



2022 Youth Climate Summit Event Report

The vision of the Bermuda Underwater Exploration Institute (BUEI) is to '*Ensure the ocean around Bermuda is widely understood, appreciated and protected*', and the organization has been committed to developing ocean literacy through its educational programmes since its inception nearly 25 years ago.

With the global attention on the health of the world's oceans, and the direct impact to Bermuda from rising sea levels attributed to global warming, BUEI sought to adopt a holistic approach to further increase ocean literacy and to promote ocean stewardship.

The Youth Climate Summit (YCS) was created by BUEI in 2021 to educate, inform, and engage young people, aged 13-22, on the climate issue. YCS provided an ideal opportunity to involve multiple generations and stakeholders in discussions and collaboration on the broader environmental issues that ultimately impact ocean ecosystems, locally and globally. It also laid the foundation for a year of youth-led initiatives in Bermuda intended to safeguard those ecosystems.

Educate Inform Engage

BUEI's 2nd Youth Climate Summit, held November 21-26, 2022, was expanded to provide **unique engagement opportunities** for returning participants. While a new cohort of students followed the successful Summit format established in 2021, select activities and sessions were held for YCS Alumni who had participated in initiatives and projects throughout the past year. The results of one Alumni session, where they focused on **sharing experiences** through individual and group reflection, is captured in the graphic illustration on the cover of this report.

Encouraging **meaningful conversations** between all participants and partners was prioritized. During one virtual session, students learned how to ask probing questions regardless of the power dynamic. Partner-focused presentations by our visiting youth activists highlighted the power of young people to make a positive and measurable impact in the climate space. Panel and roundtable discussions between guest activists and participants were **motivating and inspirational** to all in attendance. The panel's collective words of wisdom are summarized in the illustration at the close of this report.

We appreciate the continued support of Bermuda's Ministry of Education who make it possible for public school students and educators to access the tools and resources required to fully participate in the Summit.

Educate Inform Engage



PRE-SUMMIT ACTIVITIES & OUTCOMES

Youth Climate Cinema

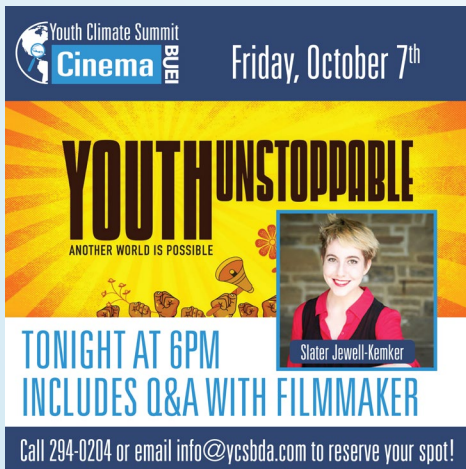
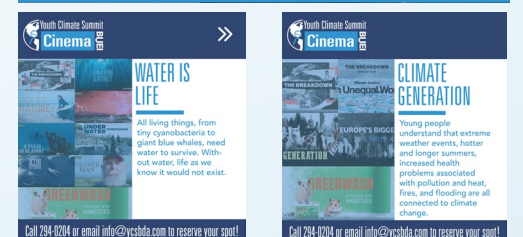
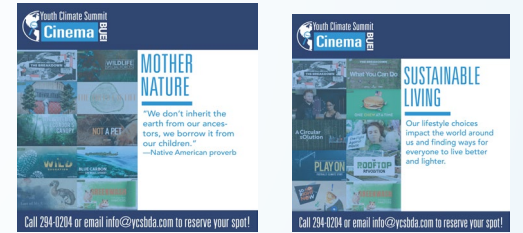
Engaging the entire community in the climate conversation.

BUEI's 2nd annual Youth Climate Cinema series was a 4-week showcase of environmental documentary short and full-length films aimed at audiences aged 12 and above.

One hour of informative environmental short films. Short films were shown in 60-minute blocks rotating throughout the month. [See highlight reel here!](#)

Weekly feature-length films with filmmaker Q&A and panel discussions, focused on sustainability, conservation, and climate justice.

All films in the series were free to attend.



Pre-Summit Engagement

THE COUNTDOWN IS ON!
ONE DAY
TO GO UNTIL REGISTRATION OPENS



Youth Climate Summit
Bermuda BUEI

Registration Dates: October 7th - 23rd
www.YCSBDA.com

Youth Climate Summit
Bermuda BUEI

3
DAYS
TO GO

MAKE A DIFFERENCE IN YOUR COMMUNITY!
VISIT WWW.YCSBDA.COM/REGISTER

Youth Climate Summit
Bermuda BUEI

2
DAYS
TO GO

DON'T MISS OUT - REGISTER NOW!
VISIT WWW.YCSBDA.COM/REGISTER

- Extensive Social Media campaign
- Focused on representation
- Daily countdown & engagement
- Clear call to action
- 12 school assemblies & faculty sessions
- 4 weeks of climate documentary screenings and filmmaker Q&A's



THE BREA
ROOFTOP
REVOLUTION
A CORAL
REEF STORY

YOUTH CLIMATE CINEMA IS BACK!
FRIDAYS, SATURDAYS & SUNDAYS IN OCTOBER
VISIT YCSBDA.COM/CALENDAR FOR RUNTIMES AND BLOCKS

WILDLIFE
UNDER
WATER
UNDERDOG

Call 294-0204 or email info@ycsbda.com to reserve your spot!

INSPIRE CHANGE IN OUR
COMMUNITY
VOLUNTEER AT YCS 2022
FRIDAY & SATURDAY NOVEMBER 25th & 26th



Youth Climate Summit
Bermuda BUEI

YOU MUST BE 18 AND OLDER
TO VOLUNTEER FOR THIS EVENT!
WWW.YCSBDA.COM | info@ycsbda.com

SCAN TO SIGN UP!

Youth Climate Summit
Bermuda BUEI

WATCH ONLINE!

Wednesday, November 23rd from 12 noon – 1:30pm AST

Climate Action: What Can I Do?
How do I know what is true and what is not? What questions should I be asking?

Subject Matter Expert
Jessica A. Knoblauch
Senior Staff Writer, Earthjustice

Youth Activist
Andrew Fagerheim
Co-Founder, Central New York Youth Climate Summit

YCS 2021 Alumni
Fabola Adams
Muriel Bridgewater
Climate Justice Project

Lia Smith

WATCH ONLINE NOW AT BUEI'S YOUTUBE CHANNEL - @BUEIHERMUDA

Rayne Sullivan
Co-chair Sustainable
Ocean Alliance



"As an islander, I'm really passionate about advancing nature-based solutions as well as tech-enabled social entrepreneurship not only in Hawaii but in island communities across the globe."

Meet Our 2022
Youth Activists



Scarlet Westbrook
Climate Activist and Journalist



Rayne Sullivan
Co-Chair, Sustainable Ocean Alliance



Xabiercasi
Environmental Activist and Hip Hop Artist



Andrew Fagerheim
Co-Founder, Central New York Youth Climate Summit



Sarah Syed
Climate Activist, Newswriter, Poet

Learn how these young people are using their platforms to shape social change during the 2nd Annual Youth Climate Summit!
To learn more visit www.YCSBDA.com

Youth Climate Summit
Bermuda BUEI

Your Turn, Your Voice
www.YCSBDA.com

Meet Our 2022
Subject Matter Experts



Dr. Mark Gushard
Director, Bermuda Weather Service, Institute, Bermuda Institute of Ocean Sciences



Dr. Isabel C. Rivera-Collazo
Assistant Professor, University of California, Scripps Institution of Oceanography



Jessica A. Knoblauch
Senior Staff Writer, Earthjustice



Andrew McFarlane
Head of Climate, ADA II

These professionals are excited to share their unique perspective and expert insight on climate issues during the 2nd Annual Youth Climate Summit!
To learn more visit www.YCSBDA.com

Youth Climate Summit
Bermuda BUEI

Your Turn, Your Voice
www.YCSBDA.com



Pre-Summit Promotion

PARTICIPANTS

- 180 total registrations received
- 161 accepted

Schools represented

Berkeley Institute

Mount Saint Agnes (MSA)

Bermuda College

Sandys Secondary Middle
School

Bermuda High School (BHS)

Somersfield Academy

Cedarbridge Academy

Warwick Academy

Clearwater Middle School

Whitney Institute Middle
School

Dellwood Middle School

Pre-Summit Outcomes



VIRTUAL SESSIONS OUTCOMES

“It exceeded my expectations because it was so interactive.”

Student Participant

“The fact that some presenters used their pronouns, even if it was a really small thing, made me feel safe and welcomed.”

Student participant

Monday-Thursday 12pm – 1.30pm

Purpose: *Build a common understanding to drive conversations*

- ☐ International Subject Matter Experts provide background & context
- ☐ Global overview, local impact
- ☐ Youth Advocates share their stories, challenges & successes
- ☐ Facilitated Q&A, daily surveys and polls to maintain engagement

View virtual sessions [here](#).

Virtual Sessions: Educate, Inform & Engage

Monday, November 21st



Climate 101: What's All The Buzz About?

What is climate? How does climate change? Why should it matter? What can we be sure of and what is still to be discovered?

[View Virtual Session HERE](#)

Subject Matter Expert



Dr. Mark Guishard
Director, Bermuda Weather Service

Youth Activist



Scarlett Westbrook
Climate Activist and Journalist

YCS 2021 Alumni



Zahara Trott
Conservation Project

Monday Virtual Session



Interactive polls in the virtual sessions sought to capture trends in participants' collective understanding about climate and how we fit into the picture. Including these visual representations of responses, encouraging student reflections and feedback during expert presentations and session themes allow students to be part of the conversation and connect to the content and people on the screen.

Monday Session Outcome

Tuesday, November 22nd

Climate Impacts: Why Should I Care?

*How does climate change impact the environment around us?
Who is impacted the most and why?*

[View Virtual Session HERE](#)



Subject Matter Expert



Dr. Isabel C. Rivera-Collazo
Assistant Professor,
University of California

Youth Activist



Rayne Sullivan
Co-Chair, Sustainable Ocean Alliance

YCS 2021 Alumni



Ava Gibson

Sustainability Project



Laura Hupman

Tuesday Virtual Session

Post-presentation with Dr. Isabel Rivera-Collazo, regarding the most interesting connection between climate and impact:

- *I had never really thought of non tangible aspects of our lives and not just the planet itself. Virtual participant*
- *Climate can connect all the way back to 4000 years ago. I didn't think that was possible. To know that our history can determine our lifestyle and we can affect the future. Virtual participant*

What connection do you now see between climate change and cultural identity?

Many foods are made by farms that are being affected by climate change.

Climate change effects the look of a place when storms suddenly hit and bring destruction to the island.

If climate change continues, cultural identities will have to change and adopt to the new environment

Tuesday Session Outcome

Wednesday, November 23rd

Climate Action: What Can I Do?

How do I know what is true and what is not? What questions should I be asking?

[View Virtual Session HERE](#)

Subject Matter Expert



Jessica A. Knoblauch
Senior Staff Writer, Earthjustice

Youth Activist



Andrew Fagerheim
Co-Founder, Cental New York
Youth Climate Summit

YCS 2021 Alumni



Fabiola Adams



Moriah Bridgewater



Lia Smith

Climate Justice Project

Wednesday Virtual Session



Sustainability is the regenerative use of resources that sustains our needs today without compromising the needs of future generations.

Example: The Bermuda stepped roof water system and growing produce locally.



Students pre-selected their area of focus for Saturday's onsite sessions.

Conservation is the act of safekeeping existing resources for present and future generations.

Example: Protecting water quality; preserving green belts and nature reserves, i.e. the Railway trail, Spittal Pond, and seagrass beds.



Climate Justice: Giving a voice to those most vulnerable to the negative impacts of climate change and a say in climate action.

Example: Ensuring Bermuda's climate legislation receives full input and approval from the communities most affected, and that the costs of action are fairly shared.

"You messed it up, you fix it!"

Wednesday Track Selection

Wednesday Participant Reflection

“One important thing I learned from today is _____”

- ***I can make a difference!***
- Use your talents to fight for change.
- I have learned not to be fearful and to let others know what is going on.
- It takes one person to inspire change.
- ***It is good to ask questions.***
- Everyone can make a change, even if it is small.

Wednesday Session Outcome

Thursday, November 24th

Climate & Me: How Can My Future Look?

What's in my control here and now? How can I plan for my future?

[View Virtual Session HERE](#)

Subject Matter Expert



Andrew MacFarlane
Head of Climate, AXA XL

Youth Activists



Sarah Syed
Climate Activist, Innovator, Poet



Xiuhtezcatl
Indigenous Artist and Activist

Thursday Virtual Session

In a word or two, what are some skills, talents, or areas of interest that you enjoy?



How could your hobbies and talents be used for making a difference in the climate space that interests you most?

I can read about climate change to help me better understand the causes and effects.

Picking up underwater trash through freediving

Art can create climate inspired pieces

Thursday Session Outcome



BUEI ONSITE ACTIVITIES & OUTCOMES

“I went in hoping to learn about what I can do to make a difference, and I came out with plenty of ideas and changes I can make to be more sustainable.”

Student participant

“They said it would be fun and informative, and it was!” *Student Participant*

Friday, November 25th

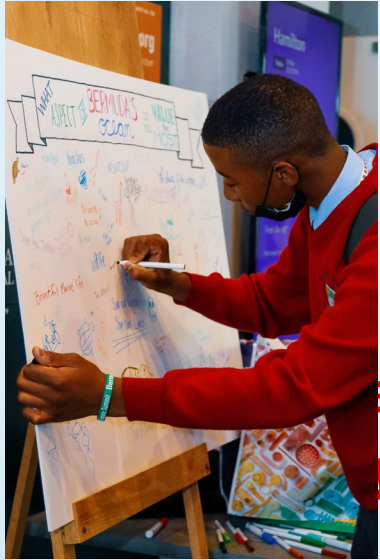
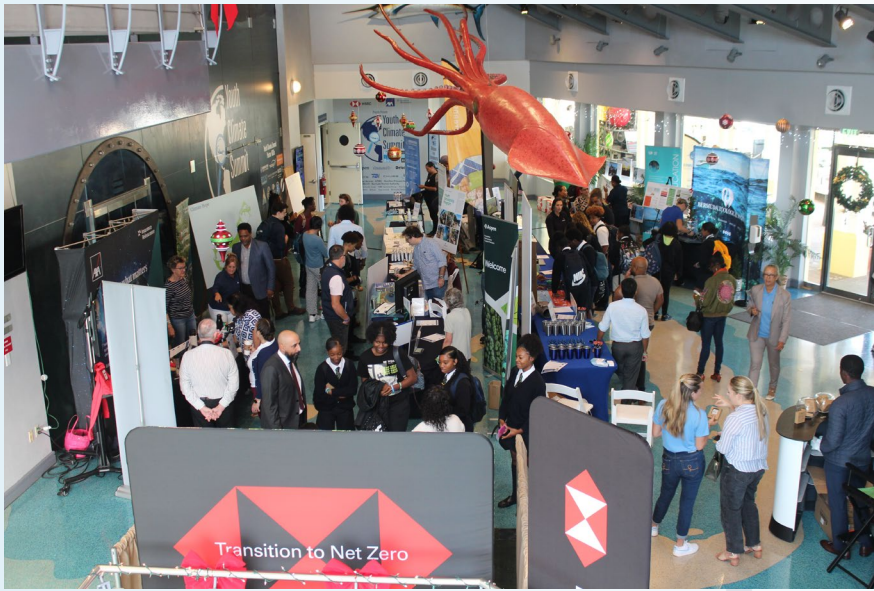
ENVIRONMENTAL SHOWCASE

Purpose: *Identify local resources and collaboration opportunities to inform your own action plans.*

- ☐ Video presentations by local environmental NGOs
- ☐ Interactive and informative booths
- ☐ Face-to-face engagement with international & local organizations

➤ **148 Participants in attendance**

[View YCS 2022 Onsite Highlights HERE](#)

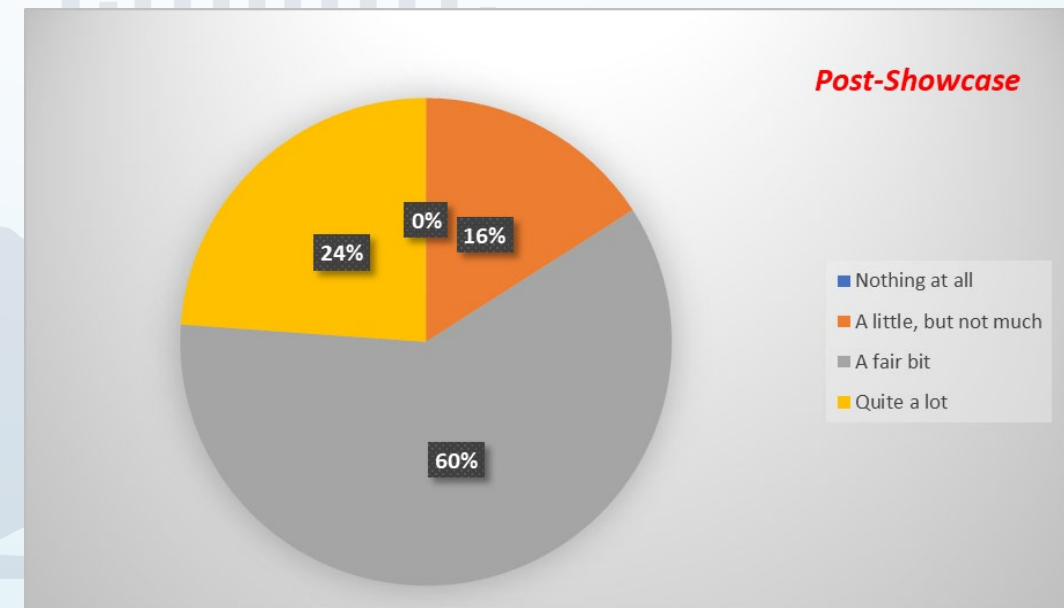
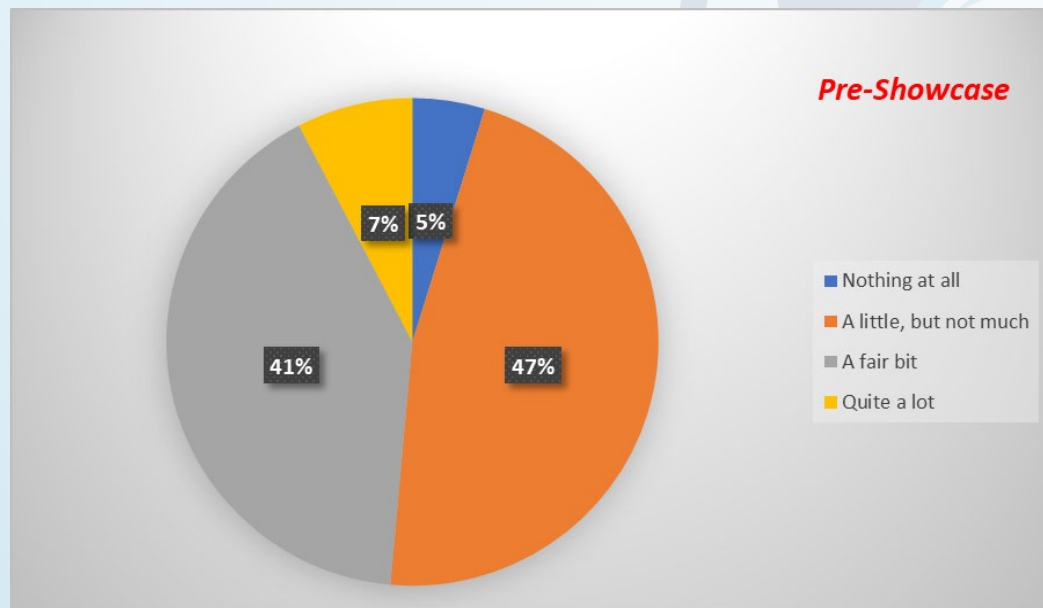


Environmental Showcase: Inform & Engage

Pre-and Post-Showcase survey results measured the impact of the visit with NGO's and partners.

Overall Results

How much do you feel you know about Bermuda's Current Environmental Projects?

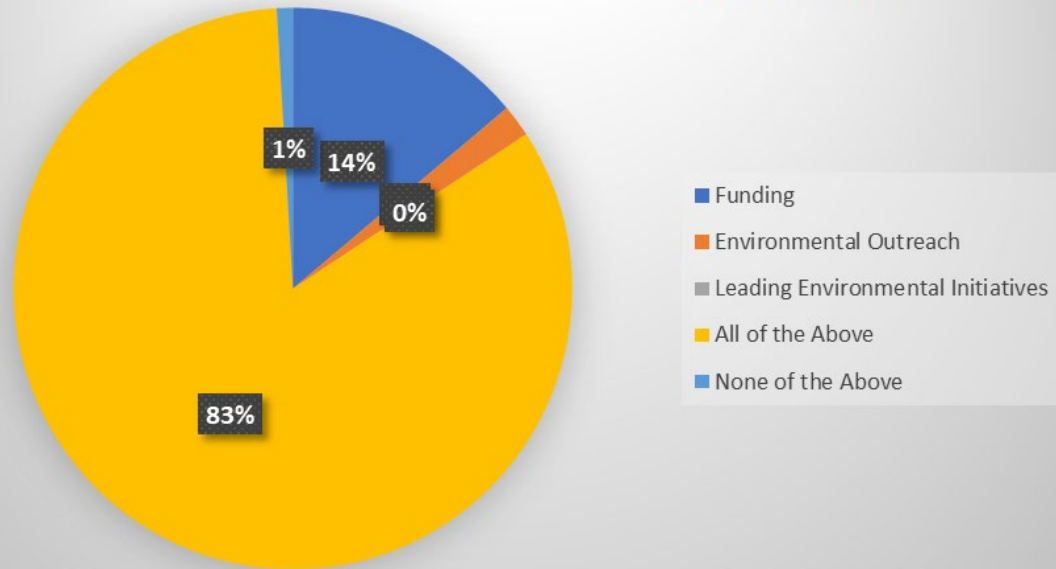


Environmental Showcase Outcomes

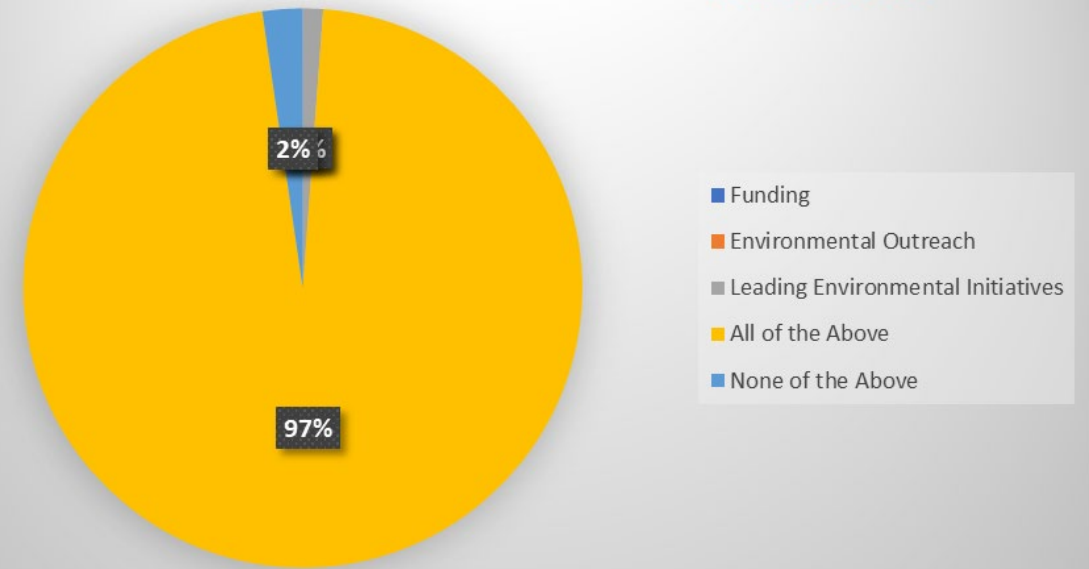
Overall Results

What role do businesses play in tackling environmental issues?

Pre-Showcase



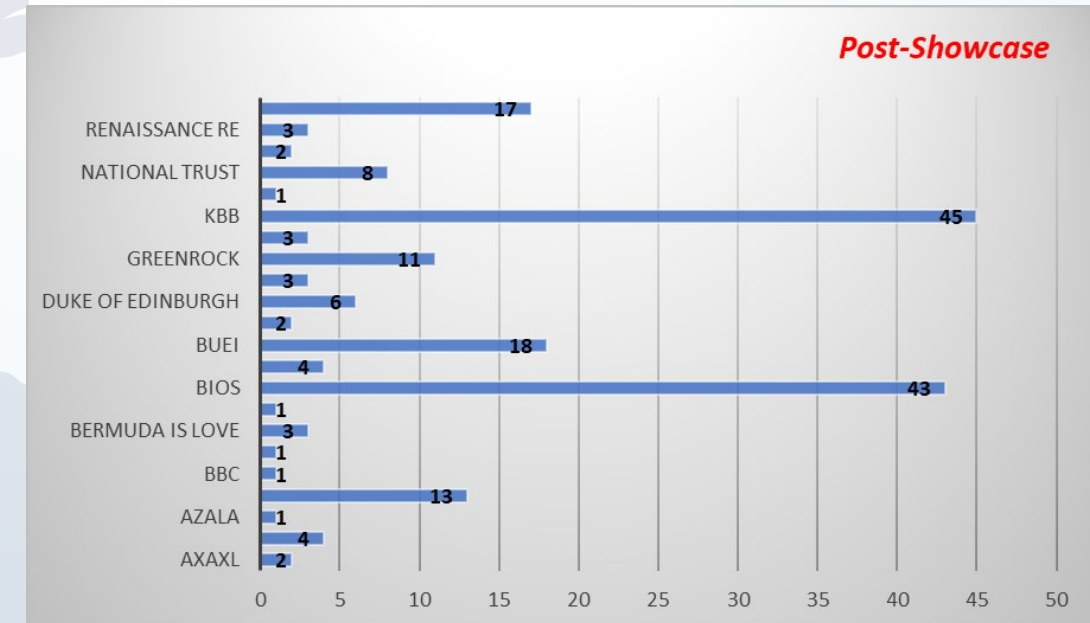
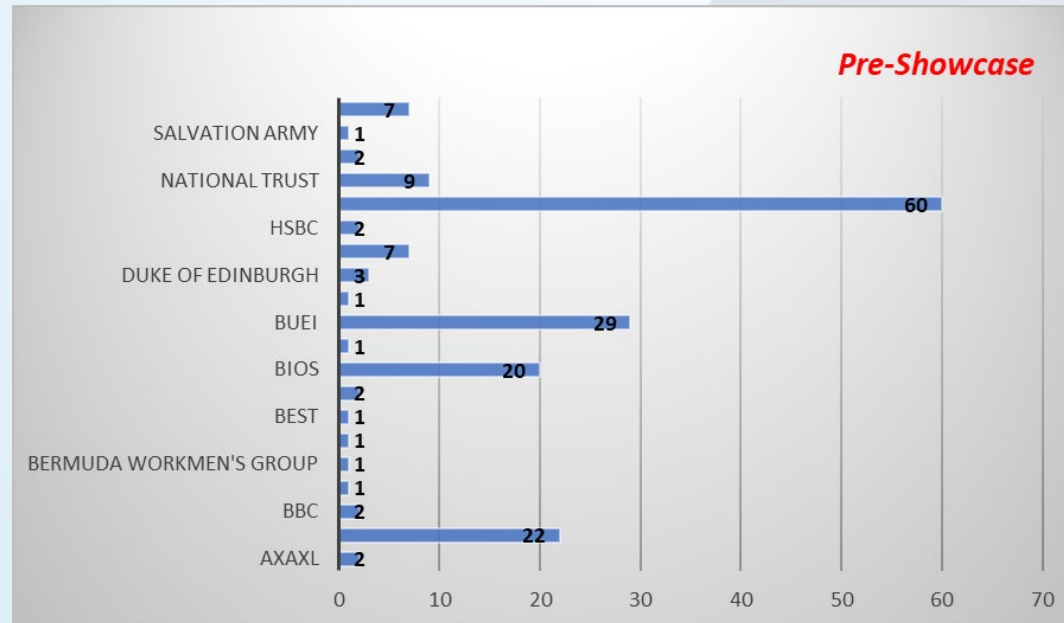
Post-Showcase



Environmental Showcase Outcomes

Overall Results

What are some local Environmental Organisations that you know of?



Environmental Showcase Outcomes

Post-Summit Survey Responses

What did you most enjoy about the Environmental Showcase on Friday?

I really liked meeting all the local activists and organizations so i am aware of what people in Bermuda are doing as well as being able to get involved with them.

I enjoyed talking to the people there and learning about what is currently being done in Bermuda and different organization's plans for the future.

I enjoyed that I was able to talk to the sponsors and hear the changes they are pushing in their workplace environment. I was also able to register for some things.

Talking to organisations about what they are doing be become more sustainable and how they aim to reach net zero.

I enjoyed the way we were able to collaborate with the partners, some made a game and we won prizes.

How we were given little things to help reduce our carbon footprint in Bermuda.

I liked seeing the different companies and what they had to offer in innovation.

Everyone was super nice, and they were all curious about what i had to say.

I enjoyed learning about the different organizations in Bermuda that are making an effort to change Bermuda positively.

I like the mini stalls of the organizations and how they explained their cause and how they're going on about it.

Meeting with vendors, establishing what opportunities were available for students, schools etc; free giveaways; any body always likes a free gift!



*I thought it was cool because I was able to meet the different sponsors. It was good to know so many people cared about the climate.
14 year-old Berkeley Institute*

I attended the NGO/Corporate fair on the Friday with my students and it was very professionally presented. I was super impressed with the videos from the NGOs and the opportunities for interactions with key stakeholders was invaluable for students. Bermuda College Instructor

Environmental Showcase Outcomes

Saturday, November 26th

Purpose: *Your Turn Your Voice!*

➤ **72 Participants in attendance**

- Participants joined like-minded peers
- Voiced their vision for their future
- Identified climate actions and initiatives they can undertake to help secure their vision.
- Selected Advisory Board members

[View YCS 2022 Onsite Highlights HERE](#)

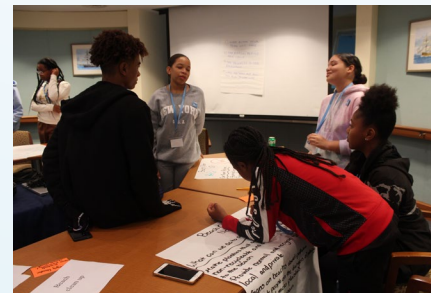
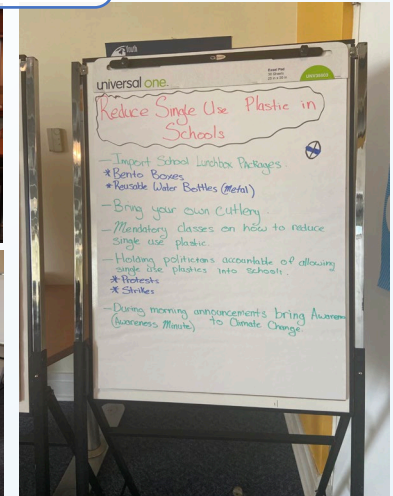
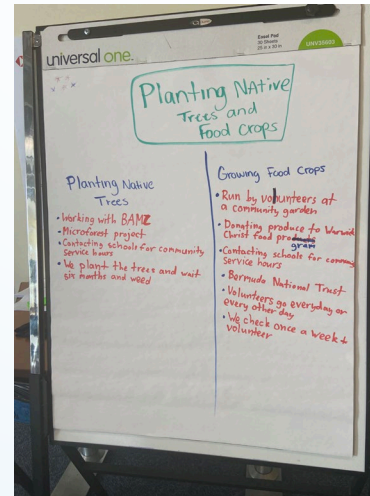


Participant and guest activist open forum

Your Turn Your Voice

What climate initiative would you carry out with your peers?

What would this accomplish?



Your Turn Your Voice

2023 Youth Climate Project Groups

Each group appointed 4 delegates to serve as active advocates and ambassadors for the Youth Climate Projects.

- Keep other Board members informed on their respective project group activities
- Share information from the Board with their project group
- Communicate your project group's needs, issues, or concerns to the Board



Climate Justice



Sustainability



Conservation

Committed to Action



Exclusive Partner Invitation

Meet our visiting Youth Activists during the Environmental Showcase
Friday, November 25th BUEI Butterfield Gallery, Lower Level



Scarlett Westbrook (10:45am to 11:15am)

Scarlett Westbrook, aged 18, is currently the youngest person in the world to have an A level in Government and Politics, which she attained at age 13, and was the youngest regular policy writer in Parliamentary history. As part of this qualification, she specialised in environment and education policy which formed a good base for the work she does today as a member of the U.K. Student Climate Network (UKSCN), and as a climate justice activist. At UKSCN, Scarlett mainly focuses on policy, outreach, and the Green New Deal, though she engages in a wide variety of things. She is also an opinion writer, with words in the Independent, Huffington Post, Gal-dem magazine amongst others. Scarlett is the Head of Political Engagement at the 'Teach the Future' campaign.

In 2020, Westbrook was named as one of Greenpeace's 30 Under 30 climate activists, won the Institute for Public Policy Research 'Big Ideas' policy event, and was the youngest person ever longlisted for the Merky Books writing prize and was named as one of Forbes Top 100 UK Environmentalists.

In 2021, she became the youngest ever recipient of the Women of the Future Young Star award, received the prestigious Diana Award for her journalism and environmental activism, was named 'one of the UK's most high profile youth activists' by Sky. In November 2021 Westbrook attended COP26 in Glasgow, and her subsequent column 'Young people like me have made history this COP26 'youth day' - now it's your turn' in the Independent was featured in The Week's list of best opinion columns. Ahead of the conference, she was profiled in The Observer New Review, the Evening Standard, and National Geographic.

Scarlett will share her work through the 'Teach the Teacher' campaign, which prepares educators to engage students on the topic of climate.



Andrew Fagerheim (12:15pm to 12:45pm)

Andrew Fagerheim, aged 20, is a youth climate leader from Homer, New York. During his time in Homer, he led multiple youth-driven climate action projects including a solar charging station for electronics, co-founded the annual Central New York Youth Climate Summit, and presented at youth climate summits around the state. Andrew served as the Assistant Coordinator of the Village of Homer's sustainability taskforce from 2019-2020. In the fall of 2020, the Village became the first and only municipality in New York to earn Climate Smart Communities certification through the leadership of young people.

In November 2021, Andrew attended the UN's COP26 climate conference in Glasgow, Scotland as a delegate for The Wild Center's Youth Climate Program, where he advocated for youth participation and climate change education as essential components of climate action. This summer, Andrew worked as a research intern at Lamont-Doherty Earth Observatory on a

project quantifying small-scale temperature anomalies in the ocean. Andrew is currently a junior at Columbia University majoring in Earth and Environmental Engineering and is interested in going to graduate school for environmental science.

Andrew will discuss the challenges and opportunities in cross-cultural youth climate exchanges.



Rayne Sullivan (1:45pm to 2:15pm)

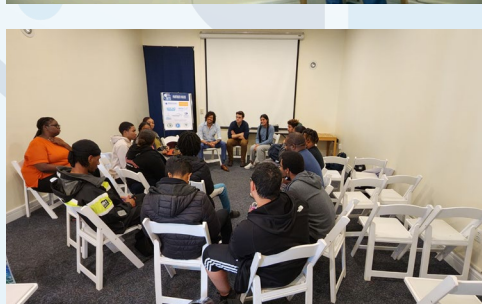
Rayne Sullivan, aged 26, is a J.D. Student, Stanford Law School. Rayne's work focuses on climate change, tech law, Indigenous innovation, youth advocacy, as well as nature-based solutions and social entrepreneurship in island communities. At PreCOP26, Rayne represented the United States at the UN's inaugural Youth4ClimateSummit in Milan.

Rayne serves as an executive advisor at the Oxford Artificial Intelligence Society (OxAI). At OxAI, he co-developed the initiative on diversity & inclusion, and managed industry relationships with Alphabet's X, QuantumBlack, and other leading firms. Through his research, he analyzed socially responsible AI development as a member of the Rhodes Artificial Intelligence Lab and conducted field research on national innovation strategies in Southeast Asia. Additionally, Rayne cofounded, Georgetown Diplomatic Strategies, a diplomacy non-profit that engaged with over fourteen embassies and launched a program to increase gender equality in foreign policy. Rayne is currently pursuing his J.D. at Stanford Law School. He holds a master's degree from

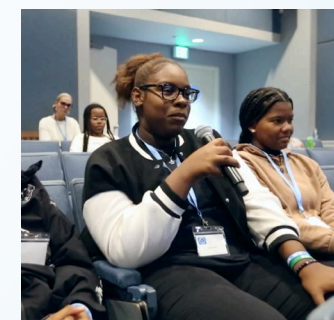
the University of Oxford, where he researched emergent technology. He received his B.A. from Georgetown University. At Georgetown, he studied international relations and foreign investment, and led Georgetown's largest event on climate change and international security.

Rayne, a native Hawaiian, will focus on the role of emergent ocean science and technology in building small Island nation resiliency.

Our guest youth activists will share an overview of their work and its international impact, while providing personal insight on effective ways to engage young people in the climate discussion.



Participant Presentations Saturday, November 26th



Visiting Activists

“As there is an overwhelming desire for change and climate action in Bermuda, the potential for this YCS programme is enormous. There is a void in climate education, climate orientated solutions, and a need to facilitate action across different communities and organisations. BUEI is the ideal organisation to manage this programme and perfectly positioned to advance it further. There are many long lasting results from last year’s programme and bridges built that will carry it forward. Foremost, my goal was to encourage our youth to voice their opinions and open all doors to shine their light on this topic in Bermuda. It was an absolute pleasure working with BUEI and the students and I am very proud of what we have achieved together.” - *Dr. Rosemarie McMahon, YCS Consulting Director*

A Year of Alumni Action

Alumni Ambassador Awards

Thursday, November 24th



Climate Justice



Sustainability

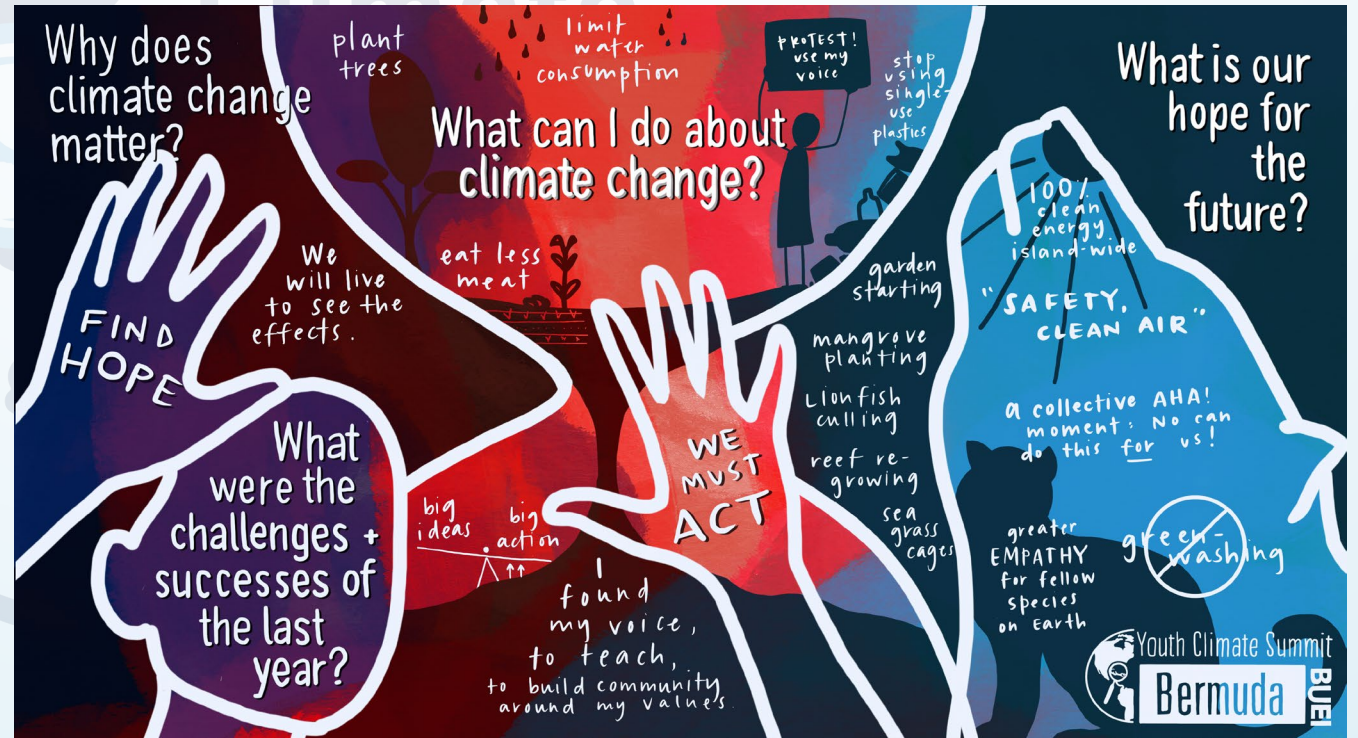


Conservation



Alumni Ambassadors Summit presentation

Saturday, November 26th



Alumni Ambassadors

Conservation Project

Mangrove reforestation at Waterville in Paget

Sunday, November 27th



*The post Summit programme unites and empowers our youth by **advancing** their understanding of climate topics and facilitating climate action through a guided programme structure.*

[Click to View The Video](#)



Alumni Ambassadors

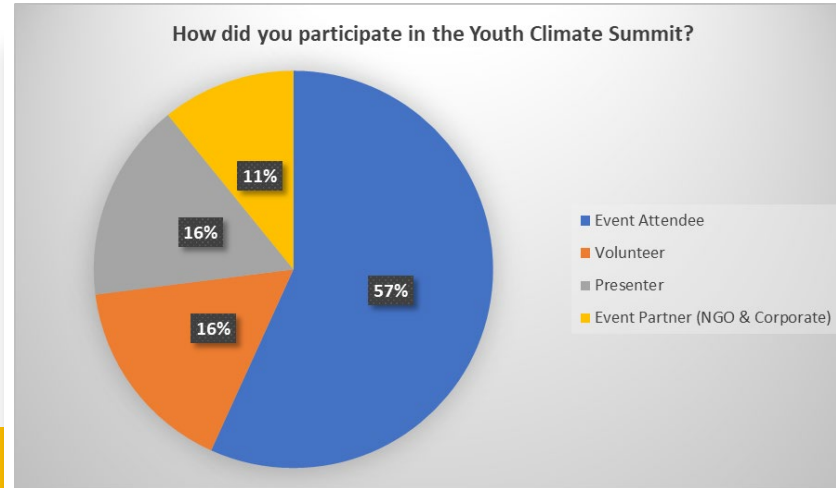


Post-Summit Feedback

"I participated in the youth climate summit because when I was in middle school, I saw it and wanted to participate but I didn't so when I heard about it in high school I signed up. I am hoping to have a cleaner future."

Student Participant

2022 Post Summit Feedback



"I choose to participate in Youth Climate Summit because I think in order to make a difference, we have to step up and be the difference. I took away more knowledge about the climate and the opportunity to be a part of a new group because of the Youth Climate Summit." Student Participant

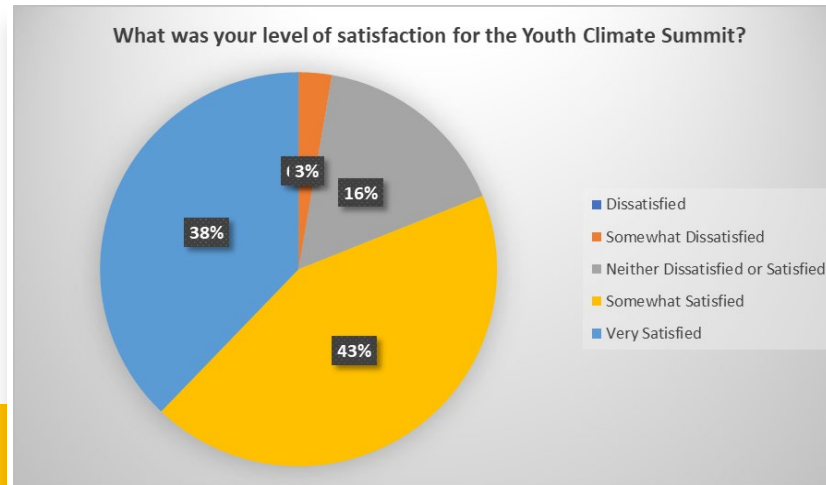
"I promote the issues of Global Warming at school through the ECO club plus infuse it in Social Studies lessons." Faculty Member

"I wanted to participate because even though I was quite aware of the problems, I thought that I could learn what to do to help." Student Participant

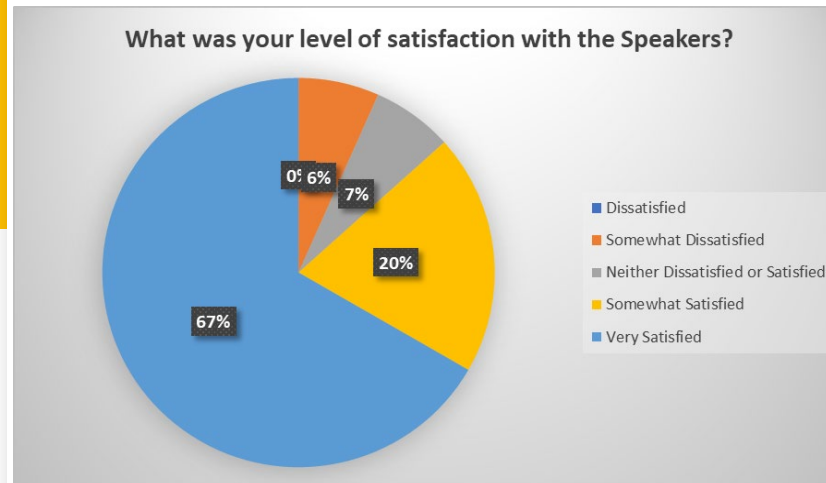
"I participated for a class lab, but I wasn't expecting to take anything from it. However, many opportunities that I didn't know about such as SCUBA diving and controlling drones were presented to me." Student Participant



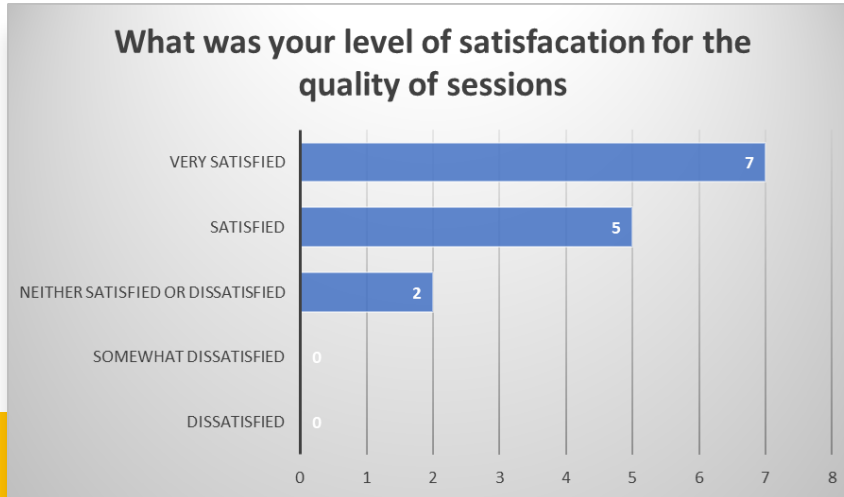
2022 Post Summit Feedback



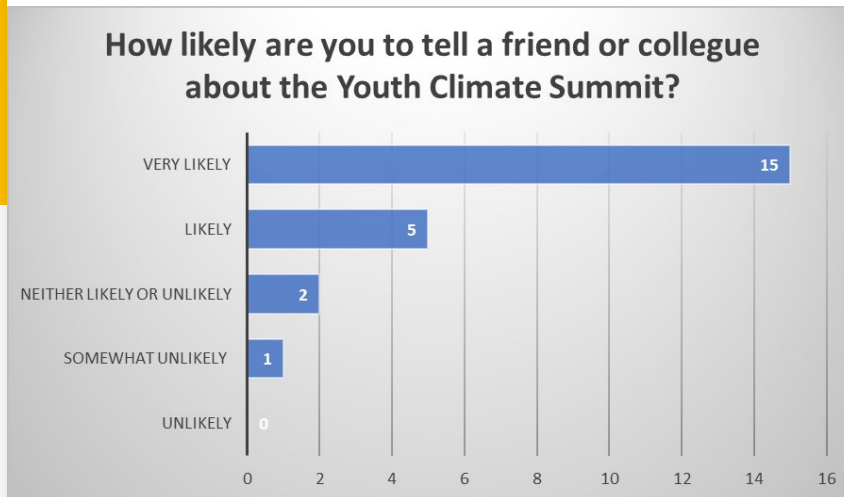
"It went into enough depth for you to understand the situation of what would happen to our Earth and also because when the guest speakers talked, they had a lot of passion for what they were saying, and I admire that" Student Participant



2022 Post Summit Feedback



"I found the event to be very successful in addressing the different environmental problems around us and providing students with simple ways to tackle these issues. I thought the organization of the Climate Summit was very good, as it allowed for a unique and interesting learning experience." Student Participant



87 % Net Promoter Score





Partner Overview

“The stall set up organisation was great (the layout, facilities (plugs), and setting up the day before) Really appreciated the talks from the visiting activists, they were incredibly insightful, interesting and engaging.” YCS Partner



HSBC



**XL Insurance
Reinsurance**

 **Aspen**

RenaissanceRe

Deloitte.



CONDUIT RE

TBi

CHUBB



Neuberger Berman KPMG Hamilton Princess Hotel

BELCO Bermuda Tourism Authority

ABIR Lindo's Family Foods QBE Insurance Group Guy Carpenter

Bermuda Development Agency BESolar Argo Limited Marsh McLennan

2022 Summit Partners

BUEI partners with organizations who share a similar vision for Bermuda – where the Island's youth and young adults have a strong connection to the environment and imagine themselves as future business owners, community leaders and environmental advocates.

We extend our sincere thanks to all Summit Partners for providing the necessary funding to underpin the Summit's success, for their thoughtful input throughout the event's development stages, and for their generous sharing of time and resources to engage with participants.

Thank You



2022 Youth Climate Summit Event Report