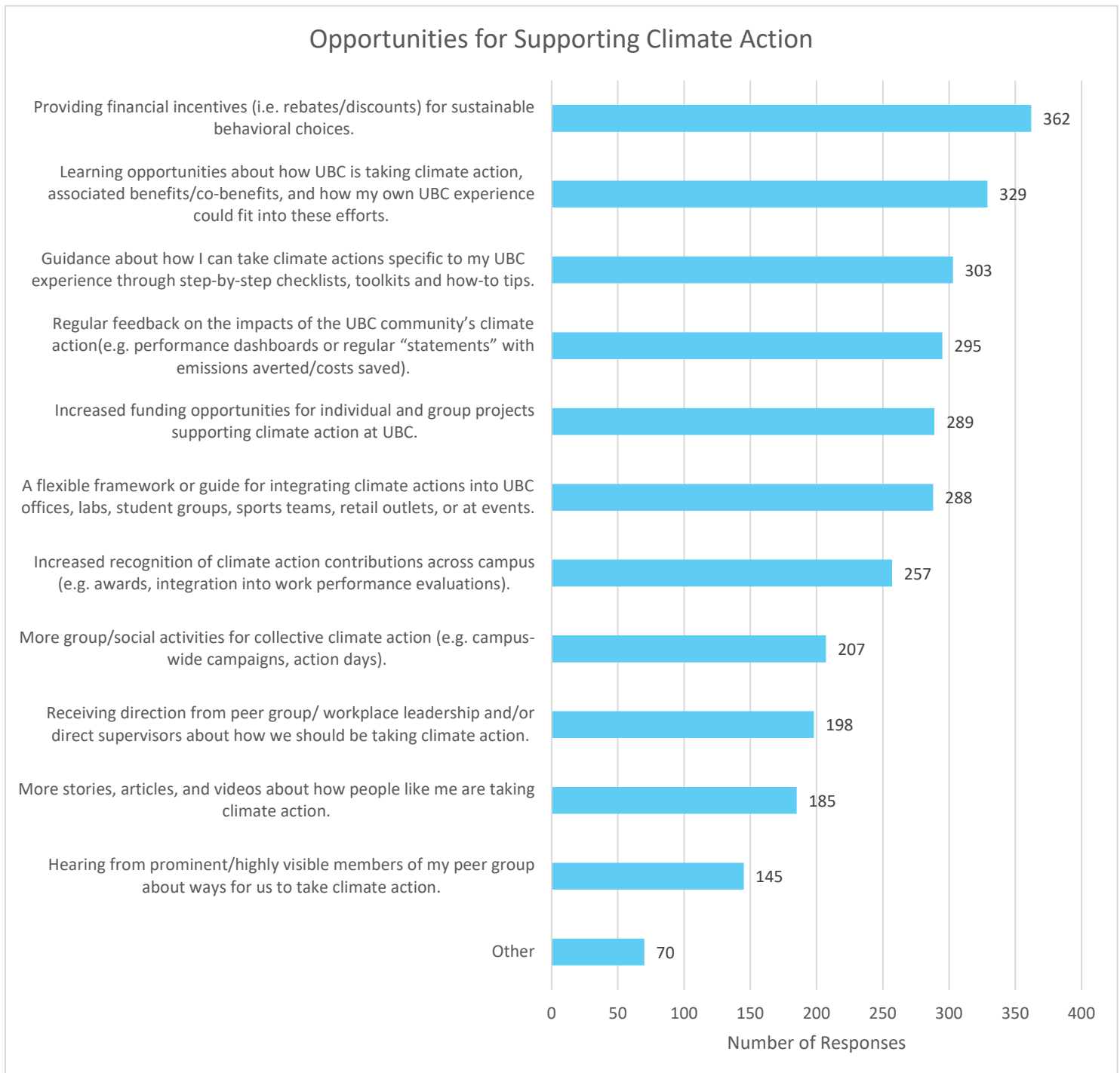
Other: Shop at UBC Farmers Market, participate in campus campaigns and rallies, supporting others to make climate friendly choices, working from home,

2. To help us understand the barriers (all/if any) to taking general climate action at UBC that you have experienced, how much would you agree or disagree with the following statements (0=Strongly disagree, 4=Strongly agree):



Other: Change needs to include levels of government, divestment, green jobs training, university needs to implement institutional actions in addition to actions by individuals, UBC leadership should lead by example.

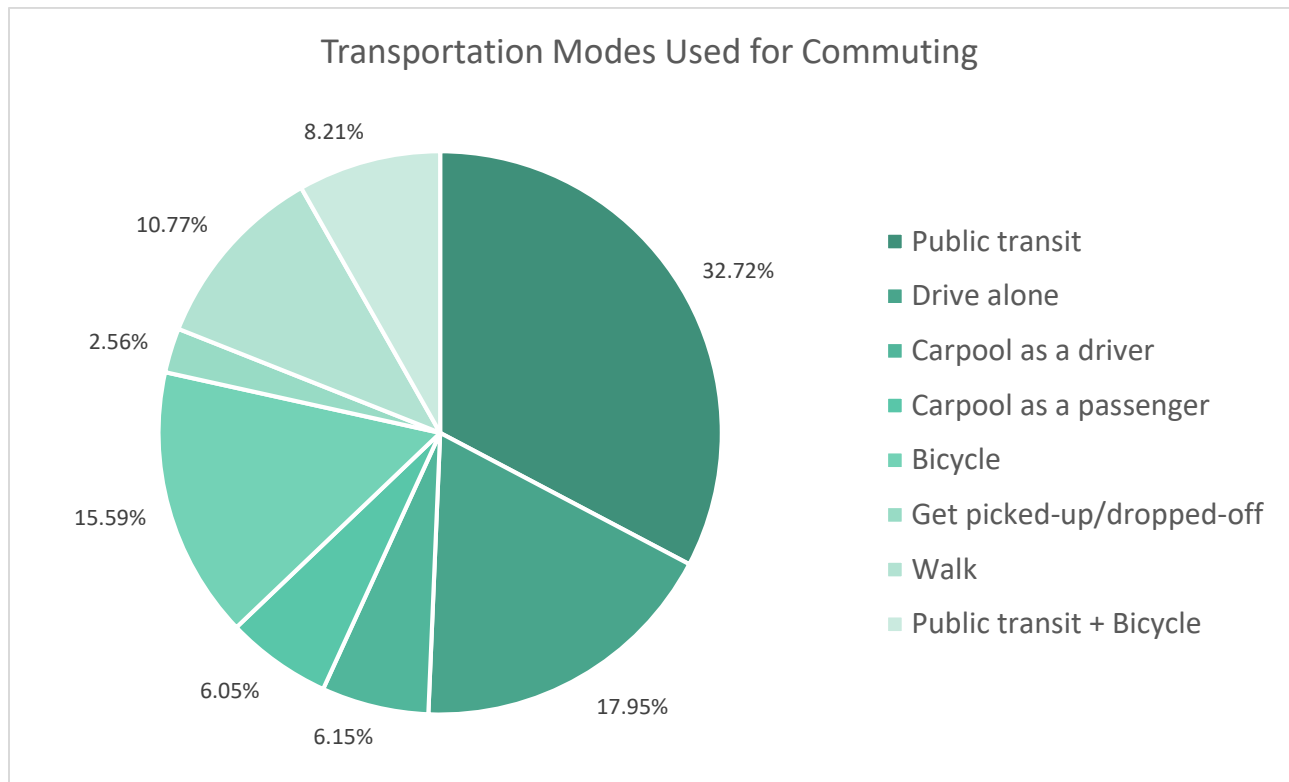
3. Which of the following options would be helpful in supporting you to take climate action at UBC? (Select all that apply)



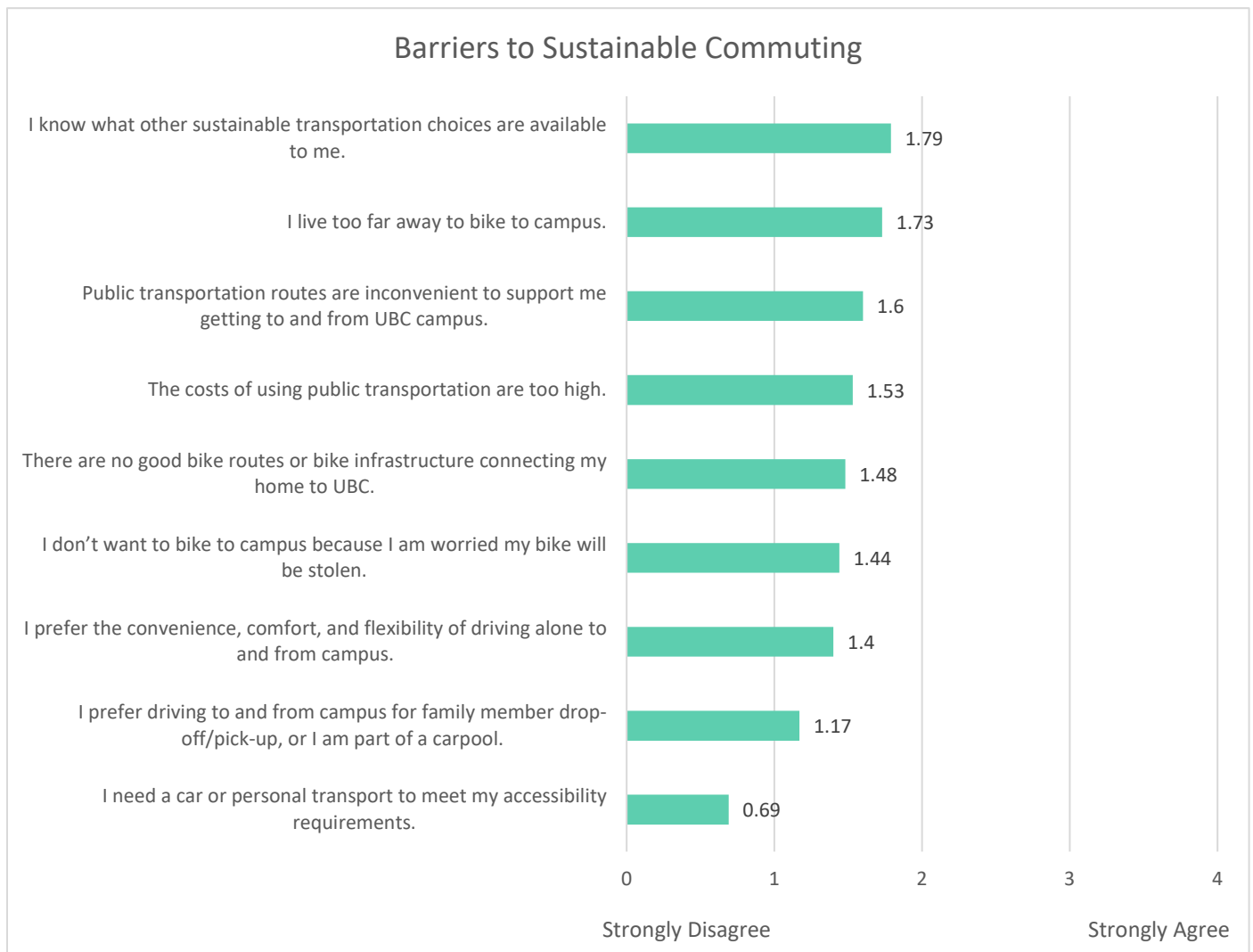
Other: Encourage working from home, more plant-based food options, funding for climate research and carbon neutral infrastructure, clearer information about how to get involved.

Section 3: Commuting

1. Pre-COVID, which modes of transportation did you use to commute to and from campus? (Select all that apply)

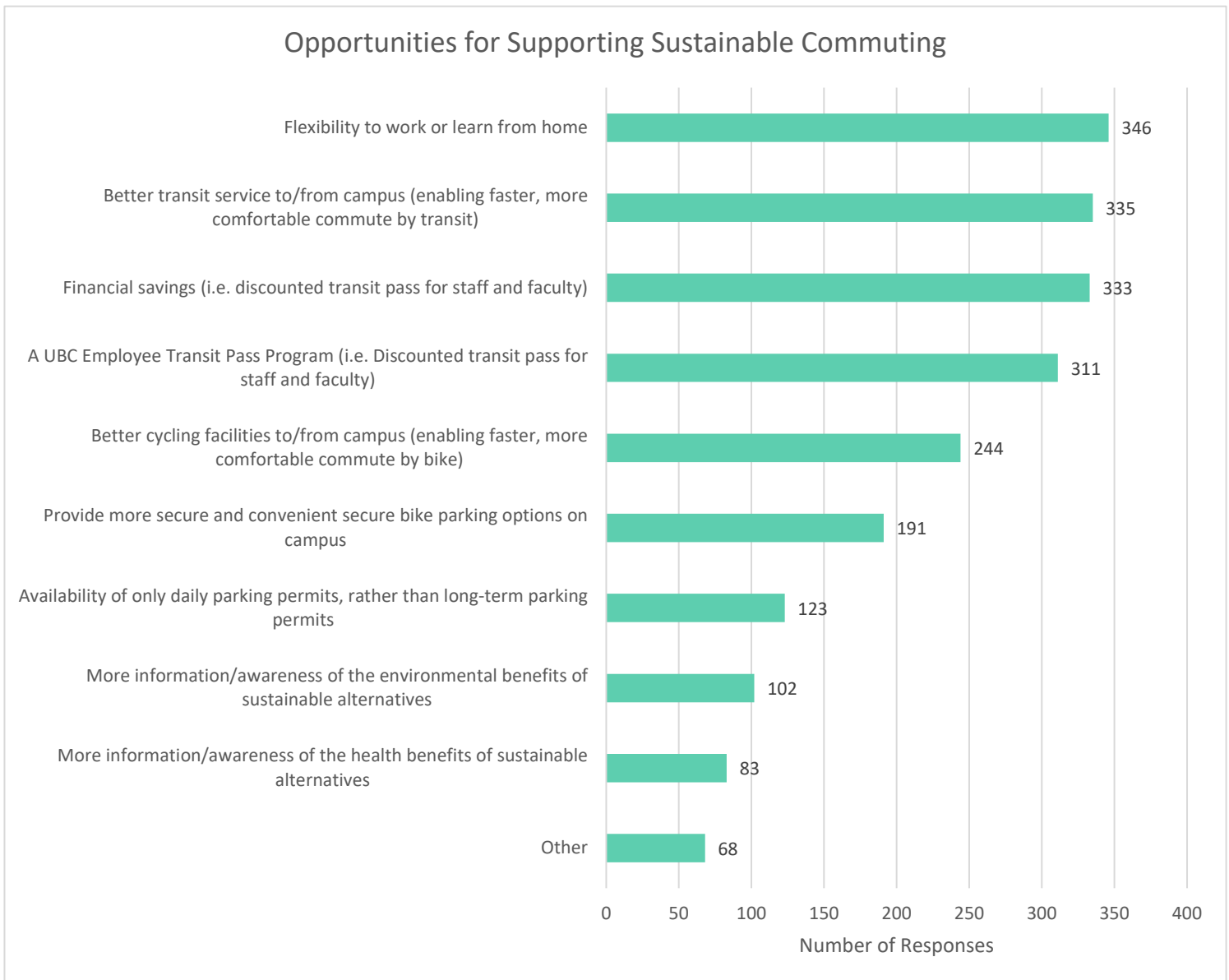


2. To help us understand the barriers to sustainable commuting pre-COVID, how much would you agree or disagree with the following statements:



Other: Need a car for accessibility or pick-up/drop-off, public transit is inconvenient, drive an electric vehicle, lack of end-of-trip facilities.

3. Which of the following options would support you in selecting more sustainable commuting alternatives to and from UBC's campus? (Select all that apply)

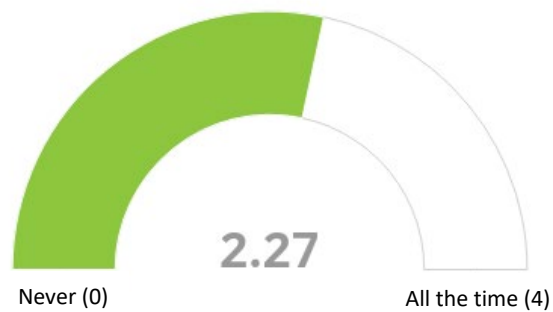


Other: Provide better end-of-trip facilities, encourage remote work, financial incentives to take public transit or use electric vehicles/bikes, increase safety of bike lanes, accelerate the SkyTrain extension to campus.

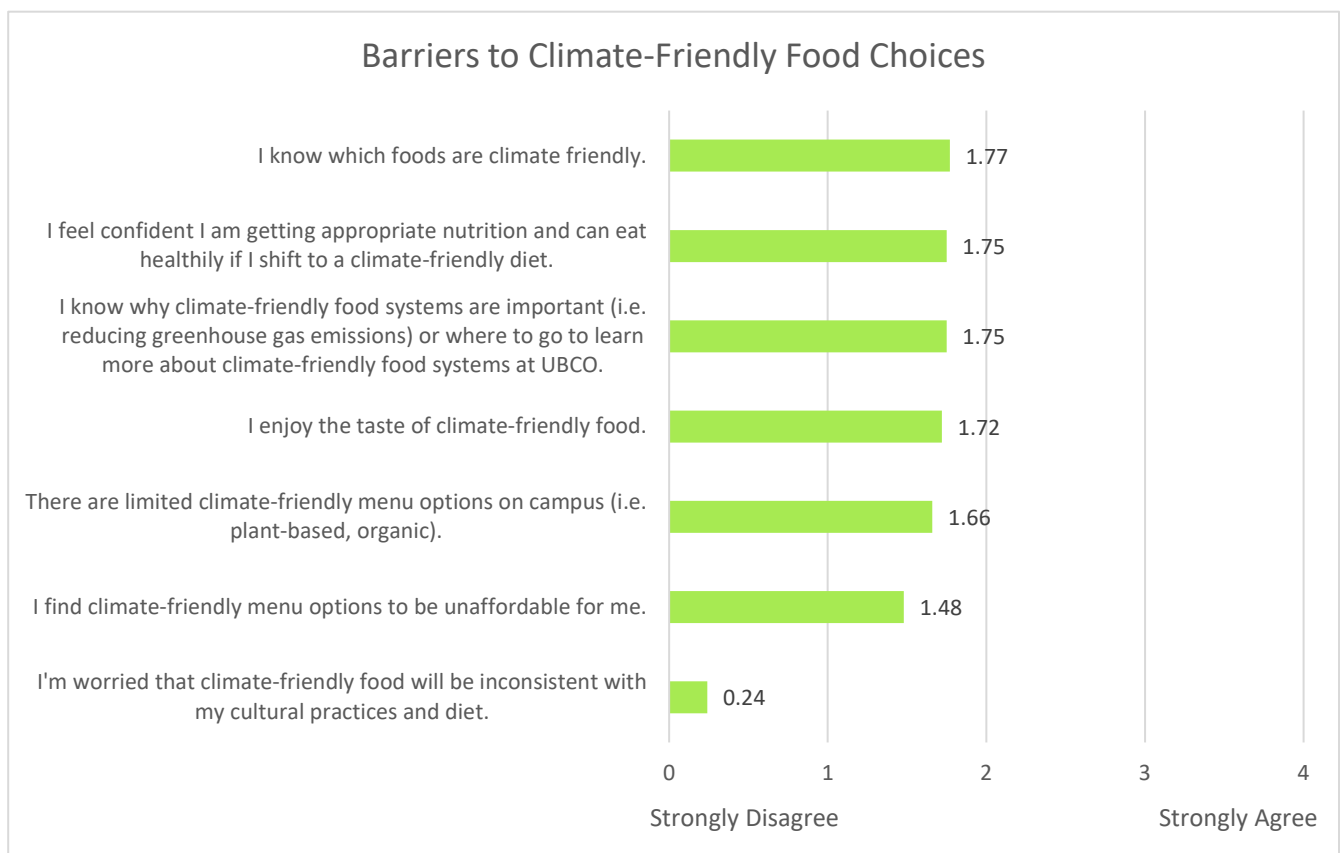
Section 4: Climate-Friendly Food

1. As a UBC community member, how often do you eat climate-friendly foods (i.e. plant-based, organic, local)?

Respondents said that on average they ate climate-friendly foods some of the time.

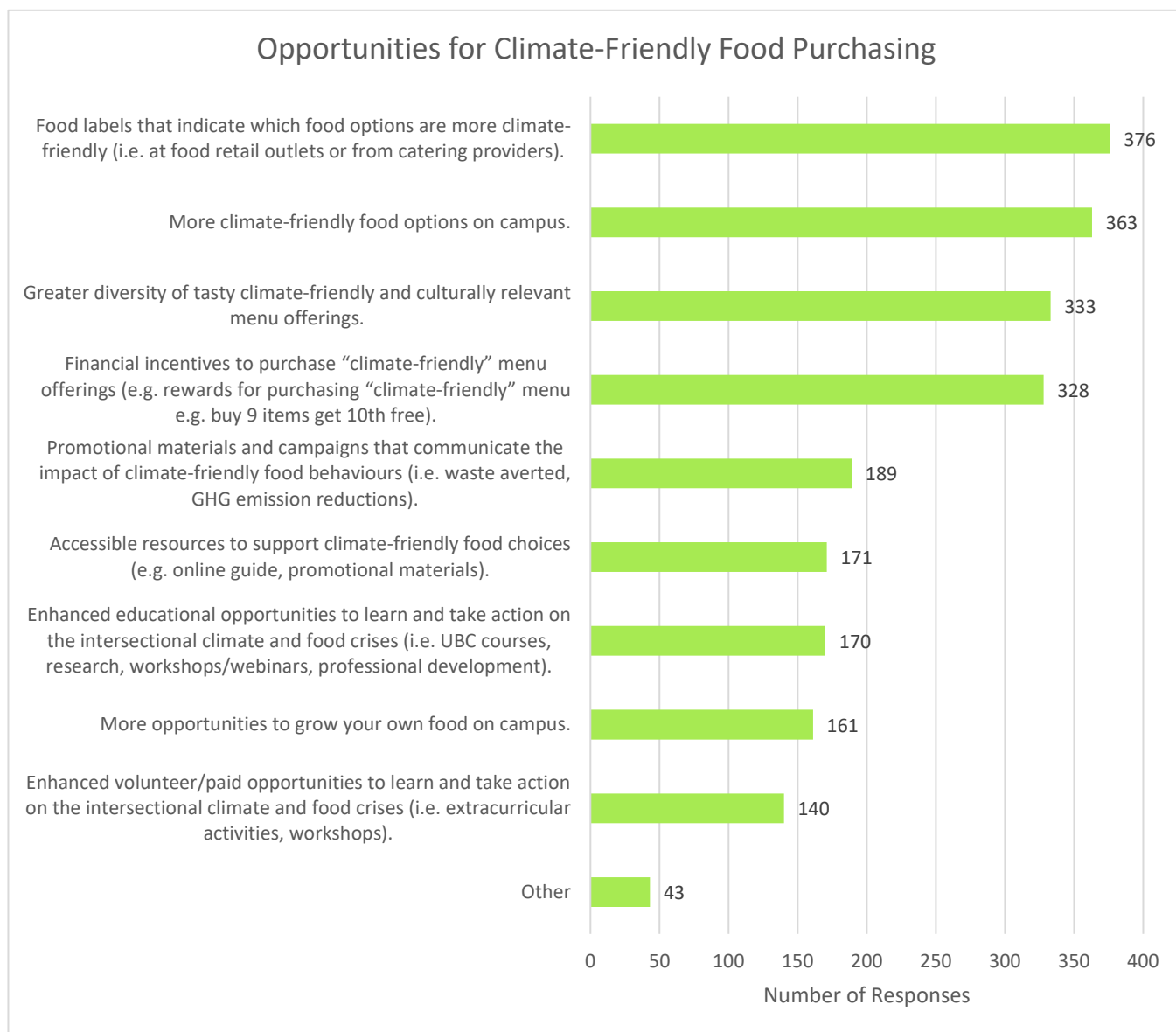


2. To help us understand the barriers to making climate-friendly food choices at UBC pre-COVID, how much would you agree or disagree with the following statements:



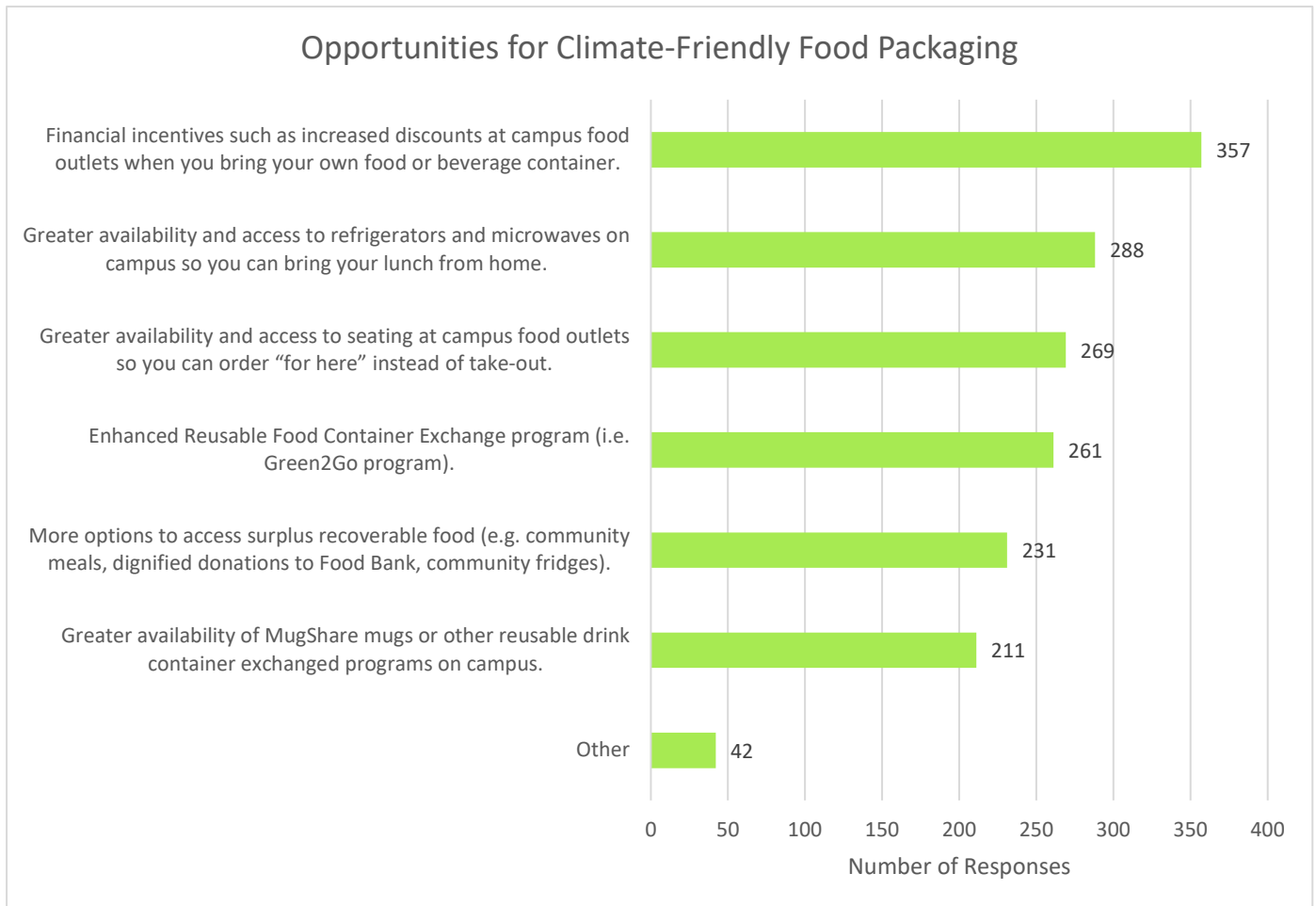
Other: Dietary restrictions, climate-friendly food is more expensive, need more sustainable food packaging, difficult to determine which foods are climate-friendly.

3. Thinking about climate-friendly food purchasing, eating habits and dietary restrictions, which of the following options would support you in making more climate-friendly food choices on UBC campus? (Select all that apply)



Other: More options for those with dietary restrictions and food sensitivities, increase sustainable food options on campus broadly (i.e. plant-based), make climate-friendly food affordable, education around cooking and gardening.

4. Thinking about reducing food waste and packaging, and promoting food recovery, which of the following options would support you in making more climate-friendly food choices on UBC campus?

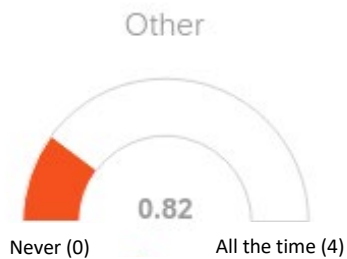
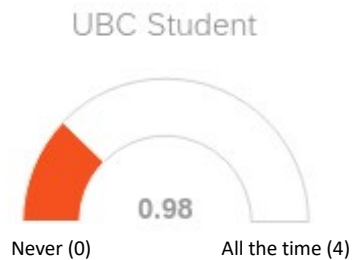


Other: Surcharge on all disposable containers, hold vendors accountable for their packaging, expand container sharing programs, more food options that do not use packaging (i.e. bakery items).

Section 5: UBC Business-Related Air Travel

1. As a UBC community member, how often do you travel by airplane for UBC-related business?

UBC students responded that they rarely travel by airplane for UBC business, UBC faculty travel often, UBC staff travel rarely, and non-UBC employees travel often.

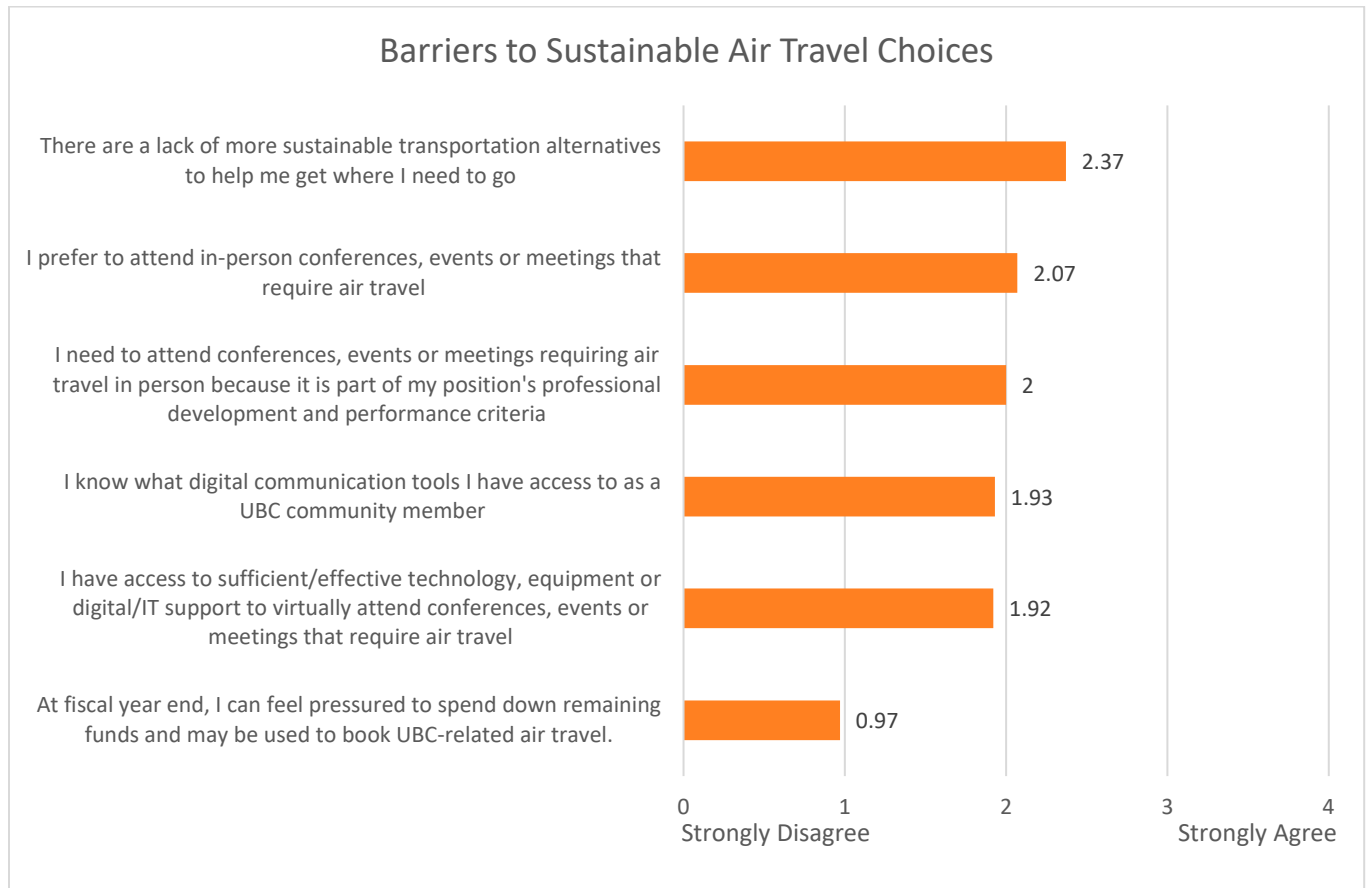


2. The COVID-19 pandemic has provided us with a host of powerful new virtual platforms, allowing us to shift our meetings, events, learning opportunities and conferences online. In the future, compared to pre-pandemic behavior, would you be more or less likely to:

Respondents said that on average they are very likely to reduce air travel, conduct and host virtual meetings, and attend virtual conferences and virtual courses compared to pre-pandemic behaviour.

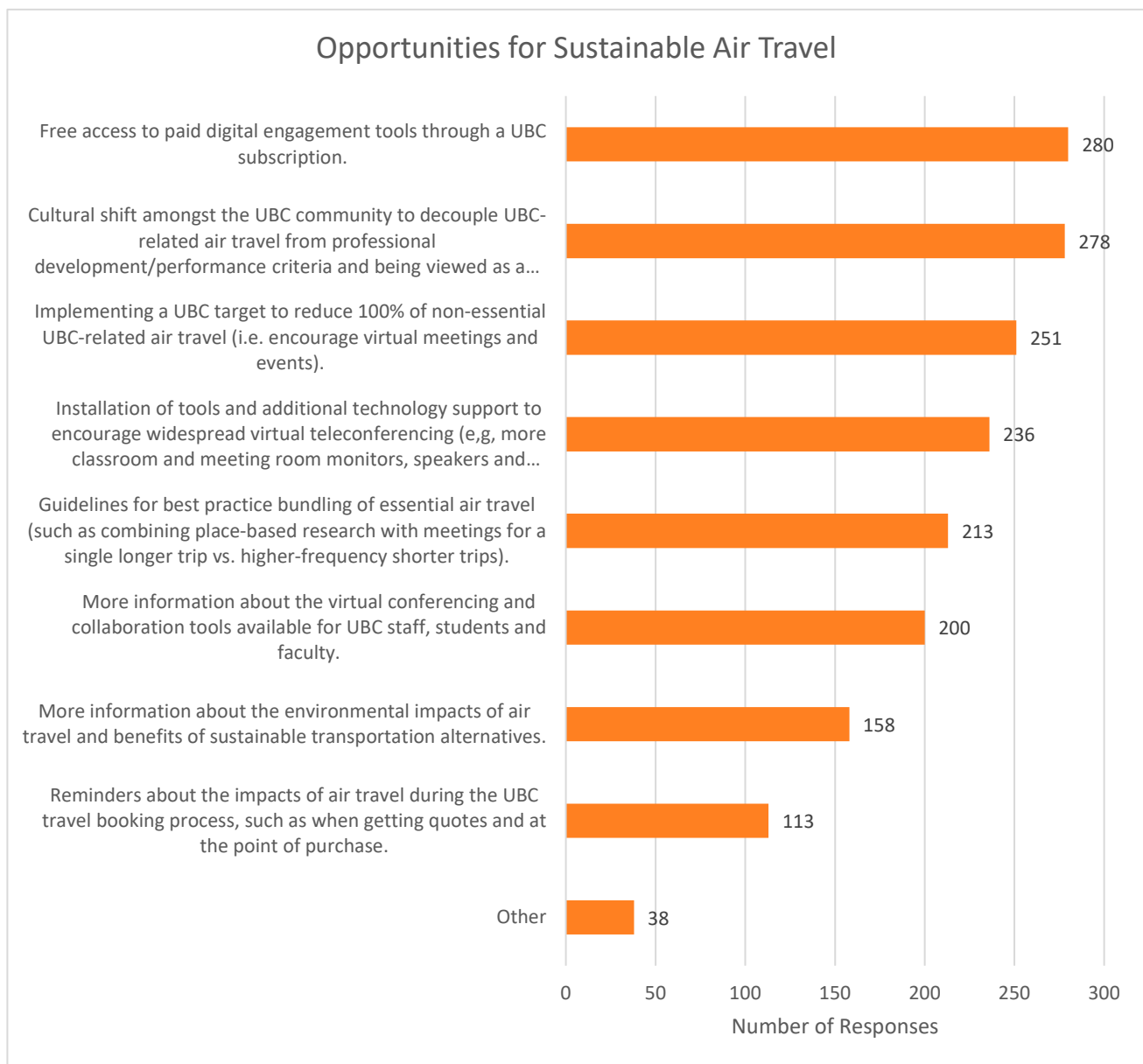


3. To help us understand the barriers to making sustainable UBC business-related air travel choices pre-COVID, how much would you agree or disagree with the following statements:



Other: Prefer in-person conferences; In-person conferences offer many benefits including networking, socializing and professional development; travel is currently viewed as a “perk.”

4. Which of the following options would support you in making more sustainable UBC business-related air travel choices? (Select all that apply)



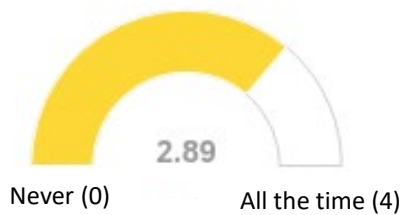
Other: Carbon offset travel program; conferences formats are outside UBC's control; requires cultural shift; incentive programs such as unused travel funds available to departments; formal demerits for frequent flyers.

Section 6: Waste

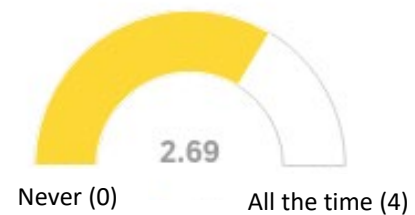
1. As a UBC community member, how often do you partake in the following sustainable waste practices?

Respondents said that on average they reduce and reuse their waste often, and sort their waste almost all of the time.

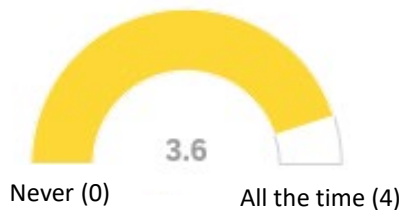
Reduce my waste (i.e. bring your own mug to a coffee shop)



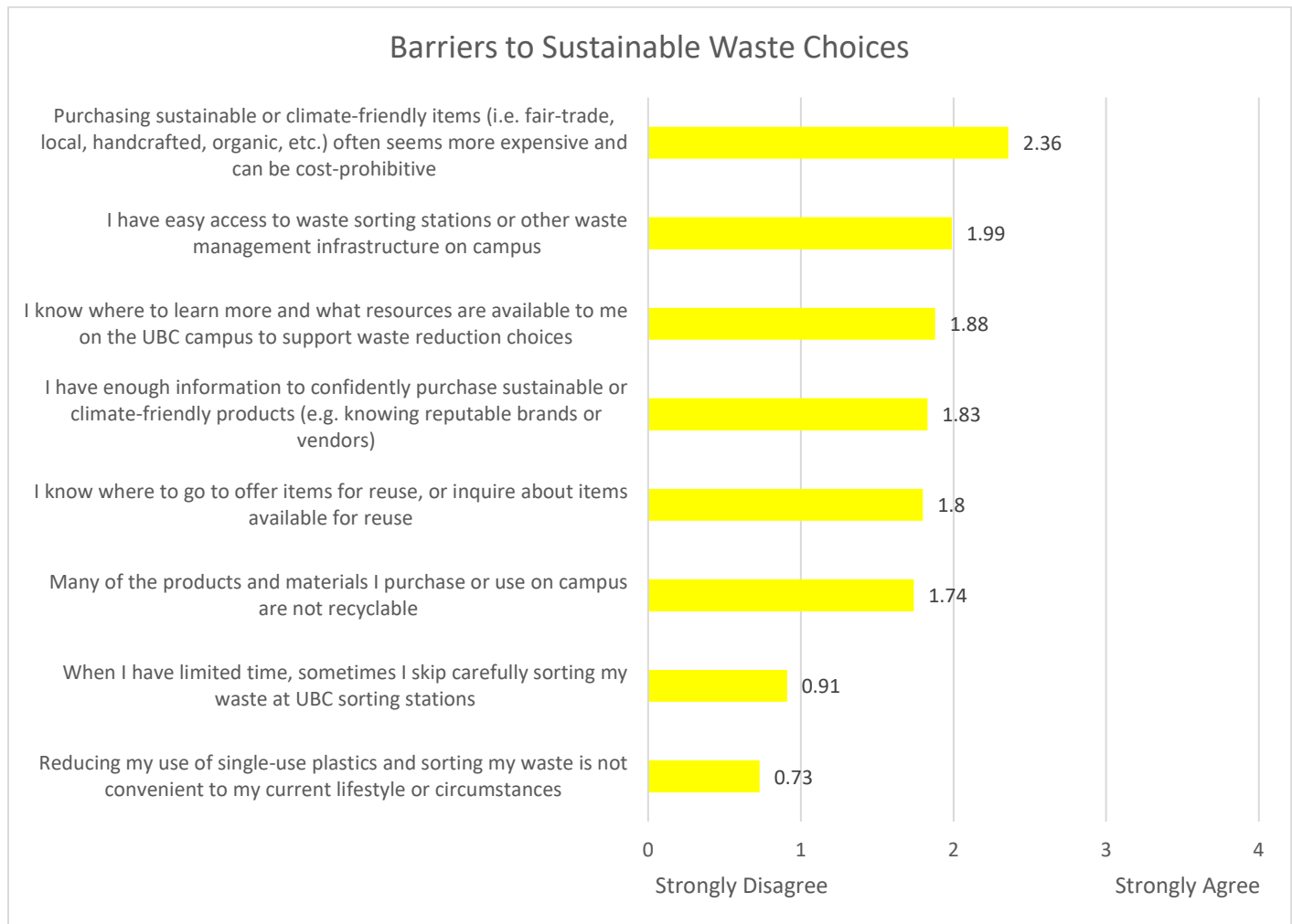
Reuse materials to avoid waste (i.e. buy or sell used furniture)



Sort my waste (i.e. into categories: food scraps, containers, paper and garbage)



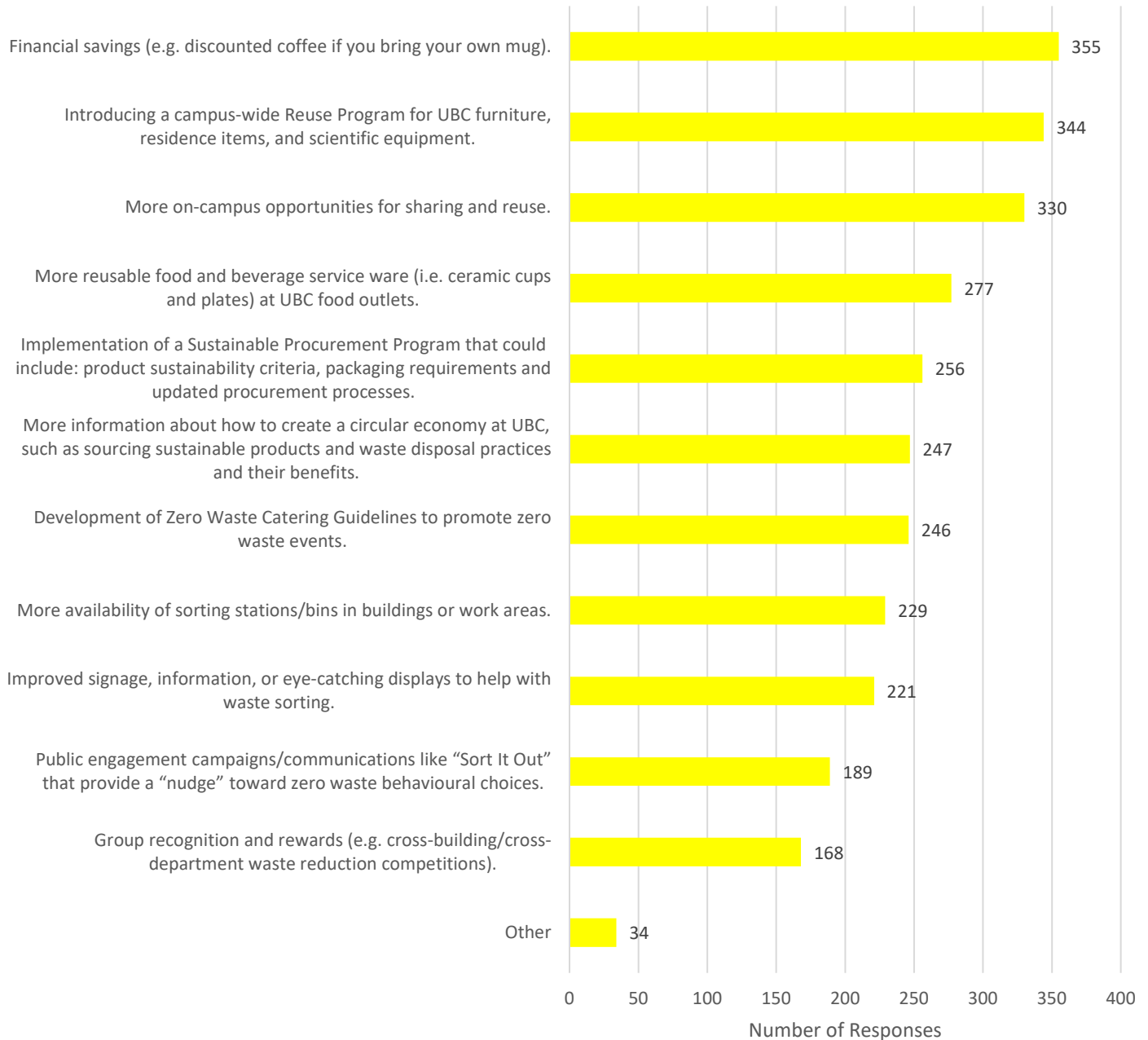
2. To help us understand the barriers to making sustainable waste choices pre-COVID, how much would you agree or disagree with the following statements:



Other: Need more information about where waste and recycling goes after leaving UBC; hold vendors accountable for their packaging and materials; recycling does not feel impactful or meaningful in the grand scheme of climate change; not enough plastic recycling options.

3. Which of the following options would support you in helping to reduce UBC waste sent to landfill and in building a circular economy? (Select all that apply)

Opportunities for Climate-Friendly Waste Choices



Other: Make items with single-use packaging more expensive and items with sustainable packaging more affordable; additional Sort-It-Out education; expand composting infrastructure; waste streams are best managed by the institution, not individuals.

Section 7: General Feedback

The following qualitative analysis reflects what we heard from the two open-ended questions in the CAP 2030 Vancouver survey. The themes shaded in grey represent the top themes we heard from participants, while the unshaded themes are included for transparency and interest. To see the verbatim survey responses, please refer to Appendix III.

- To help us understand the climate action efforts currently taking place across UBC, please let us know if you and/or your UBC community are involved with any initiatives aimed at reducing GHG emissions on campus (and, if possible, the name of your community):**

Top themes for this question included responses from those already undertaking general climate actions in their daily lives, and a notable number of survey respondents that are participating with the UBC Vancouver Library Climate Action Team.

Feedback Comments	Frequency
General	12
General climate actions in pursuit of sustainability	7
Looking for opportunities but not currently involved	2
External organizations to UBC	1
Switching from gas/diesel to electric equipment	1
Started working at UBC during COVID - so still learning what is available	1
Student club or organization	11
Engineering Undergraduate Society	2
Sustaingineering Design Team	2
Asian Studies Sustainability Committee	2
UBC Sustainability Ambassadors	1
UBC Climate Hub	1
Vegans at UBC Club	1
Student Sustainability Council	1
Studying high performance buildings	1
Academic group	11
Peter Wall Institute Scholar Program	1
Emerging Media Lab	1
Sustainable PostDocs - PostDoc Association	1
Emeritus College	1
Mitacs - Green Initiative	1
Faculty of Applied Science	1
Project Drawdown	1
Green Chemistry Group	1
Urban Forestry Research Hub	1
Institute of Oceans and Fisheries	1
Michael Smith Laboratories	1
Climate Emergency and CAP 2030	8

Library Climate Action Team	5
Earth, Ocean and Atmospheric Sciences Climate Emergency Committee	1
Climate Emergency Committee - Dept of Geography	1
Climate Friendly Food System Working Group	1
Food systems	8
UBC Farm and Farmers Market	2
Plant-based menus	2
UBC Roots on the Roof	1
Vancouver Fruit Tree Project	1
Community garden	1
Sprouts	1
Sustainability engagement	6
Sustainability Coordinators Program	2
Green Labs	2
UBC Children's Garden	1
SEEDS Sustainability Program	1
Commuting	5
UBC Parking - Access Services (i.e. EV infrastructure, smart technologies for data collection)	2
Shared office bikes	1
#AllOnBoard campaign for affordable transportation in BC	1
Bike to Work Week	1
Waste	4
Zero Waste Squad	1
Waste sorting	1
First Nations House of Learning Waste Management Program	1
Recycling	1
Staff department or group	4
SHCS and Facilities Management	2
University Sustainability Initiative	1
University Neighbourhoods Association	1
Air travel	2
UBC's Fossil Fuel Free Pension Fund	1
Sustainable Travel Industry best practices	1
External partnerships	2
Perkins&Will + Building Transparency	1
OurTime Vancouver	1
Climate justice	1
Climate Justice UBC and UBC Social Justice Centre	1
Grand Total	74

2. Do you have any feedback about the emerging CAP 2030 directions and targets, or any other considerations (i.e. equity, climate justice) to add that we should be aware of as we develop the CAP 2030?

Top themes for this question included encouraging a hybrid back to work and campus model post-COVID, considering elements of climate justice in the CAP 2030, ensuring UBC as an institution is not shifting responsibility to individuals, and general support for the CAP 2030 and planning process.

Feedback Comments	Frequency
CAP 2030 Process	48
General support	12
General support	12
Barriers	15
UBC shifting too much responsibility onto the individual and away from the university/institution	13
Include more costing and resourcing nuances for targets	2
Opportunities	21
Include more costing and resourcing nuances for targets	6
Be more ambitious with our target setting and timelines	5
Real change requires UBC leadership to lead local and regional policy change by example	4
Support for specific CAP 2030 goals	3
Any CAP recommendations for individuals need to be affordable and convenient	3
Commuting	34
Barriers	5
Public transit much more inconvenient than commuting by car alone	2
Public transit currently feels unsafe	2
Cannot bike for health reasons	1
Opportunities	29
Encourage hybrid model of remote working and learning	21
Explore new approaches to sustainable commuting (i.e. Staff/faculty U-Pass, combined transit/parking pass)	6
Promote SkyTrain to UBC	2
Climate justice	21
Opportunities	21
Consider equity, fairness and Indigenous values	16
Prioritize affordable housing for faculty/staff/students on campus	3
Support poverty reduction and community education	2
Waste	17
Barriers	3
Strengthen waste and composting infrastructure	2
Recycling does not feel meaningful or impactful	1
Opportunities	14
More e-resources to avoid printing in UBC offices and libraries	5
Strengthen waste and composting infrastructure	3
Reduce single-use plastics	3

Invest in longer-life technology and equipment	1
Arrival care package of reusable items for new students	1
Wastewater reuse	1
Missing from CAP 2030	16
Opportunities	16
Long-term planning for landscapes and tree protection	11
Environmental standards and requirements for UBC industry and corporate partners	5
Other	16
Barriers	1
Acknowledge climate impacts of technology	1
Opportunities	15
Sustainable divestment	8
Automatically turn off building and field lights at night	3
Prioritize affordable housing for faculty/staff/students on campus	1
Stormwater management opportunities	1
Acknowledge climate impacts of technology	1
Need environmentally friendly strategies for long-term campus design	1
Air travel	12
Barriers	1
Recruiting top academics while reducing international air travel	1
Opportunities	11
Need a culture shift for reducing air travel led by UBC leadership	5
New evaluation models that reduce international travel (i.e. naming and shaming frequent flyers)	2
Air travel surcharge to contribute to climate action initiatives	2
Culture shift for not rushing to spend money by the end of fiscal	1
Incentivize students staying on campus during holidays	1
Buildings	9
Opportunities	9
Thermal comfort and wellbeing considerations for building design	6
Reduce waste and emissions from construction, new building materials and retrofits	3
Food Systems	5
Barriers	1
Organic and plant-based foods not necessarily sustainable	1
Opportunities	4
Shift retail and food outlets towards more local and plant-based options	4
Research and Partnerships	4
Opportunities	4
Partner with UBC groups researching climate solutions	2
UBC should publish more public-facing climate information and research	1
Create UBC Climate Policy Institute	1
Community Engagement and Education	1
Opportunities	1
Performing arts are a powerful community engagement tool	1
Grand Total	185

Appendix III – Verbatim Survey Responses

Question: To help us understand the climate action efforts currently taking place across UBC, please let us know if you and/or your UBC community are involved with any initiatives aimed at reducing GHG emissions on campus (and, if possible, the name of your community).

I am not involved in initiatives but I do support the UBC Farmer's Market and try to get most of my produce from them

We have a pool of two office bikes purchased through a centrally-funded program (forget the name) that team members can use to get to meetings across campus (when the weather is good)

Yes we promote predominantly plant forward menus at all locations

More spaces to grow? UBC Farm gets smaller. UBC KILLED the Orchard Garden. Green space that could be used to grow is seen as housing.

I live close to campus. I promote stories of sustainability. I am committed to taking climate action.

Green chemistry UBC group

Asian Studies Sustainability Committee

Yes, have implemented several initiatives and they have all come to fruition and have been implemented.

Parking: removing gates at parkades has eliminated idling vehicles waiting to enter/leave; they installed 75 EV charging stations at their own expense; they are an integral part of developing the clean energy hub at Thunderbird parkade; they participate in SEEDs projects; they have financially contributed to emissions research within parking facilities; they are supporting wayfinding projects within the Rogers 5G projects; they are using smart city technologies to collect data on parking habits and parking facility usage

Urban forestry research hub at UBC Forestry.

#AllOnBoard campaign is working on affordable transportation in BC. This will also lessen the need for parking lots at UBC. Less cars means better air quality and safer for bikers.

Unfortunately, it seems to me that the efforts were left to the individuals. I wholeheartedly support a more through Climate Action Plan.

I led the creation of UBC's Fossil Fuel Free Pension Fund, and (as you can tell from this survey), have been lobbying for a decade for us to profoundly reduce our air travel. Please reach me to volunteer for that at Erica.Frank@ubc.ca

N/A - I have to look outside of my job and what is available to me at UBC. I volunteer for an outside organization

climate friendly food system working group

Electric Charging Stations (Parking)

Geography has a climate emergency committee

I was previously involved in Sprouts.

I continually keep up to date with sustainable travel industry best practices for public and private organizations/corporations, in various markets (CDA, Intl) through webinars, articles, networking and virtual conferences. This year a new emerging action by the hotel industry is to improve visibility and create standards where they can be measured by Water, Energy and Waste reductions

N/A (Bike to Work Week once in a while)

Not at this time. I started working at UBC 3 weeks before the lockdown and didn't have a lot of opportunity to find out about many groups.

We are switching lots of our equipment from gas/diesel powered to electric powered. Unfortunately, we are often limited by the added cost and electric replacements may not meet our needs.
We are working on Green labs project under ubc sustainability
Yes, with the UBC Climate Hub.
Peter WALL Institute Wall Scholar program: https://pwias.ubc.ca/wall-stories/2018-wall-scholars-launch-initiative-address-ubc-flight-emissions
Green Labs, LSC Sustainability Leadership Team
As a student involed in the Engineering Undergraduate Society, I work with a team of fellow engineering students to embed sustainability into the EUS operations and promote sustainable practices to students. We just got started on our work about a year ago and recently passed policy within the Society to mandate sustainable initiatives aimed at reducing waste and raising awareness
IOF
The Library #ClimateAction Team has developed an Air Travel decision tree to assist UBC Library employees in choosing which conferences to attend in person and which virtually.
member of Asian Studies Sustainability Committee
The Emeritus College is familiar with the general principles advocated by the CAP, but does not have specific programs in place. That may change once the College has permanent premises.
I am not involved with any initiative but am looking for opportunities to do so.
The Michael Smith Laboratories has implemented many sustainable practices over the years and taken part in many pilots (recycle styrofoam before it available campus wide, amber glass recycling, soft plastic segregation, compost before it was campus wide, ice pack reuse, Aircuity, LED lights in labs and offices, ultra low freezer 'warm-up', change tap on film processor to stop constant flow of water and now elimination of instrument all together). I'd love to give a tour (virtual okay too) to showcase some of these successes.
SHCS Facilities, EWS, A&R Facilities.
no yet bout would love to get involved
EOAS Climate Emergency Committee
It's great that UBC is committed to these actions and providing support to all campus members in achieving the goals and targets.
UBC Roots on the Roof
SHCS
We work on our community garden with our preschoolers
Thanks for organizing this survey. I could imagine that it is highly biased though, since the majority of people who contribute to this questionnaire are already involved in SD activities. I personally for example just started a new group of "sustainable Postdocs" at the UBC (we don't have a name yet, but are part of the Postdoc Association).
UBC Library now has a Library Climate Action Team with members from different employee groups and library branches/units. Thus far we've hosted a climate research panel, drafted guidelines around air travel, held climate change movie nights, creating a webguide for climate research, and shared information with each other. Now we are reviewing the emergency task force report to identify how our work can align with the priorities.
I am a physician, clinical assistant professor of medicine - interested in supporting efforts to reduce GHG emissions at work, and increase access to plant-based foods - making things like bringing your own cup, and ordering plant based the default - extra costs if adding meat, cheese or a plastic cup
Library Climate Action Team
I am generally in touch with colleagues at APSC in the topic of long term work-from-home arrangements that could benefit students, staff, and faculty and also reduce GHGs.

I am President of Vancouver Fruit Tree Project. Thanks to UBC Triumph support, we have been able to harvest the extra fruit from their trees to distribute them to community members. In addition to strengthen food security in our community, this harvest allows to reduce food waste.
yes
USI
Mitacs has its Green Initiative that are aimed at reducing our carbon footprint (at our UBC office and beyond)
UBC SEEDS Sustainability Program
At the Emerging Media Lab we are doing limited work on digital collaboration technology but our budget compared to how much is spent on travel annually is laughable.
I am studying High Performance Buildings
I am part of the Sustaining engineering design team, and a member of the EUS Sustainability Council
Library
Project Drawdown - only buy from fossil-reducing sellers
I am working with Perkins&Will (an architecture firm) and Building Transparency (a non profit) to help reduce embodied and operational carbon in buildings in BC.
Sustainability coordinator program, lighting upgrades, awareness exhibits addressing "ghost nets," oil pipelines, etc.
sustainability coordinator program, Library #ClimateAction Team
I'm a recent graduate (I hope it's okay I completed this) and am now involved with organizing beyond the UBC community (e.g. with OurTime Vancouver).
ubc children's garden
UNA
Engineering Design Team bring sustainability and reduced emissions into our design.
Recycling
Executive at Vegans of UBC club which promotes sustainable/ethical food choices on campus; member of Zero Waste Squad (paused for covid) which sorts waste on campus and has education events; council member on Student Sustainability Council which gets student feedback on sustainability initiatives; support initiatives done by Climate Justice UBC and UBC Social Justice Centre
While normally I take transit, I've been commuting via car since June 2020, when my place of work reopened to on site employees. I don't like driving to get to work. Other than that, I try to use as many reusable dishes for meals, do my recycling, not waste work supplies, etc.
UBC Sustainability Ambassadors
Garbage classification
I am very engaged in climate-friendly living for many years already. However, as a Postdoc in Canada, I actually spend way too much money to stay truthful to his environmentally friendly living style. I think that this is a structural problem, so UBC should support people of all sorts of salary classes to live a sustainable life. I still feel living consciously in Canada demands from you to be a little rich, in particular, when it comes to food!

Question: Do you have any feedback about the emerging CAP 2030 directions and targets, or any other considerations (i.e. equity, climate justice) to add that we should be aware of as we develop the CAP 2030?

Perhaps as the planet continues to warm, develop green ways to stay cool during the summer and warm during the winter. Eliminating bottled drinks and water from being sold on campus and eventually from Canada.

To realistically pursue its targets, UBC needs to reform from a majority commuter campus to more hybrid models of learning and teaching without detriment to students and faculty. Remote work has proven effective and should be supported where sensible rather than discouraged on principle!

Not sure if this is important here but I see a gap in reusing resources - are we looking at infrastructure which would allow water reuse/recycling? I know we have a lot of park/green space - can we recapture water from buildings to reuse for landscape? Projects like that would be very interesting.

Allowing remote work to continue would be significant.

I strongly believe that UBC as an institution must enact systemic change as opposed to putting the onus on individuals to bring reusable mugs, pack lunches from home, etc. As a staff member, the transit to and from campus is my largest contribution to greenhouse gas emission and I would love to see a discounted staff/faculty transit pass to incentivize taking public transit, as well as UBC continuing to allow staff to work remotely if their position and duties allow. Something like this would greatly benefit myself and other staff in a similar position as me.

UBC Supported boycott and divest from the petro chemical industry. Is it about time we do the same for China? A boycott divest campaign from China the worlds leading polluter of the Air, land and sea (as well as their horrendous human rights violations in the Xinjiang province?

<https://www.forbes.com/sites/rrapier/2018/07/01/china-emits-more-carbon-dioxide-than-the-u-s-and-eu-combined/?sh=7c5008e9628c>

Getting academics to avoid air travel to go to conferences is going to be a tough sell and, if too stringent, could make it hard to attract top talent.

Yes I strongly encourage the University to ban or put a tax on individual meals being delivered to campus from delivery services like Uber Eats, Doordash, Skip the Dishes, Fantuan etc... These create a BIG carbon footprint. a 20km food delivery is the equivalent of 7 kg of CO2.

Most of these questions about individual actions seemed to be about visible forms of climate impacts (waste, air travel). Some kinds of computing resources (esp. high-fidelity video conferencing for online classes and high intensity computation, such as in machine learning applications) have less visible climate effects. I would like to see UBC consider making known the climate costs of technology and acknowledging computing power as being a relevant consideration in climate action.

2030? Why not TODAY!

I would like to see organizations such as UBC use their purchasing clout to increase the life of technology equipment such as laptops, workstations, phones etc. Shift the focus on speed to life span - five years for a workstation is wasteful and unsustainable.

In terms of air travel, UBC could tack on a surcharge to all air fares purchased with UBC funds and use the money raised on climate initiatives and/or carbon offset programs.

If more staff were able to work part of the week from home, it might not be necessary to have as much dedicated office space. This could in turn free up existing space for other purposes and ideally limit the amount of construction at UBC. Don't raise a building, plant more trees.

What about pushing for more e-resources in the library so that it is not purchasing and supporting a print-based economy.

Your questions around public transit don't really cover all the issues related to our bus system. Buses are overcrowded, dirty and unhealthy. Is there a way to make public transit less unattractive from a health perspective.

-Working from home can greatly reduce our carbon footprint as an institution.
-Air travel should be restricted or carbon offsets should ALWAYS be purchased for every flight taken.
-Remote work options extended to anywhere in Canada could help us make a broader impact.
Equity and Climate Justice and Indigenous values are important and would be good inclusions to CAP for a robust holistic solution.
Thanks and continue with the good work!
Need to look at whether retrofitting older buildings would be paid off (both financially and environmentally in terms of CO2) before the building is rebuilt/replaced
UBC's industrial and corporate partners should be held to strict environmental standards as well as UBC's preferred vendors, couriers, and other services
Too much tuition \$\$\$ being spent on pet projects such as climate action plans. Individuals are already doing so much.
Not at this time. I am interested in learning more and appreciate the university's initiative to educate us as staff, faculty and students, because in turn, we as individuals, can educate our families and our communities off campus. I am optimistic that we as a larger community, at UBC, and a leader in our province can demonstrate what is possible and lead the way.
remote work option would make most difference in impact for office-based staff, particularly as COVID anxiety may result in more people choosing to drive
The financial aspect of this is the biggest target. It is understandable that we require industry and to sell/purchase goods and services in order to keep our economy rolling. Historically consumers have been offered all types of products and it is "their choice" whether they wish to use them or not. Tobacco; unhealthy snacks; vape products are a few that come to mind. Industry makes money selling and they will continue to do so without regard for human health or environmental impact as long as our system allows them to reap benefits from selling harmful products. Industry must be made responsible for making money off of consumers. Their products must be fully recyclable non-toxic or they should not be available for sale. If their product causes physical harm (e.g. diabetes) then there must be a tax placed on selling of the item so the cost of down the road healthcare does not fall once again into the hands of the tax payers. Politics must stop bowing down to big money industries.
If the university changed the culture around air travel and conferences it would have a big impact. So much business travel is unnecessary, especially by senior executives.
The questionnaire is very targeted on individual actions, which have been shown to have too limited impact and won't be sufficient.
We need to stop talking about parking and start talking about access: that changes the context and puts the focus onto sustainable, affordable mass transportation. UBC cannot solve it's access issues one vehicle at a time. We also need to look at UBC vehicles - how do we 'green' the UBC fleet (and how do we stop Dept's buying vehicles instead of sharing existing ones...just because you have a grant doesn't mean you should use that on a vehicle). There is a HUGE amount of work to be done on sustainable transportation
Any recommendation on individual action must be made with affordability in mind. Financial pressure, especially on the younger population, has increased significantly with the pandemic. If the recommended climate friendly choices, e.g. organic foods, are the more expensive option, then it will never be adopted. A large portion of the student body is food insecure, raising the price of food on campus to meet climate targets would be horrifyingly cruel. You cannot get people facing pressing short term problems (e.g.: hunger) to care about long term issues (climate change), no matter how dire.

I think UBC needs to continue to support working remotely post covid (more often than pre covid). I have two young children and I have to drop them off at daycare in the morning. Taking the transit was not an option for me. The only way I can put my effort into climate action is by working from home, so I don't have to drive my car out everyday. This also saves me lots of commute time which I can then use in other areas, for example choosing more climate friendly foods when cooking for my family. I can also use the money I save from not have to purchase a parking permit on things such as climate friendly products. Those are often times much expensive than what I usually purchase.

UBC NEEDS to include its natural landscape in the CAP. On campus tree cover loss is a big issue. Additionally, sustainable management of turf and other landscapes should definitely be integrated into the plan. Landscape management and operations can have substantial carbon emissions! This is beyond the scope of the biodiversity plan.

Look at the University of Pennsylvania's Ecological Landscape Stewardship Plan for an example of an innovative, unified campus approach to sustainable urban landscapes.

I recycle, but most recycling is pointless anyway: only a tiny percentage of anything actually gets recycled. Most plastics aren't recycled effectively. Separating food is a waste of time and effort as it breaks down anyway. I do it, but it's yet another drain on my already limited time.

To reiterate a previous point, commuting to campus by public transit is not an option for me, and I live too far away to cycle. By the time I walk to the bus stop, wait for the bus and -- if I'm lucky enough that it's not full -- then stand all the way to campus, and then walk to my office or the classroom, it has taken at least twice as long as it does to drive (and often even longer), not just because the route is less direct, but because of the additional walking and waiting and because of the slower nature of public transit. I'm also typically carrying at least one very heavy bag, which makes things harder still. If I have to stop on the way to campus or home, for example to buy groceries or to go to the post office, it increases the time even more significantly. I already spend more time working than anything else in my life, and it's exhausting. I am simply not willing to give up even more of my limited free time to commute. With Covid I'm even less likely to take public transit. But, as I rarely travel, drive a car that's relatively low emissions (and also, with working from home I've barely driven at all for the last year), don't have children, don't redecorate my home every year or buy new clothes every month, always cook at home, and don't do the many other things that increase people's carbon footprint, I have no concerns about driving my car to campus, and UBC should have no concerns about my driving to campus either.

UBC can and should do more to improve work-life balance for its employees, and that means not adding yet more chores and more responsibility and more stress to our lives. Instead of adding burdens on individuals, the focus should be on the corporations that are actually responsible for the majority of pollution. UBC as an institution can easily make changes, for example by ending the sale of bottled water on campus, requiring reusable drinkware in all food establishments, and phasing out the use of plastic utensils and single-use plastic containers. Those actions would require little direct action on the part of students and staff.

Divestment of all UBC investments from fossil fuels, polluting industries, and resource-extraction is the most impactful thing the university can do to help reduce the impact of climate change.

Climate action has too many layers associated with it and it is, therefore, a very complex issue. One layer that does not seem to be very well accounted for in here is the issue of time-commitment. For example, recycling and reusing takes time because one has to learn how to do it right first and then execute it. In execution times is allocated for sorting and cleaning some of the things one is trying to recycle or reuse. Another example is transportation, it is very quick and comfortable to go to work driving your own car as opposed to using public transit, which results in about double to time

commuting, or riding a bike, which results in triple the time or more depending on where one lives. Let's also consider that the closer to UBC campus, the more expensive the property, so riding a bike may not even be possible for most students and commuting by public transit takes longer. So, time allocation to commuting must also be considered.

Picture a grad student with a lot on their plate by mere fact that they are conducting research. That, by and of itself is a huge time commitment. This person also has to find time to self-care by sleeping enough hours (8 hours per day), eating well (accounting for grocery shopping and time dedicated to cooking a healthy home meal: 4 hours per day), exercising (an often times disregarded element in academia, but our bodies DO need exercise: 2 hours per day), mental health caring (also disregarded often times in academia: 1 hour per day). These very basic needs already add up to 15 hours per day. On top of that, that student also has to maintain a job because UBC underfunds their students (best case scenario: 2 hours per day), conduct their research (again, best case scenario: 4 hours per day). Up to this point this student has already at 21 hours of their day gone! With only 3 hours of their day left, this student has to dedicate time to their family if they have one, commute to UBC, get involved in campus activities like this climate action stuff, participate in "leadership" activities if they want to get any additional funding so that they can one day stop working and have more time to complete their degrees instead of having to work, etc., etc., etc...

So, when asking about climate initiatives, please consider time-commitment as a parameter. If UBC would fund their students better, students would have time to network and participate in campus-wide activities that would have a positive impact within UBC. As it currently stands, the situation is such that grad students are below poverty level in Vancouver and need to find additional sources of income, which is a time commitment. Eliminating this time commitment would allow them to be more active and generate ideas that would favor UBC goals.

While individual action is important I strongly believe that UBC is failing to put in place the institutional capacity to develop climate policies that could reduce GHG emissions not only on campus but in Vancouver, BC, Canada and other countries. A fully funded UBC Climate Policy Institute would be awesome and innovative and would show that UBC is serious about identifying, analyzing and evaluating potential climate policy solutions. The effects would dwarf the impact of on campus and individual behavioural changes ...

I recently purchased an electric vehicle and because of my lengthy commute would like to be able to charge at work, however its often hard to leave to move my car after 4 hours --- the parking spaces are also limited. I don't think the charging stations are ever full.

It is important to shift away from placing emphasis on individual responses to holding institutions responsible for implementing sustainable solutions. Currently, the burden is placed on individuals to change their behavior when it is corporations and institutions that are economically benefitting from using and purchasing unsustainable cheaper options. For example, a department will buy cheaper furniture from the States rather than buy something a little bit more expensive locally. People will make good choices when given the opportunity. Vancouver is highly unaffordable so this is a barrier too many people when it comes to making sustainable choices. Compassion is needed to recognize that people have different needs and the solutions will be complex. Marginalized communities will be more impacted by climate change so please be aware of that when taking about timelines.

It is the time to really carefully think about architecture, health and climate sustainability of campus buildings. Many buildings have terrible indoor air, problematic heating and cooling, so that is the problem that needs to be, and that can be addressed sustainably with more research and planning. Also how about more plants, for food, for roof gardens, for indoor green walls?

Through Covid-19 faculty, staff and students have shown great adaptability in teaching, researching, working and learning from home. I hope UBC will also be as adaptable and encouraging of these practices after things return to normal. Commuting to UBC should be done as needed not every single day. This is a great opportunity to reduce pollution through traffic reduction. We'd have less packed buses too!

On air-travel I really hope to see senior leaders at UBC take the lead on reducing their air travel. If they can model good behaviour and reduce their travel I think this will encourage everyone to reduce their air travel carbon footprint.

promote work from home more - less time spent in the office, less energy and pollution from commuting. I support wfh but leadership wants us to return to the office and looking at expanding office space. We need leadership to be more active on climate action than staff; we need to do as we are told even if it is less green.

UBC remains caught in the "more and bigger" agenda of progress that encourages longer CVs, more travel for prestigious research consortia, bringing in international tuition dollars, etc. Even living in Wesbrook Village pre-pandemic (allowing me to walk to the office), all I saw was more expensive for-profit construction (for non-UBC folks) and limited retail options, still forcing UBC faculty and staff who live there to drive frequently to shop off campus. Climate Action will involve campus and neighbourhood planning that STARTS from the premise of ecological sustainability. Perhaps it's time to focus more on the local? I would also like UBC to just take some non-sustainable travel/food/operations options off the table, because "we just don't do that anymore."

UBC remains caught in the "more and bigger" agenda of progress that encourages longer CVs, more travel for prestigious research consortia, bringing in international tuition dollars, etc. Even living in Wesbrook Village pre-pandemic (allowing me to walk to the office), all I saw was more expensive for-profit construction (for non-UBC folks) and limited retail options, still forcing UBC faculty and staff who live there to drive frequently to shop off campus. Climate Action will involve campus and neighbourhood planning that STARTS from the premise of ecological sustainability. Perhaps it's time to focus more on the local? I would also like UBC to just take some non-sustainable travel/food/operations options off the table, because "we just don't do that anymore."

For the love of our environment, UBC's planning office needs to do a better job of long-term campus design. Over the last number of years, I have frequently seen concrete poured for new sidewalks and meeting areas across the Point Grey campus, then seen them torn up 1-2 years later in order to change or build something else. That's incredibly wasteful and increases the amount of carbon our campus produces.

Advanced Planning to Support Robo-Taxi Network

Put pressure on provincial government to build the sky train to UBC NOW

As a UBC staff member (and previous student), I've done a lot of surveys over the years. This was one of THE best surveys I've seen yet. I really appreciated the contextual information, the definitions, and the overall survey design. But what I loved most was the selection of practical solutions you offered for each problem. Thanks for putting together this survey. Please tell the survey designers that they've done a good job.

There have been a lot of "Sustainable plantings" but they aren't. A lot of plantings are not designed for plants to grow, and will probably die within 10-20 years. A fair amount of the construction work does not appropriately protect trees, despite UBC have tree preservation rules. There is an island by the intersection of agronomy and westbrook mall that has a sewer drain, and theres no vegetation around it so the soil, mulch, other debris is just going down the sewer. Also there are a lot of opportunities for stormwater management, like the westbrook remodel, but there are never curb

cuts. Plant management and maintenance is poor which increases risk of injury & damage to humans and buildings
I would like to see divestment from companies that emit large amounts of GHG emissions added to the CAP target.
The survey/current approach do not address the significant impact of the use of technology/social media on the carbon emissions (the use of energy associated with data processing/storage/transmission; the associated hardware and software, etc.). The survey itself seems to be rather selective in its focus (e.g., as it asks about the use of reusable food containers, it overlooks the impact on water pollution). The list of suggested actions/remedies is too repetitive and limited - and misses opportunities uniquely related to UBC as an academic/research community (e.g., no suggestions of encouraging researchers to acknowledge sustainability considerations as they develop their proposals (regardless of the study focus, whether it has anything to do with sustainability or not); no reference to any expectations of UBC community members taking personal responsibility for their use of mobile phones/technology/social media from the environmental perspective, etc.)
There is currently no composting at the UBC Hospital site/building that I work at. I would like to see UBC make some efforts to implement composting in all of its buildings (whether it's on campus, or otherwise).
Working and studying from home does eliminate to/from emissions from vehicles. Offering at home options could help to reduce transportation emissions.
Systemic change is needed. Targets won't be met by individual behavioural changes alone. New UBC neighbourhoods are conventional design- need more vision. Don't deflect responsibility to the individual, UBC as a major institution with a massive budget should put its money where its mouth is and make decisions according to the fact that we are in an emergency. Not clear that message has sunk in.
--Related to the above, another major cultural shift needs to be made around spending money at the end of a fiscal year. There are huge problems in doing so during a pandemic fiscal year end and it's never really been clear to me why this is even a thing. It's hypocrisy and makes no sense to say departments need to cut back, and then tell departments to spend money that has so far been unallocated.
--I'm quite shocked to see such a large emphasis on air travel and that there is even an option for people to state that they are 'required' to travel by air. No one is forced to travel for work, and UBC seems to have this culture of requiring face-time 'to build relationships.' I understand this, but there really needs to be a cultural shift away from these perceptions of forcing people to be physically present in a particular location.
--Organic and plant-based foods aren't necessarily more sustainable or environmentally/climate friendly and shouldn't be presented as such without context.
Feedback on content: --I appreciate that targets need to be made, but we should be looking at a 100% reduction, not just 75% by 2030. We need to be thinking longer term all the time, and CAP 2030 should reflect a phase/stage rather than a goal. People need to understand that this is just one part. It's shocking this isn't addressed anywhere and that UBC is taking a truncated approach. --
Continuing to work from home post-COVID would help reduce car emissions.
In general I think UBC needs to be aware that the greatest impacts will be made through large-scale structural change and supporting appropriate policy directions at various governmental levels.

Continue remote work after the pandemic ends. Commuting is not only an environmental issue, it's a massive waste of time. I am better able to participate in sustainable food systems (buying local, cooking at home, etc) by working remotely. Commuting will mean returning to highly packaged/distributed food that is a massive waste. Allowing a majority of your staff remain remote will make a huge impact just in terms of commute and food alone.

Why does our printing contractor, Xerox, still not use tree-free paper?! They need to be using this by default, but currently do not.

I believe if we look within our own communities and support the reduction of poverty by supporting community educational opportunities it will help with sustainability as well.

Yes. The #1 step the university should take on its Vancouver Climate Action Plan is to make superior affordable housing available for purchase for faculty and staff, so that they can live on campus long term. Currently, UBC has plenty of land, but it seems to be prioritizing leasing it to developers who then sell to non-UBC people, meaning that UBC faculty and staff have to commute from far away. Rentals are available, but renting is not a long-term solution and the Village Gate units are way too small for families.

It is vitally important that climate change issues are not isolated from the huge socio-economic disparities that existed prior to covid, and have been exacerbated by the pandemic. Increasing socio-economic inequalities should be just as much a priority for UBC as climate change. Unfortunately, some activities undertaken in the name of climate change will increase these disparities.

need to fix the temperature in buildings so as not to waste resources

I am pleased to see that reduction of unnecessary air travel is a priority of UBC's. I believe that systematized mechanisms should be put in place to discourage unnecessary air travel. Examples would include: (A) formal demerits on the annual review for promotion and tenure of professors who flew more than some number of times (e.g., once) per year; (B) increased infrastructural support for virtual attendance of conferences; (C) financial rewards and/or faster advancement to promotion and tenure based on virtual attendance of conferences; (D) financial rewards to departments that generate the lowest amount of carbon emissions per head due to flights; (E) a publicly available yearly report on the collective amount of carbon emissions generated by flights taken by UBC's professoriate; and (F) other measures in that same general vein.

Let staff work from home. We have such a long commute to UBC and many have to drive, we don't want to.

Faculty and Staff housing (which allows walking or cycling to work for the parents and school of their kids) was created to be exactly that - for faculty AND staff. Then a few loud and controversial faculty voices took over the conversation and intimidated and belittled staff. Now it's mostly faculty and the rental rates reflect that. On-campus housing needs to be returned too being for faculty AND staff and rental rates need to be adjusted to reflect how much less staff make in comparison to faculty.

Your scope and framing look excellent!

We have seen the value of reducing commutes and cleaner air quality. This should be a consideration. Climate wellness, human wellness. More time to participate in communities, including those who live at UBC.

It looks sufficient

Remote work/education reduces commuting, waste and provides better food choices. If you are serious about this, don't let departments go back to the way things were just because some manager works better that way and thinks everyone else should too.

Printers! Discourage the use of printers in every office especially as most units have a large printer/Xerox accessible for large numbers of staff.

Having a printer beside someone's desk so they don't have to get up and walk down the hall should be strongly discouraged!

E-waste bins should be located around campus so that students/staff can dispose of broken/old/hardware. Is e-waste to Building operations promoted at student residence? Or even in office spaces?

Climate justice, gentrification, white-washing of programs and initiatives

I think the plan should include emissions targets in relation to new buildings being built on campus and a commitment to divest all university pension funds and any other investments from fossil fuels or other climate change causing businesses or areas of the economy.

I would like to see UBC focus on its financial investments (divestment from fossil fuels was a really wonderful step), on supporting climate research, and on working with the Musqueam and other Coast Salish Nations to promote Indigenous-led climate action and climate justice. I'd also like to see more campus shuttles. I would not like to see a lot more energy put into recycling and whatnot--I think we are doing a pretty good job with that and have been for a while. Also, as a member of the research faculty, I'd like to be funded and evaluated in a way that would encourage fewer, longer international trips. Thank you!!!

Ensure that the onus of change is on the institution not on individuals. Ensure that an intersectional lens is taken to understanding the impacts of climate action policies on multiply-marginalized groups.

The investments that the university engages with will also have an important impact, as will UBC's business partnerships, etc. The impact of these cannot be ignored while asking under-resourced students and staff to take action.

UBC should encourage plant based catering at events by departments and Centres etc.

I think UBC should also be implementing sustainable buildings on campus, as well as sustainable building/construction practices. It's always discouraging to see how UBC continues to cut down more trees.

My above thoughts continued. The management is not holding staff with respect or showing good will in terms of reciprocity. I think in order to do the work with the land we need to work with one another. We need to take these values and apply them across the board. This requires a look at structures that management uses which is a harsh power over model vs a power together model. We can't just decolonize our time in the garden or walking in the woods with children. We need to change our thinking by looking at the hierarchical structure that's in place right now and replace it with a form of management that reflects respect, reciprocity and reverence. This process has to be for everyone. UBC needs to rethink their management choices at UBC childcare and take the leap to promote harmony and well being for employees so they feel safe and supported to do this decolonizing work.

While a mandate may not be feasible or appropriate at this time, UBC adopting and communicating a 'virtual-preferred' policy for business travel could be very supportive in shifting the norm to online conferences etc.

have not fully reviewed yet but hope to provide input. Thank you for this important work!

When I first arrived at UBC as an international student, I was overwhelmed with the amount of expenses I had in my first months, considering the costs of travel/moving, tuition/students fees, unaffordability of rent in Vancouver, high living costs, etc. I was also chocked with the discovery of the "take-out", single-use culture in North America that is less prominent in my culture. I would like to help students chose zero-waste options over single-use and I believe one first step would be in the

financial incentive. Supporting students in this initiative through financial relief or a "arrival care package" of reusable items could be an effective first push towards zero-waste.
It's important to provide containers to collect waste paper, garbage, etc; but it's equally important to keep them serviced and clean--not always the case, unfortunately.
This is very important and it would be good if we had strong leadership guiding the UBC community.
Individual choices are such a small drip in the bucket. UBC should also lend their voices to collective climate change and ensuring pension funds do not support oil/gas industries. Climate change is inherently tied to Indigenous sovereignty and efforts of land defenders need to be supported fully by UBC. I would like to see stronger statements in regards to opposing pipeline construction in BC
The targets are succinct, aggressive yet achievable with the required resources.
"Academic District Energy System: By 2030, 100% of the energy used by the Academic District Energy System will come from low carbon sources." seems very aggressive and not achievable.
The costing section of the draft targets are very limited to the cost of carbon liability but does not address the increased costs (both financially and staff required) of achieving these targets. For example, at the current budget and rate of replacement, we will not electrify all building level gas fired equipment; we currently do not have a way of quantifying food related carbon footprint, will we have the resources to facilitate this?
Metrics drive behavior so we need to ensure that we review how we measure things to ensure we drive the desired behavior. We need a more systematic change in the way we operate
It will further destroy Canada's economy relative to the rest of the world.
Encouraging other offices connected with UBC (Medical, law, contract companies,..) to replace mail communications with electronic communications such as secure fax or email and spread the climate action beyond the campus.
Need a lot more focus on the system/decision making level. Infrastructure, renewable energy, governance and decision making throughout the organization, climate KPIs.
I often wonder with our food vendors why they are allowed to sell items in single-plastic use containers when more eco-friendly options are clearly available, e.g. plastic beverage bottles when metal or glass are clear alternatives.
Thank you for taking action on the climate emergency. I am happy to participate more and love how the momentum of this project provides additional motivation.
Please consider built environment factors and system design that support individuals to take more sustainable action without really having to think about it or 'choose' it. For example, so many people are confused about how to sort their own waste or dont have the time. So ensuring that the waste being produced is more easily/obviously sorted (ex. everything is compostable other than cans/glass) would be extremely helpful for changing individual behavior. Or hiring people to sort waste.
UBC is in a position to offer public data on both its own operation and the wider business community.
UBC should be a clearing house for reliable data and best science on climate issues. For example, SFU published an assessment of TMX https://biv.com/article/2021/03/sfu-study-says-tmx-provide-no-net-benefit . UBC should increase its media footprint on climate matters.
It is odd that public-facing climate information comes from online projects like skepticscience.com and not from large research-oriented universities like UBC. That needs to change, because universities like UBC are an authoritative voice that can reply to the immense effort of disinformation coming from the fossil fuel industry in particular, but from the business community in general, which

promotes to our peril the business as usual model in a time of crisis.

On a practical level, UBC should use its influence to put pressure on the businesses it works with. Vendors should be ranked according to their sustainability and more sustainable vendors should be preferred. Rankings should be made public.

Air travel, students: Try to reduce air travel by students.

For example:

- Provide incentives for students to stay on campus between the winter terms
- Reduce (or stop increasing) number /percentage of international students.

typo in the survey on following page: "would like to be entered"

Just to keep in mind that the sustainable choice may often come with a larger ongoing cost to maintain that choice, and ongoing funding will need to be allocated to ensure those choices are fiscally sustainable.

I think the focus should definitely be on policies and collective action rather than individual behaviors.

Continue to maintain the university campus more Greenpeace

Here are some ideas:

- Invest in green investments
- Monitor the carbon footprint (of individuals/faculties etc)
- Make penalty/incentive for low footprints
- Vegan options as default
- Extra high parking fees
- More protected bike lanes
- Start Parking Days
- Free bike-repairs services? Service to swap/buy used bikes? Security against theft?
- Subsidize e-bikes
- Green insurances
- Include ESD in all different subjects!!
- Make plant-based products the cheapest option in UBC canteens
- Stipends/awards for sustainable research
- Encourage people to vote for a sustainable party
- Offer sustainable food, i.e. local, seasonal, vegan, organic. It should be cheap and fresh, potentially subsidized by the UBC.
- Forbid certain plastic products?

Climate Venture Studio supporting translation of research to societal impact for climate solutions via Innovation UBC and entrepreneurship@UBC

I think the most important thing to remember is that changes need to be as easy for people to adopt as possible. Don't make actions harder than they need to be or force people to go out of their way to be sustainable - make it the easier choice! Keep information clear and any physical places/resources easily accessible; messaging should not indicate that behavioural change is a sacrifice, but a good and easy thing to do! Do also keep in mind that while working from home or reducing conference travel is good for the planet, it's also really important to maintain good networking opportunities, and a virtual conference will simply never be the same as an in-person one. One way to reduce emissions could be a yearly quota for travel, but with a cap-and-trade system so people who don't need to travel much could "transfer" their quota to others who do (making it more equitable in that way as well). I also know how difficult this will be due to COVID, but encouraging sharing of resources and repair of items

instead of single-use will go a long way. And of course, we need more research on how to reduce emissions, along with ways of implementing that research into policy and practice. I believe that special support should be given to sustainability-related entrepreneurship and research to help us find better ways of doing the things we already do, so that we can maintain our current lifestyles to some degree as well!

Banning meat products on campus would directly contribute to reducing emissions and would make a bold statement to the UBC community and beyond.

All individuals are responsible to make our lives more sustainable - but as a leading institution, UBC must recognize how intersections of experience affect people's financial and physical options (driving, parking, part time staff with invisible disabilities not qualifying for COVID office supplies...etc). How can UBC make the largest impact by asking those in positions of privilege to do things differently? Stop flying, stop cutting costs on purchasing large orders of unsustainable UBC SWAG, make sure all janitorial supplies are biodegradable, sustainable, recycled TP etc) Whose job is it to review the big spending and ensure it is in line with Climate Action commitments? Thanks for this work &3

Working from home reduces commuting impacts as well as increasing how well I eat and minimizing the waste I create in my meals

I am still learning about CAP 2030 -

Perhaps as well as UBC centered initiatives - to provide resources on how we can make wider policy changes - for things ranging from pipelines to animal agricultural subsidies - how can UBC harness its community to be a leader in addressing climate change?

Myself and many staff strongly urge UBC to lead by making at least hybrid work-from-home arrangements permanent for staff to bounce forward rather than back and help reduce GHG emissions through this initiative.

great target but we need to make it financially work as a non core faculty

Focus on the "big stuff" - hold the institutions of UBC accountable. Also, the appetite for online learning will be very close to zero post Covid, and perhaps focusing on green commuting/sustainable campus living would be a much better focus than pivoting to online learning.

1.) Given that commuting is a huge source of GHG and there is an acute housing crisis in V, why is the University not focusing on providing more affordable housing on campus for students, staff and faculty? Costs on campus are higher than off campus.

2.) What is being done to reduce single-use plastics in labs? There is a hidden crisis of plastic waste in labs that is not being adequately addressed. Most labs do not work sterile and could reuse plastic, yet there is neither the education nor the infrastructure to reduce and reuse. A solution here would be to have a centralized plastics pick-up and cleaning service on campus.

Urban biodiversity, inclusion

Please do not hesitate to be bold and ask for redirecting funds from travel towards research on digital presence tech in order to minimize the need for travel.

I strongly disapprove of buying carbon offsets: this is an accounting trick to trade money for real progress. Let's be alert to other fake ways to improve poorly-designed performance metrics and make sure our improvements are real.

We could cut UBC's CO2 emissions to zero by closing the University forever. That would obviously be a greater reduction than anything the CAP might produce, and yet the net impact on global emissions would *still* be too small to measure. My point? The *direct* benefit of CAP 2030 will be completely irrelevant to solving the world's climate emergency. We must admit this and push hard on maximizing the *indirect* benefit instead. That is, we need swift global change on an utterly unprecedented scale. The main point of the CAP should be to earn UBC enough clout and credibility that we can

effectively change the behaviour of public opinion and world leaders. This means that the communications and promotional aspects of the plan must be given very high priority. (And for this, honesty and transparency are essential -- a callback to the previous paragraph.)
I hope that UBC will recycle material from buildings that are gutted or taken down. And when UBC contracts out to construction companies that sustainable practices will be a major factor in who to choose.
This is probably the most important thing for the UBC Community to work on over the next few years. Thank you for your work!
No project is well supported
There are 117 months to 2030. We need 1% of today's level of fossil emissions cut each month down to 0% by 2030.
I would like to connect with some folks about the UBC Climate Action Plan to see whether we could collaborate or support your effort by providing embodied carbon, circular design, and operational carbon expertise. My contact info is: Jesce Walz jesce.walz@perkinswill.com
I think we should go carbon neutral
Fair, of course
Focus on fairness and justice
YES
YES
Pay attention to the fair
Energy conservation and emissions reduction
Energy conservation and emissions reduction
fair
fair
Expand scope to define project work development
I hope to be fair and just
Taking into consideration materials, supply chain, delivery emissions and maintenance costs, etc. I would like to see signage in bathrooms across campus explaining which is more sustainable: air dryers or paper towels
Climate change is happening, for all of us. No country or community is immune.
UBC should stop cutting down trees!
Thank you for doing this urgent and important work!
I think climate justice and an intersectional approach to this action need to be central to this plan. I hope that UBC will also aim for more than 45% reduction in extended impacts as it's not clear why this number was set and if the university takes strong actions to support sustainable transit and food choices while discouraging air travel, etc. I would hope a higher reduction could be achieved.
Thanks for the work your team is doing for CAP! Excited to see many of these ideas come to life :)
Minimise commutes by allowing people to work remotely multiple days per week post-pandemic. Also helps with the inequities as poorer people cannot afford housing in Vancouver anymore, so enables people to live further and only come in now and then.
please include the role of sustainable buildings, wildlife-friendly products (bird-friendly coffee), wildlife-friendly landscaping.
I hope the plans will embrace the idea that the performing arts are a really powerful way to engage in these topics and with the community-at-large around these issues.

Stop worrying about disposable coffee cups and focus on what UBC's role is in lobbying for better mass transit.

Textbooks usage is a big part of GHG emissions. Professors should encourage electronic versions, sharing or using old editions more often.

Behaviour change is very important, but institutional change has the biggest impact.

The ability to work from home will reduce travel emissions (cars, etc.), and it reduces the carbon footprint from reduced building occupancy, and more effective use of building spaces. Work from home should continue to be encouraged even post-pandemic.

While the efforts UBC is taking are commendable, I must ask what is being attended to regarding the design of new buildings and the retrofitting of older ones? This is a huge issue for energy use and long-term impacts on our environment, locally and globally. I know you've been working on this. I've also noticed that one overall issue with newer buildings like the CIRS (Centre for Interactive Research on Sustainability), the Beaty Biodiversity Museum or the AMS Nest is that they favour open interior architecture, which leads to a loud and overly-stimulating environment. I find this incredibly difficult to deal with, and wonder if or how these stark places can be noise-dampened in some way. Also, the "smart" toilets in the AMS Nest have a prolific tendency to flush at least four+ times while one is using them, or even just changing for a yoga class. Not terribly intelligent if you ask me. I also expect that climate control might be more difficult in large open spaces, whether heating or cooling.

For myself, I've found parts of helping with this effort much more difficult during Covid due to having to use more single service consumables and commuting to work with my personal car. Given that I'm one of the staff that needs to be on-campus to work my job, this is very frustrating. Perhaps I can start cycling with spring's opening. I prefer public transit, due to not having to drive, but I cannot risk my health by using it. It also restricts the daily walking I do, which isn't good either.

While it's great that we have a 2030 plan to be carbon neutral, shouldn't this have mostly happened a decade ago? What happened to Kyoto 2012 goals? I'm so tired of hearing the talk from everywhere in our country and not seeing more action on really cutting back to change our spiking temperatures across the globe and the often permanent detriment to environments around the world. This is far more an institutional, corporate and large firm issue than just what individuals can contribute to (though I'm not saying we shouldn't try). Are we teaching students about what the large banks are investing in, such as oil & gas, mining and chemicals? Or poor forestry and large agri-business practices that are not sustainable? What about more active respect for our First Nations throughout BC and Canada: their causes and needs for environmental and social restitution from us?

If we cannot make wise choices with where we entrust our finances, how can we change the impacts of large financial banks & insurance companies on what they support? Does UBC teach students (not just business students) about better, sustainable companies that are developing for the future beyond where our economy and society stands now? What is life going to look like post-oil and in a land that switches to more long-term strategies for harvesting our forests and growing food that we need in our country - even restoring more of the manufacturing sector that has been divested into China and other countries over the years. These are huge issues that need addressing and that UBC has the capacity to do if you choose to. As a large university that has a great deal of influence around the Americas and the world, this is something that we need to stand out on - not just with words, but with serious and sustained action.

Focusing on systemic and policy changes at the institutional level (eg divestment) should be prioritized over individual behavior changes (eg educational materials about recycling)

Incorporating a meaningful biodiversity strategy into CAP 2030 will have social, cultural, economic, and environmental benefits; many biodiversity management strategies also have significant climate co-benefits (e.g. carbon sequestration through urban forests, green roofs for urban temperature

regulation, ecosystem-based stormwater management systems). It is also critical that racial justice and Indigenous sovereignty are included and addressed in CAP 2030, as any climate policies must recognize the communities on the frontlines of the climate crisis.

We need a tree canopy coverage inventory and a plan to increase our canopy coverage. As it stands now we do not know how much tree canopy coverage we have or are losing. With this plan should include storm water management and recovery.

Please make an effort campus wide to reduce the number of people coming to campus each day by way of zoom or virtual learning. This will improve the quality of life for so many staff who commute to campus each day. They gain valuable time with family and the ability to take care of themselves much more than sitting in a car for hours each day to travel to work. Please make a meaningful effort to encourage work from home whenever possible for people and for the planet.

We need bold action from UBC Leadership to ensure individual departments are supporting staff to address the climate emergency through remote work and reducing air travel with virtual meetings/events. For instance, we need a university-wide policy that allows all eligible staff to work 3-5 days a week from home if they want to...more impact will happen if this is something mandated across the University as oppose to left up to individual units to decide (where work place cultures differ so widely).

Thanks for the opportunity to provide feedback. I believe that while education that enables individual choices can be empowering, there needs to be more cultural/structural attention to addressing this issue immediately. This should include divesting of all fossil-fuel related investments by the university and provision of financial incentives/perks/subsidies for behaviours that will support the transition to a sustainable future. As someone who already engages in a low-waste, climate friendly lifestyle as much as possible, I recognize the financial and capacity-related issues that might be barriers for many. In fact, it has been difficult for me, someone who has relatively good access to financial resources and time needed to make informed choices, to stick to my principles. And that can be agonizing and difficult. Workshops and educational materials alone are not sufficient for people to be able to make needed changes personally.

I often noticed that the lights in the fields/track fields were left on even no one was using them. I live on campus, and I feel it's a lot of electricity waste when I see the lights on around 11pm. Are there any automatic switch that turns them off at the certain time?

I pay for parking every day. I'm not against transit (but takes a while from Richmond - 2 exchanges/3 vehicles), but refuse to pay monthly parking AND transit pass. I would love a combined pass that allows for either Transit Ride OR parking (since I can't use both on the same day).

There is very little discussion in my department about climate or environmental impacts resulting from department activities. A mandate to report on impacts would be great!

I started working for the ISC in January 2021. I've worked remotely the entire time and see no need to return to campus full time. Working from home saves not only on commute but reduces food waste and packaging.

During the Covid-19 pandemic, my building sat empty, yet for every single day and night the lights remained on throughout the building's halls. Investing in a lighting retrofit for motion activation would not only save money but also the environment

I am off work right now with an immune deficiency disease but when I return I would like to decolonize the daycare I work at. I intend to use Braiding Sweetgrass and the ideas of the Honorable harvest to start this conversation. I am interested in the ideas of respect, reciprocity and reverence in terms of the natural world and us as humans being a part of this. Unfortunately the climate with management and the childcare workers has eroded so much up at UBC childcare services under covid

The woods on and around campus are amongst the most precious resources. Grow it, don't cut it. Reduce streets and parking.

Nothing about UBC divestments in oil. Nothing about converting farm land into housing. Nothing about making affordable ownership of housing for faculty and staff on campus. Nothing about loss of growing land to development.

just think of people who CANNOT bike for health reasons before telling everyone to bike to work

Turn off the lights as soon as possible

I think policy changes are really the only effective way to change people's behavior to the extent that it makes a major impact.

Buses from downtown and along the Broadway corridor are too busy and take too long. I have lived in NYC and London, and commuting there was better than commuting to UBC. Driving my own car to campus is the only feasible option for me. My commute takes me less than 30 mins door to door in my car; it takes more than 1.25 hours if I take transit. This is not feasible.

We ship our green waste off campus instead of reusing it like we have in the past so we are going backwards. Building operations.