

STUDENT ENERGY

ANNUAL REPORT

2019



INTRODUCTION

- 2 10 Years of Student Energy
- 3 Letter from Board Chair

REFLECTING ON 2019

- 4 Strengthening core programs
- 5 What we learned

FOCUS FOR 2020

- 6 Building Bridges and Elevating Youth

OUR IMPACT IN 2019

CREATING CHANGE AGENTS

- 8 Chapters
- 11 International Student Energy Summit
- 13 Energy Literacy Platform

MAKING SPACE FOR YOUTH

- 15 Greenpreneurs
- 15 Clean Energy Ministerial and Mission Innovation Forum
- 16 UN Climate Summit and New York Climate Week
- 17 OGCI CEO Stakeholder Dialogue
- 17 UNFCCC COP 25

LOOKING AHEAD

- 18 Leaders Fellowship
- 18 Global Youth Energy Outlook
- 18 Chapters Expansion

19 STUDENT ENERGY TEAM

21 SPEAKING ENGAGEMENTS, BOARDS & COMMITTEES

23 MEDIA AND AWARDS

25 PARTNERS

28 FINANCIALS



10 YEARS OF BRINGING TOGETHER A GLOBAL YOUTH ENERGY MOVEMENT

Student Energy's Theory of Change is centred on empowering young people to act, and making space for youth to accelerate a sustainable and equitable energy future. Since the organization's inception in 2009, we've gone on to prove that every young person is capable of creating change on a global scale when provided with the platform and tools they need to act.

Student Energy started with a spark. Three driven students, passionate about energy, found themselves unheard in the spaces where energy decision-makers and key influencers were determining their energy future. They came up with one ambitious idea: an international conference, with hundreds of global youth passionate about energy, the world's energy leaders, and three days of innovation and dialogue. Young people would set the agenda, ask questions, and demonstrate how youth leadership can transform the energy system. Soon after the first conference took place in Calgary, Alberta, that spark turned into a global youth energy movement.

Since the first International Student Energy Summit in 2009, Student Energy has expanded its programming to offer a groundbreaking digital Energy Literacy Platform, empowered thousands of youth around the world through university-based Student Energy Chapters. The International Student Energy Summit is now the largest student energy conference in the world.

This growing movement of students who are motivated to transform our global energy system is Student Energy's greatest success story, with over 50,000 students from over 150 countries engaged in our programs. Our alumni continue to advance this mission in diverse career paths, whether it's developing renewable technologies, innovative policy frameworks, running for political office, advising the United Nations, or working with some of the world's leading energy companies and organizations.

LETTER FROM OUR BOARD CHAIR

Dear Student Energy Community,

2019 was a crucial year for youth. With young people taking to the streets every Friday all over the world to demand action on climate change, it became clear that the youth voice is one that cannot be ignored, and that youth passion is perhaps the most precious resource we have at our disposal for delivering a sustainable future.

Our 10th anniversary year was also a record year for Student Energy in terms of amount of activity, depth of impact, and learning for the organization. As momentum builds in the global climate movement, more and more young people around the world are seeking ways take tangible action to transform the energy system, and interest in Student Energy's programs are rapidly growing as a result.

A core theme that emerged from Student Energy's work this year is the importance of including diverse voices in the energy transition, to ensure that equity is a central focus in all global clean energy and climate solutions. This was made abundantly clear with our first ever Indigenous Student Energy Summit, SevenGen, and was a theme that carried through to the Clean Energy Ministerial and Mission Innovation Forum where youth from 25 countries met with key policy decision makers, and then through to our International Student Energy Summit in London (SES2019).

SES 2019 was the largest Summit yet, bringing together 650 students from 98 countries, 65 speakers and 32 partners together under the theme of 'Breaking Barriers'. SES was the spark that began Student Energy's journey back in 2009, when we hosted the first conference in Calgary, Alberta. In the ten years since, Student Energy's network has grown to 50,000 youth in 150 countries, including 41 university chapters, an Energy Systems Map that has reached 3 million visitors, and a growing number of programs built on our youth empowerment model.

Throughout this busy year, we've seen the incredible potential of Student Energy's youth empowerment model to accelerate the energy transition, as all our programs continue to be co-created with young people, for young people. From our active presence during the UN Secretary General Climate Action Summit, to the successful second run of our Greenpreneurs Business Pitch Competition, our programs demonstrated the unique potential of intergenerational collaboration to generate innovative solutions to complex energy and climate problems.

Moving forward into 2020, Student Energy is focused on further building and strengthening bridges between young people and established decision-makers in the energy sector and to bring these diverse voices to the forefront of decision-making. We look forward to launching the inaugural cohort of the Leaders Fellowship and kicking off the Global Youth Energy Outlook research project, and to keeping you updated and involved in this journey! The time for action is now and we believe that we are helping to develop the changemakers who will turn ambitions to reality. We thank you for your continued support of Student Energy's mission and network of young leaders.



KALI TAYLOR
CO-FOUNDER
BOARD CHAIR

REFLECTING ON 2019

STRENGTHENING CORE PROGRAMS

At the end of 2018, we set a goal to deepen each of our core programs: Chapters, the International Student Energy Summit, and the Energy Systems Map. We also set a goal to **grow the organizational leadership team** to bring on dedicated staff for communications and operations, along with added capacity for the Chapters program. Now, our team has grown to support with communications, operations, Greenpreneurs, and administrative work.

This expanded capacity has allowed us to utilize a **developmental evaluation framework** to dive deep into each of our core programs and ensure that they continue to expand and evolve, guided by the needs of our youth network. Our mission-guided work and additional staff capacity has also allowed us embark on some exciting new initiatives to support the core programs, such as the Leaders Fellowship and the Global Youth Energy Outlook, two major projects for 2020.

CHAPTERS

With the support of a full-time Global Community Manager, the Chapters program is quickly becoming the most in-demand program for Student Energy. Student Energy's 40 active Chapters worldwide have collectively engaged 14,000 people through their energy projects, educational initiatives, and community-building events. This year, we designed our most integrated program yet to streamline Chapters education: the Student Energy Leaders Fellowship.

The inaugural cohort of Leaders, selected from a global pool of applicants, will begin a 10-month experiential education program in January 2020 that combines core energy systems education and crucial future work skills.

The Leaders Fellowship responds to growing interest among young people to pursue careers in energy and climate action. The program tackles some of the biggest barriers they face in entering these careers by providing essential soft skills, systems-thinking frameworks, strong professional networks, effective mentorship, and knowledge of career development pathways.

INTERNATIONAL STUDENT ENERGY SUMMIT 2019

SES 2019, held in London, UK, was the largest and most diverse Summit to date, bringing together 650 delegates from 98 countries, 30+ partners, and 65 speakers. The organizing team, a multidisciplinary group of students from across Europe, won a competitive bid to host this year's Summit. Working with Student Energy over the next two years, the student organizing team realized their vision in July 2019, with *SES 2019: Breaking Barriers*.

ENERGY SYSTEMS MAP

Reaching over three million users since its launch in 2015, the Energy Systems Map is the number one digital tool for learning about the energy system, and has been used by high school and post-secondary students, educators, community organizers, and other non-profit organizations.

As we've observed the rapid changes that are taking place amidst an escalating climate crisis, Student Energy is designing a full update to the Energy Systems Map, with contributions from our global network of young people.

REFLECTING ON 2019

WHAT WE LEARNED

We are actively seeking out and listening to diverse perspectives and ideas from our global network of young people, and integrating them meaningfully into our short-term and long-term work. These are some of the important things we've learned this year from listening to our network, and some of the ways we are building them into our work.

A JUST AND EQUITABLE ENERGY TRANSITION

Perhaps the biggest distinguishing element of the current youth climate movement is that young people around the world are focused on solutions that not only reduce carbon emissions, but advance equity and justice across society. This is particularly true for the energy system, which remains both unsustainable and inequitable. To better communicate how young people want to take action for a sustainable and just energy transition in their communities, we are launching a year-long global research project, the Global Youth Energy Outlook, designed to be a definitive tool for decision-makers to engage with global youth perspectives.

GUIDING PRINCIPLES

This year, we created three sets of guiding principles that **improve transparency** in our work and allow us to **advocate for better youth engagement** from all organizations that we work with. These principles will be publicly available on Student Energy's new website. in spring 2020.

Partnership Principles describe how we decide who we work with and how, and are shared with all prospective partners before we begin working together.

Youth Engagement Principles describe what meaningful youth engagement looks like, and contains some baseline conditions that we must strive to meet before developing or offering an opportunity to our youth network.

Internal Principles ensure that Student Energy staff, board members, and youth network are well supported in their work.

INTERGENERATIONAL COLLABORATION

Student Energy's programs have always facilitated opportunities for young people to collaborate with established energy leaders, but we learned this year that there is still so much untapped potential in intergenerational collaboration. For example, we brought a global youth delegation to the Clean Energy Ministerial and Mission Innovation Forum and ran a parallel Young Leaders Forum. For the first time, young people had the opportunity to meet with ministers and other world energy leaders, collaborate on youth-centered innovation activities, and participate in formal roundtables. We heard positive feedback on this collaborative model, and on the lasting impact the program made on the decision-makers and energy leaders that attended.

EFFECTIVE MENTORSHIP

The variety of career pathways related to energy and climate change can seem very opaque for many young people, who often do not yet have an established network. For example, our youth delegates from SevenGen identified pervasive systemic racism and intergenerational trauma as the biggest barriers preventing more Indigenous youth from getting involved in energy. As one solution, they emphasized how transformative it can be to have an Indigenous mentor working in the energy and climate change sector. We are building on this learning by integrating mentorship as a core component in our Chapters program.

LEVERAGING OUR YOUTH EMPOWERMENT MODEL

Student Energy runs on a youth empowerment model, which means allowing young people to develop and lead projects that meet their vision for the energy future, and programs that teach what they want to learn about taking action on the energy system. This year, receiving an unprecedented number of applications for the Student Energy Summit, Leaders Fellowship, and other programs, we learned that there is rapidly growing demand for programs built on this model.

FOCUS FOR 2020

BUILDING BRIDGES AND ELEVATING YOUTH

We've spent the past decade speaking to and working with thousands of young people from over 150 countries, and we continue to hear that **the pace of the energy transition doesn't yet match the scale of action needed to address the climate crisis**, and that young people are often not meaningfully engaged in developing and implementing solutions.

Young people are calling not just for a clean energy transition, but a just and inclusive transition that centres Indigenous rights, fights economic inequality, and champions ecological protection. Youth are willing to take on these complex challenges and collaborate to implement innovative solutions in their communities. However, they too often lack the financial support, professional networks, and accessible leadership skills development programs that are necessary to enter these pathways for action.

This is why we are setting our focus for 2020 on **building bridges**. We are building bridges between youth and those who aren't hearing them, and elevate the voices of young people who haven't had the opportunity to meaningfully participate in decision-making on energy.

Here's how we plan to do it:

1. **Gather concrete data** on the specific barriers different groups of young people face in acting on energy, and on their visions for transforming their energy system, so that young people can make concrete, data-supported asks to the public and private sector to support youth-led energy solutions.

2. Ensure that Student Energy facilitates more consistent **access to mentors, connections to energy leaders, and knowledge and skill-building tools** in our programs.

3. Continue to **reduce financial barriers** for young people to participate in our programs, particularly those that are typically prohibitive, such as accelerators and certification programs.

4. Advocate for companies and governments to provide **adequate funding** for young people access spaces of influence, and to facilitate **meaningful collaboration** with young people in those spaces.

Some of our concrete activities in 2020 that are key to reaching these objectives:

1. Launching **50+ tangible youth-led energy solutions** developed during the inaugural Leaders Fellowship that runs from January to October 2020.

2. Building the profile of youth-led solutions and young innovators through a new **story-based communications strategy**.

3. Addressing several critical gaps in data on youth and the energy transition by developing the **Global Youth Energy Outlook**.





OUR IMPACT

CREATING CHANGE AGENTS

CHAPTERS PROGRAM

In 2019, the Chapters program grew from 19 to 41 chapters worldwide, who collectively engaged over 8,100 people through their projects. The Chapters program continues to be Student Energy's most in-demand program, with over a hundred new expressions of interest still on a waitlist. With a full-time Global Community Manager in 2019, the Chapters program is also growing into a tighter-knit, supportive global network where members empower each other with resources, success stories and peer mentorship to take action on energy in their own communities.

Student Energy provides coaching and support that allows Chapter members to develop the skills they need to engage their communities and act on energy. Student Energy also helps form global relationships by facilitating regular Global Calls, inviting current and incoming Chapter leaders to attend a special 'Chapters Day' before the International Student Energy Summit, and opening new opportunities for Chapter members to build their skills, such as entry to the inaugural Leaders Fellowship.

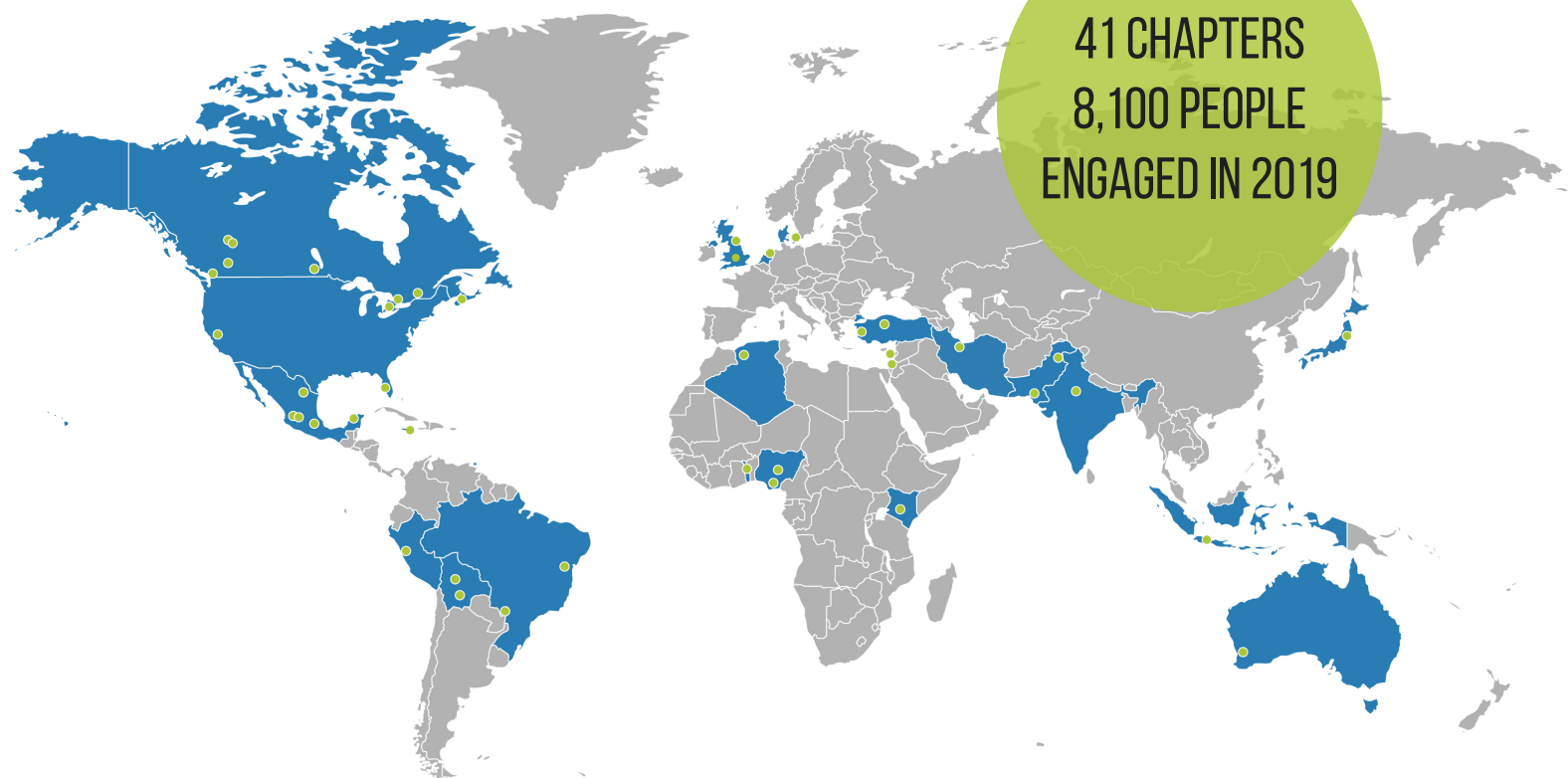


Chapter members at Leaders Day 2019 celebrate after presenting their solutions at a Hackathon focused on systemic energy challenges in some of the world's largest cities.

As of 2019, Student Energy has 9 active chapters in Canada, and we are on track to meet our goal of expanding to every province and territory by 2021. To reach new students and continue building the Canadian Chapter network, our Global Community Manager will be travelling across Canada in 2020 to provide training and resources for new Chapter leaders.

We are also actively identifying key global regions where there is high interest or opportunities to start Chapters.

**41 CHAPTERS
8,100 PEOPLE
ENGAGED IN 2019**



2019 CHAPTERS HIGHLIGHTS

Student Energy Chapters take on a wide array of projects in their communities, from developing energy technologies, to hosting awareness building and informational events for their peers and community, to advocating for better energy policies. These are just a few of the projects Chapters took on in 2019:

- **Tec de Monterrey (Mexico):** The Student Energy Regional Meeting took place for the second year at the Tec de Monterrey campus. This was a weeklong program led by the Tec De Monterrey Chapter that brought together over 100 students to network with companies, listen to presentations and participate in hands-on workshops.
- **University of British Columbia (Canada):** The Student Energy at UBC Chapter has started a year-long project through 2019 and 2020 that will research and present concrete recommendations for reducing transportation emissions on campus.
- **Northern Alberta Institute of Technology (Canada):** The Student Energy Chapter at NAIT ran a net-zero building tour with a local business working on retrofits and participated in a training and tour by the builder of the retrofit.
- **Port Harcourt University (Nigeria):** The Student Energy at Port Harcourt Chapter is organizing secondary school tours to deliver waste baskets and running waste-to-energy workshops across communities.
- **Padjadjaran University (Indonesia):** The Student Energy at Padjadjaran University Chapter is creating an electric bike and renewable charging station to pilot on campus.

- **Najah University (Palestine):** The Student Energy Chapter at Najah University is currently in the process of creating an energy news magazine to distribute on campus and build awareness on energy issues.
- **Universidad Autónoma de Yucatán (Mexico):** The Student Energy at UADY Chapter is currently planning and will be hosting a Model United Nations debate on the energy transition, supported by their university.
- **University of Manitoba (Canada) and the Pan African University Institute of Water and Energy Sciences (PAUWES) (Algeria)** have been collaborating to prototype a clean cooking technology to start piloting in local communities in Algeria.



Student Energy's Chapter members around the world

2019 CHAPTERS HIGHLIGHTS

SEVENGEN: INDIGENOUS STUDENT ENERGY SUMMIT

The first Indigenous youth-led energy summit, chaired by Cory Beaver and Disa Crow Chief, united 200 Indigenous youth from every province and territory across Canada to Calgary, in the traditional territories of the people of the Treaty 7 region in Southern Alberta, which includes the Blackfoot Confederacy (comprising the Siksika, Piikani, and Kainai First Nations), the Tsuut'ina First Nation, and the Stoney Nakoda (including the Chiniki, Bearspaw, and Wesley First Nations), and Métis Nation of Alberta, Region III.

The organizing team of Indigenous and non-Indigenous youth based in Mount Royal University set a goal for delegates attending to see energy and climate action as a way they can impact their own communities, and something that can shape their future careers. With every province and territory represented, SevenGen 2019 was one of the most diverse youth programs and gatherings in Canada's history.

The feedback from delegates was resoundingly positive, with a strong desire to hold SevenGen again to continue its impact. Based on interviews with the organizing committee, partners, and delegates, we found that there were three key recommendations for future editions of the Indigenous Student Energy Summit:

- **The Summit should continue to be led by Indigenous youth who have control over the vision, program, and partnerships.**
- Delegates requested more time to mingle and network with the youth at SevenGen and more space in the program to ask questions of the speakers and engage in ongoing dialogue.
- Going forward, the organizing committee should explore options for a tangible output of SevenGen, such as an Indigenous Youth Energy position paper co-created by the organizing team and delegates.



SevenGen Co-Chairs Disa Crow Chief and Cory Beaver



Keynote speaker Melina Laboucan-Massimo, speaks about energy, food and water systems, and developing community based solar in her home, Lubicon Lake First Nation.



Delegates work with SevenGen speaker and mentor Melissa Quesnelle Naatoi'Ihkpikakii, Advisor, Indigenous Communities & Renewable Energy.



Left: A 'Youth Leaders' panel moderated by Larissa Crawford, featuring Devon Blind, Braden Etzerza, Nikita Kahpeaysewat and Nathan Kaye.

Right: A team of SevenGen delegates celebrate their Innovation Jam presentations.



INTERNATIONAL STUDENT ENERGY SUMMIT 2019

BY THE NUMBERS

650 Delegates

98 Countries

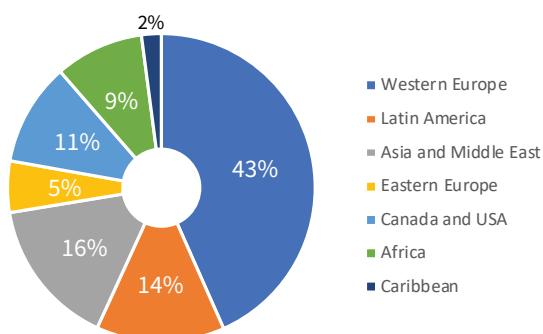
65 Speakers

51% men, 49% women

32 Partners

500 Bursaries

Geographic profile of all attendees



Watch: A video recap of SES 2019 [here!](#)

The International Student Energy Summit (SES) unites and empowers hundreds of international post-secondary students from multi-disciplinary backgrounds to become leaders in the energy transition. SES also brings the world's leaders on energy and climate change to engage with students and build awareness of opportunities in the field. SES is created and implemented by young people, providing an intensive learning opportunity for the organizing committee as they work with Student Energy for the entire rigorous two-year organizing process.

2019 THEME: BREAKING BARRIERS

The theme of SES 2019 was Breaking Barriers, to bring together expertise from across the energy sector to overcome siloed thinking. Recognizing that transitioning the energy system at the pace we need to address the climate crisis requires a strong commitment from all actors in the energy system, SES 2019 empowered delegates with the skills, networks and agency to ask tough questions and take on complex, multidisciplinary challenges.

Innovation Jam

SES 2019 also broke barriers between generations, by inviting students and established actors in the energy system to collaborate on tangible solutions, through workshops, breakout sessions, and the Innovation Jam.

During the Innovation Jam, Student Energy's pinnacle interactive and innovative session, delegates pitched 28 ideas to solve real world challenges and drew on the diverse knowledge and experience of delegates, speakers, and mentors.



Delegates pitched ideas from rural solar development in Northern communities, to electrifying mobility on Indigenous communities, to teaching Indigenous elementary-school students about renewable energy. A large number of the delegate teams plan to continue developing their vision and working within their communities to realize their projects.

INTERNATIONAL STUDENT ENERGY SUMMIT (SES)

Leaders Day

Taking place the day before SES 2019 kicked off, Leaders Day brought together 85 students from 25 countries who are either current Student Energy Chapter leaders, or incoming leaders. In partnership with and supported by HSBC, Leaders Day gave chapter members an opportunity to connect in person, and develop key skills that they can implement in leading their Chapters.

“Leaders Day reminded me that there's so much to fight for and that I have what it takes to fight.”

“It helped me a lot in my personal development by meeting the other chapters with whom we work and we are part of a single team. That was incredible. Also, seeing how the Student Energy team organized the day inspired me a lot to do events of that height in my university.”

(SES 2019 Delegate Survey)



Watch: Highlights from Leaders Day at SES 2019

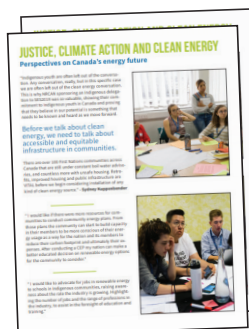
Indigenous Student Energy Delegation

SES 2019 also had the first official Indigenous Delegation, organized by Cory Beaver SevenGen Co-Chair, with 18 youth coming from communities across Canada, inspired by many SevenGen participants who expressed an interest in continuing their leadership development by attending the International Student Energy Summit.

Attending SES was an opportunity for the youth in the Indigenous Delegation to share their knowledge, perspectives and ideas to address challenges in the energy system with young people from around the world. Likewise, SES creates space for delegates to share global perspectives and innovative solutions that further empowered the delegation to take on energy transition initiatives across Canada.

Participants from the SES Indigenous Delegation and SevenGen co-authored a *Call to Action* following the Summit, for governments, industry leaders, and their peers to take bolder action on climate change.

SevenGen organizing team members Nathan Kaye and Jordyn Burnouf interviewed their fellow SES Indigenous Student Energy Delegates to compile a report for Natural Resources Canada, using storytelling to synthesize recommendations. **Read the full report and Call to Action [here](#).**



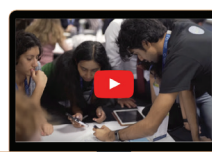
Changemakers Panel

A feature of every Summit, the Changemakers panel features four SES alumni who have gone on to become a young leader in the energy transition.

“This was my favourite panel of the summit - It was much more meaningful because the speakers had been in our shoes recently.”

“It was great to see what other people have been inspired to do after attending and also hear practical stories of what to do next”

(SES 2019 Delegate Survey)



Watch: SES Changemakers talk about how SES influenced their career paths

SES 2019 Changemakers:

Churchill Agutu (South Africa, SES 2017): Founder of Green Collar Africa, an organization building a knowledge economy for young people in Africa to enable them to create a sustainable future for the continent.

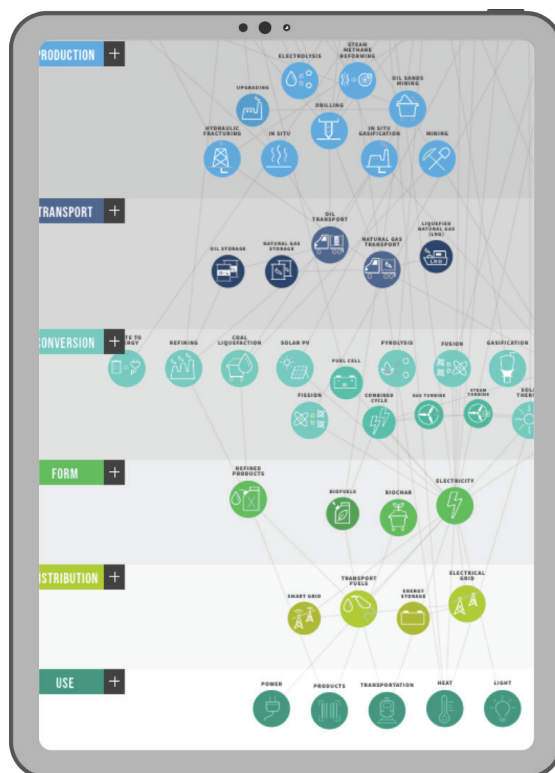
Emma Wiesner (Sweden, SES 2015): An energy engineer and energy markets analyst at Sweco, who recently ran on a climate action-centred platform for European Parliament.

Joshua Miguel López (Philippines, SES 2017): Works in a German political foundation in the Philippines, where he created a Renewable Energy Bootcamp to train youth to collaborate on energy projects in marginalized communities.

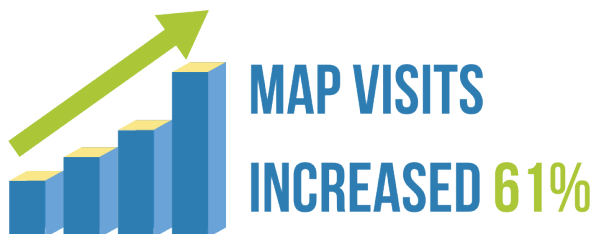
Alec Macklis (USA, SES 2017): Founder of Gridspan Energy, which works to improve sustainable energy resilience on islands.

ENERGY SYSTEMS MAP

Reaching over three million users since its launch in 2015, the Energy Systems Map remains a unique, accessible digital tool for learning about the complex energy system. As we've observed the rapid changes that are taking place amidst an escalating climate crisis, Student Energy is designing a full update to the Energy Systems Map, with contributions from our global network of young people. Launching in Spring 2020, the Energy Systems Map 2.0 will include a layer of 'Influences' on the energy system, and ways people can change the energy system through policy, technology, community, and market-based tools, showing young people concrete pathways to act on the complex energy system.

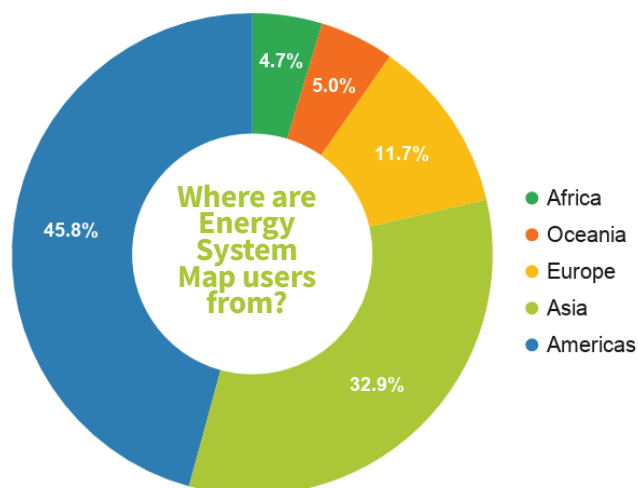
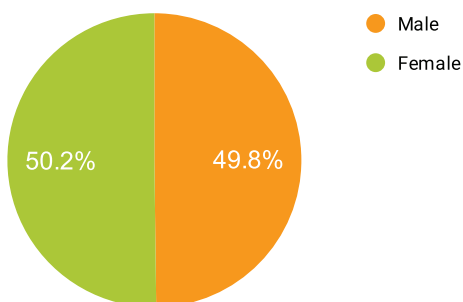


HOW DID WE DO IN 2019?



1,125,103 page views (+62% from 2018)
 1.8 million YouTube views (+8% from 2018)
 3.1 million minutes watched(+12% from 2018)

Gender Breakdown of Map users





OUR IMPACT

MAKING SPACE FOR YOUTH

GREENPRENEURS

Continuing our partnership with the Global Green Growth Initiative (GGGI), Student Energy and Youth Climate Lab led the second Greenpreneurs business pitch competition this year, selecting 15 teams to participate in the program. In October 2019, three teams, Isdabest (Indonesia), Kimuli Fashionability (Uganda) and Rento-Rewa (India) were selected as the winning teams. Teams were judged on three main criteria: strength of their business pitch, potential for positive social impact, and overall vision.

The co-founders of the three winning teams met with GGGI in Seoul to receive their award, which includes USD\$5,000 in small-scale seed funding to establish their social enterprises. In Seoul, Student Energy's Director of Innovation and Partnerships Helen Watts and Youth Climate Lab Managing Director and Co-founder Ana Gonzalez Guerrero [spoke with GGGI](#) about the importance of mobilizing resources to support youth-led sustainable development solutions.



Left to right:
Seanne Esguerra, Co-Founder of Isdabest
Juliet Namujju, Co-Founder of Kimuli Fashionability
Kajol, Co-Founder of Rento-Rewa

CLEAN ENERGY MINISTERIAL AND MISSION INNOVATION FORUM

From May 26-29, Student Energy brought the first-ever young leaders delegation to the 10th Clean Energy Ministerial and 4th Mission Innovation Forum (CEM/MI) in Vancouver, BC, uniting 60 young people from 25 countries, including every Canadian province and territory. For the first time, our delegates were not only in the audience at CEM/MI, but they were active participants in panels, roundtables and plenaries at the forum. The Youth Leaders Forum also invited government, industry and public sector leaders to engage with the youth delegation, including Minister Sohi (Natural Resources Canada), Minister Catherine McKenna (Environment and Climate Change Canada), Ambassador for Climate Change Patricia Fuller (Government of Canada), and Rachel Kyte (CEO of Sustainable Energy for All and SRSG), among others.

Student Energy's panel 'Leading our Low Carbon Future: Intergenerational Collaboration as Solutions' moderated by Meredith Adler, featured youth delegates Federico Barbieri (Italy), Sukanya Prabhudesai (India), Larissa Crawford (Canada), and David Hochschild (Chair of California Energy Commission).

Geraldine Satre Buisson (Youth delegate and SES 2019 Co-Chair), speaks on 'Innovate4Cities' panel on the evolving needs of cities and climate action, moderated by former Vancouver Mayor Gregor Robertson, with Bertrand Piccard from Solar Impulse.



WHAT WE LEARNED AT CEM/MI

Intergenerational collaboration: Recognizing that CEM/MI's member countries are operating in diverse political and economic contexts, delegates sought to find common ground across geography and across generations.

Systems thinking: CEM/MI's youth delegates are keenly aware that transitioning the energy system involves more than switching technologies, and discussed solutions for every part of the energy system, from production to transport to end use. Delegates also raised important issues around gender and racial equity, economic access, and climate justice, and emphasized that clean energy solutions must be equitable.

Raised ambition: Echoing their peers around the world, the young leaders delegation conveyed the need to implement solutions that match the scale and urgency of the climate crisis, and urged their energy leaders to take bolder action.



Above: CEM-MI youth delegates work on a Clean Energy Policy Hackathon, featuring real challenges presented by organizations working on energy.

UN CLIMATE SUMMIT AND NEW YORK CLIMATE WEEK

In September, Student Energy participated in the UN Climate Summit as a delivery partner of the Secretary-General's Youth and Public Mobilization and Energy Transition Action Tracks.

As a delivery partner on the Energy Transition track, Student Energy worked with our lead team at the UN Secretary-General's office to bring an intergenerational lens to the program design. Bringing together a diverse set of partners, Student Energy worked collaboratively with the UN Climate Action Summit Team, the Environmental Defense Fund, Mission 2020, Microsoft, the Mohammed IV Foundation for the Environment, Mission Innovation and more to deliver a full-day of programming. The day began with a "Solutions Showcase" designed to inspire the audience by highlighting important innovations in the energy and emissions space, followed by a two-part event entitled 'Next generation technology and the youth climate movement'. This included a dynamic, intergenerational panel discussion and a clean energy hackathon that sparked real-world energy solutions centred on finance, technology, policy and social systems change.

Director of Partnerships Helen Watts spoke at the Energy Action Forum to announce Student Energy's upcoming work on the first Global Youth Energy Outlook. At the Forum, Helen and Shakti Ramkumar, our Communications Lead, advocated for meaningful youth engagement as a means to raise ambition and enable solutions for an inclusive and rapid energy transition.

Student Energy brought a youth delegation to the Sustainable Energy for All Seven for 7 event,

which recognized seven grassroots initiatives that demonstrated leadership in achieving Sustainable Development Goal 7. Our big takeaway from the event was the huge potential of the energy transition as a way to achieve the larger 2030 Agenda and multiple co-benefits like improved health, community resilience, and gender equity.

To ensure that our network was engaged in this partnership, we nominated two youth from our network — Axell Sutton (Mexico) and Joyce Mendez (Paraguay) — to participate in the UN Youth Advisory Committee.

This Committee was tasked with selecting youth delegates from over 7,000 applications and with designing the program for the first UN Youth Climate Summit that preceded the UN Climate Summit. Axell, Joyce and the rest of the thirty-youth Committee came out of the process with a close-knit youth network, valuable experience collaborating and working with UN entities, and a set of constructive feedback and recommendations on how the Youth Summit process and delivery could be improved.

Some of these important recommendations included:

- Tangibly valuing youth input and time.
- Having concrete outcomes and follow-through from events to ensure youth participants don't feel tokenized.
- Further integration of the Youth Summit program with the larger "adult-led" UN Climate Summit so that the value of youth contributions and intergenerational collaboration is felt beyond the youth community and internalized by the UN membership.

OGCI CEO STAKEHOLDER DIALOGUE

We brought a group of young leaders from around the world to the annual Oil and Gas Climate Initiative CEO and Stakeholder Dialogue, where they asked tough questions, and engaged directly with representatives from thirteen of the world's largest oil and gas companies. Delegates attended workstream sessions, whose topics included reducing methane emissions, natural climate solutions and CCUS. They also participated in a Youth Lunch roundtable, attended by executives and CEOs from OGCI and its member companies.

Prior to the event, Student Energy led a 3-hour **Preparatory Session** for all delegates, which included workshops on how to tell their story, how to assert their lived experience and diverse forms of knowledge, how to tough questions, and how to support each other through networking and public speaking opportunities.

In the post-event survey, participants indicated the workshops as a valuable part of the experience for making the most of their experience the following day. Distilled from delegate interviews and post-event survey responses, these are the recommendations Student Energy made to OGCI to take concrete steps to engaging meaningfully with young people:

- Create a youth task force
- Integrate young people's voices throughout the entire Stakeholder Dialogue
- Include more diverse global Indigenous perspectives by mobilizing resources to hire Indigenous staff, including young people, to facilitate relationships with Indigenous communities
- Ensure that actions taken to combat climate change are also just and equitable
- Publish a youth position statement or strategy on how the organization (and its member companies) are taking young people's concerns and suggestions into consideration
- Reach youth through multiple platforms, to hear from young people who don't have the privilege of participating in the Stakeholder Dialogue.



UNFCCC COP25

From December 2-14, the United Nations Framework Convention on Climate Change COP25 was held in Madrid, Spain. Student Energy attended this year's conference with a goal of advocating for the role of young people in the global energy transition, and developing our global partnership network to support the Global Youth Energy Outlook, particularly with partners working in research, data science, and policy.

Members of Student Energy's small delegation at COP25 also spoke at several events, including the Intergenerational Inquiry (Executive Director Meredith Adler), and three other side events.



Above: Student Energy's delegation at COP25.

Clockwise:

1. Meredith Adler speaks at the Intergenerational Inquiry
2. Shakti Ramkumar speaks on 'Ambition through National Action: Successes in System Transformation and Sectoral Decarbonization'
3. Maheep Sandhu (Student Energy Carleon University president) makes an intervention at the YOUNGO Youth and NDCs bilateral
4. Student Energy team members meet Damilola Ogunbiyi, incoming CEO of Sustainable Energy for All
5. Helen Watts launches the Global Youth Energy Outlook at 'Unfolding the tools that will accelerate the energy transition' at the Nordic Pavilion

LOOKING AHEAD: NEW PROGRAMS IN 2020

LAUNCHING THE GLOBAL YOUTH ENERGY OUTLOOK AT COP 26

In February 2020 Student Energy will begin the research phase of the first Global Youth Energy Outlook. Working with ten regional youth coordinators around the world, Student Energy will gather the perceptions of young people on the world's next ten years of the energy transition. Central to this research will be youth-defined priorities for action in policy, investment, technology and social systems change, highlighting young people's inherent ability to think critically and holistically about energy challenges. The research will highlight how young people are already working to contribute to critical transformation areas of the energy transition, including heavy industry, heating and cooling, batteries, and energy efficiency.

The objectives of the Outlook are to close the data gap that exists on youth engagement on energy, increase the accountability of decision-makers to work meaningfully with young people on decarbonization, and deepen youth engagement on energy by engaging them in the research process. The Outlook is supported by government partners and organizations who are recognized for their leadership in energy.

LEADERS FELLOWSHIP 2020

To meet the world's emissions reduction targets, address the climate crisis, and implement low carbon technologies, we need to build a capable and diverse workforce motivated to accelerate the energy transition. Student Energy's Leaders Fellowship will help participants build up skills, connect to a global community of changemakers, and help prepare to enter the workforce ready to tackle our world's biggest challenges to accelerating climate action.

From the initial Expression of Interest, Student Energy received 464 applications from 73 countries, demonstrating the real need and appetite from youth to participate in this program. The 60 selected teams will collaborate on their projects from January to October 2020.

CHAPTERS EXPANSION

In 2020, Student Energy will be focusing on expanding the Chapters program in several targeted global regions, including sub-Saharan Africa, Europe, and Pacific Small Island Developing States, and across Canada. We aim to have an active Chapter in every province and territory in Canada by the end of 2021. To meet this goal, our Global Community Manager, Olivia Reshetylo, will be travelling across Canada to meet with prospective Chapter founders, build connections between Canadian Chapters, and providing mentorship and coaching for new Chapter leaders.

We are aiming to expand the Chapters program by identifying key gaps and responding to local youth needs. The Global Youth Energy Outlook's research and data gathering phase will help us identify priority regions where young people are most interested in starting a Student Energy Chapter and could benefit from the tools and resources we provide.

STUDENT ENERGY TEAM

BOARD MEMBERS

Student Energy's Board of Directors ensure proper governance, financial management, and accountability for the organization. In addition to having a close understand of Student Energy's youth network and young people's current roles in the energy sector, our board members bring a diverse set of relevant skills and expertise that guide the strategic direction of Student Energy's work. Board members' professional experience includes work in international sustainable development, energy entrepreneurship, finance and accounting, and organizational leadership.

Kali Taylor

Board Chair, Student Energy Co-Founder

Janice Tran

Vice Chair, Student Energy Co-Founder

Sean Collins

Director, Student Energy Co-Founder

Timothy Hensman

Treasurer

Dan Fipke

Director

Rosie Pidcock

Secretary

Julia-Maria Becker

Director

Mihir Desu

Director

Rhea Hamilton

Director

STUDENT ENERGY GLOBAL

Meredith Adler

Executive Director

meredith@studentenergy.org

Helen Watts

Director of Innovation and Partnerships

helen@studentenergy.org

Olivia Reshetylo

Global Community Manager

olivia@studentenergy.org

Angela Paley

Project Manager

angela@studentenergy.org

Shakti Ramkumar

Communications Coordinator

shakti@studentenergy.org

Amanda Chouinard

Greenpreneurs Coordinator

Greta Jang

Communications Assistant

greta@studentenergy.org

Fiona Wu

Administrative Assistant

Eduardo Lopez

Project Coordinator

CONTACT US

Email: info@studentenergy.org

Website: www.studentenergy.org

Twitter: [@studentenergy](https://twitter.com/studentenergy)

Instagram: [@studentenergy](https://www.instagram.com/studentenergy)

Facebook: www.facebook.com/studentenergy

STUDENT ENERGY TEAM

SEVENGEN 2019 COMMITTEE

Cory Beaver - Co-Chair

Disa Crow Chief - Co-Chair

Braden Etzerza - Delegate Relations

Lindsey Redcrow - Delegate Relations

Devon Blind - Delegate Relations

Nathan Kaye - Program

Nikita Kahpeaysewat - Logistics

Hunter Adams - Marketing

Olivia Reshetylo - Marketing

Michael Batas - Social Media

STUDENT ENERGY SUMMIT 2019 COMMITTEE

Geraldine Satre-Buisson - Co-Chair

Jochen Cremer - Co-Chair

Luciana Miu - Vice-Chair Sponsorship

Sohail Mian - Vice-Chair Event Management

Mari Aanesen - Vice-Chair Delegate Relations

Kitty Stacpoole - Vice-Chair Programme

Nicholas Ogilvie - Vice-Chair Programme

Hannah Cardiff - Vice-Chair Programme

Pietro Mezzano - Vice-Chair Marketing

Shane McDonagh - Vice-Chair Impact & Legacy

Michael Ehrenstein - Finance Director

Valérie Pâquet - Delegate Relations Director

Paula Schmid-Schmidsfelden - Delegate Relations

Rob Godfrey - Delegate Relations Director

Farin Lari - Logistics Manager, Hospitality Director

Komal Mehta - Logistics Manager, Hospitality Director

Kelvin Chi Cheng - Logistics Manager, Hospitality

Shil Ghosh - Sponsorship Research Director

Caoimhe Culhane - Sponsorship Documentation Director

Liam Conway - Sponsorship Team

Cécile Farber - Sustainability Director

Lukas Malms - Sustainability and Impact Manager

Miguel Lema Botelho - Impact & Legacy Coordinator

Muhammad Waabis - Event Producer

Bethany Reyniers - Event Producer

Estefania Villavicencio - Media Director

Sara Moubarak - Media Director

Fernanda Sapina - Social Media Manager

Frances Hagen - Programme Lead, Panels

Shaun Hunt - Programme Lead, Workshops

Tarek Cheaib - App Director

SES 2019 ADVISORY BOARD

Charles Mallo - Director Enterprise, Imperial College London, Chair of Advisory Board

Katie Sullivan - Managing Director, International Emissions Trading Association

Dirk Forrister - President and CEO, International Emissions Trading Association

Martin Siegert - Director of the Grantham Institute, Imperial College London

Tim Green - Director of the Energy Futures Lab, Imperial College London

Jon Gluyas - Director of the Durham Energy Institute, Durham University

Nicholas Parker - Chairman, Parker Venture Management Inc.

Dame Fiona Woolf - Lawyer at CMS Cameron McKenna, former Lord Mayor of London

SPEAKING ENGAGEMENT HIGHLIGHTS 2019

Mar 9: UBC Social Enterprise Conference, “Youth Innovation in Energy: Supporting Youth-Led Social Entrepreneurship” (Helen Watts and Shakti Ramkumar)

June 17-21: Sustainable Energy for All Charrettes, Amsterdam (Helen Watts)

June 29-July 1: UN Climate Action Summit Preparatory Session, Abu Dhabi (Helen Watts)

Sept 17: Pollution Probe ‘Energy Exchange’ Webinar, “Youth and Energy: A Growing Voice” (Meredith Adler)

Sept 17: Energy Disruptors “Re-imagining Our Energy Future: Insights from Emerging Energy Leaders” panel (Olivia Reshetylo, Rhythima Shinde, Santiago Espinosa de los Monteros)

Sept 21: Transformative Solutions: Next Generation Technology and the Youth Movement under the Energy Transition Action Track held at the United Nations Headquarters, with the UN Climate Action Summit Team, with the Environmental Defense Fund, Mission 2020 and Mission Innovation. (Helen Watts)

Sept 22: Energy Action Forum presentation on Global Youth Energy Outlook (Helen Watts)

Sept 25: United Nations General Assembly, Rwanda and SEforAll Forum Preview Event, panelist (Helen Watts)

Sept 23: Environmental Defense Fund Podcast, “Live from Climate Week!” (Shakti Ramkumar)

Sept 24: Sustainable Energy For All’s Seven for 7 event, with a Student Energy youth delegation

Sept 25: United Nations General Assembly, Rwanda and SEforAll Forum Preview Event, panelist (Helen Watts)

Oct 3: 100 Debates in Vancouver-East riding (Meredith Adler, moderator)

Oct 7: Positive Energy Panel: What can we do about polarization of the Canadian Energy Discourse? (Meredith Adler, Larissa Crawford)

Oct 24: Interview by GGGI on importance of youth-led sustainable development solutions (Helen Watts and Ana Gonzalez Guerrero)

Oct 25: CBC Radio, BC Today interview on young people, climate strike and energy in Canada (Shakti Ramkumar)

Oct 29: SPARK Carbon Positive, presentation ‘Framing a Carbon Positive Discussion’ (Shakti Ramkumar)

Nov 7: BC Municipal Climate Leadership Council, Climate Leaders Institute, ‘Meet this Generation of Climate Leaders’ panelist (Olivia Reshetylo)

Dec 5: Intergenerational Inquiry at COP 25 (Meredith Adler)

Dec 7: COP 25 Nordic Pavilion Event, ‘Unfolding the tools that will accelerate the energy transition’ speaker (Helen Watts)

Dec 11: COP 25 WWF Panda Hub Event, ‘Ambition through National Action: Successes in System Transformation and Sectoral Decarbonization’ speaker (Shakti Ramkumar)

CONFERENCES & EVENTS ATTENDED

Women Deliver 2019 (Helen Watts)

Clean Energy BC Generate Conference (Eduardo Lopez)

SPARK Carbon Positive (Shakti Ramkumar)

CHARGE Energy Branding Conference and Awards (Angela Paley)

Ashden Awards (Helen Watts)

Stories that Make a Difference: Climate Narratives for a New World (Shakti Ramkumar)

KIREC Renewable Energy Conference (Helen Watts)

GGGW: Global Green Growth Week (Helen Watts)

Global Alliance for Banking on Values (Eduardo Lopez)

Suncor Youth Gathering (Meredith Adler)

Energy Disruptors (Olivia Reshetylo)

BOARDS AND COMMITTEES

CEA Public Advisory Panel (Meredith Adler)

CleanBC Advisory Board (Olivia Reshetylo)

Clean Energy BC Generate Conference Steering Committee (Eduardo Lopez)

Clean Resource Innovation Network Steering Committee (Meredith Adler, Helen Watts)

Energy Futures Lab Fellow (Olivia Reshetylo)

Energy Futures Lab Advisory Board (Olivia Reshetylo)

Energy Disruptors Advisory Board (Olivia Reshetylo)

IRENA 2020 Youth Forum Organizing Committee (Helen Watts)

King's Centre for Visualization in Science - Design our Climate simulation Advisors (Shakti Ramkumar)

Positive Energy Advisory Council (Meredith Adler)

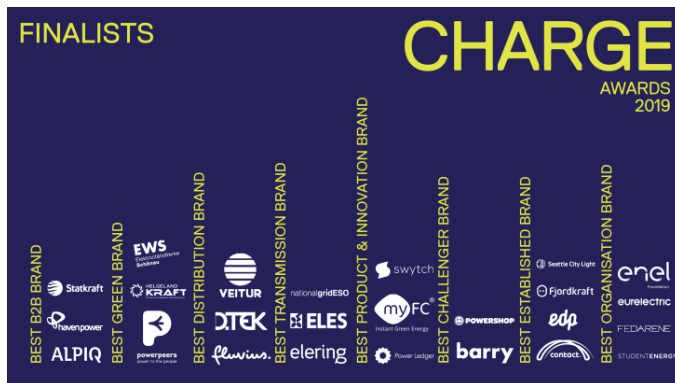
Smart Prosperity Leader (Meredith Adler)

UN Climate Summit Energy Transition Action Track Organizing Committee (Helen Watts)

AWARDS AND MEDIA

TOP 30 UNDER 30

Student Energy's Executive Director Meredith Adler was named one of the Top 30 Under 30 leaders in the province by BCBusiness, which recognizes BC's next generators of young innovators and entrepreneurs.

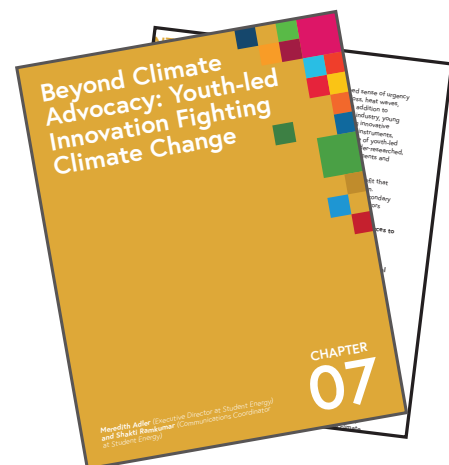


2019 CHARGE AWARDS FINALIST: WORLD'S BEST ENERGY BRANDS

Student Energy was nominated for and selected as a finalist for the 2019 CHARGE Awards in the Best Organization Brand category, alongside Enel Foundation, Eurelectric, and FEDARENE. The CHARGE Awards celebrate the best brand builders and communicators in the energy sector.

SDSN YOUTH SOLUTIONS REPORT 2019

Student Energy was invited to contribute a chapter to this year's SDSN Youth Solutions Report, after previously being highlighted as one of the 50 Youth Solutions. The published chapter, written by Shakti Ramkumar and Meredith Adler, is titled 'Beyond Climate Advocacy: Youth-Led Innovation Fighting Climate Change'. [Read it here!](#)



U.LAB-S FEATURED TEAM

In 2019, Student Energy staff participated in a systems design lab run by MIT's Presencing Institute, with 300 teams. At the end of the lab, Student Energy was selected as one of four teams in the Climate and Nature nexus to be featured in an article by Presencing Institute. [Check it out here.](#)

MEDIA HIGHLIGHTS

CBC News BC: [“Clean energy advocates gather in Vancouver for global forum”](#)

Featuring Director of Partnerships Helen Watts and Felix Schimek, CEM/MI Youth Delegate from Germany

For the first time, youth from 30 countries will be included in the event

CBC News · Posted: May 26, 2019 5:54 PM PT | Last Updated: May 26, 2019



MEDIA HIGHLIGHTS

'Young scientists share protesters' sense of urgency on climate'

29 May 2019



Horizon EU Research & Innovation Magazine: ['Young scientists share protesters' sense of urgency on climate'](#)

Featuring SES 2019 Vice-Chair Luciana Miu

Careers in renewable energy focus of 1st Indigenous youth summit



'We want to ... bring back those ideas and inspire youth to think about, maybe a career in sustainability'

CBC News - Posted: Jan 24, 2019 12:05 PM MT | Last Updated: January 25, 2019



Organizer Disa Crow Chief hopes youth attending the SevenGen will be inspired to seek a career in sustainable energy industry. (Left photo: SevenGen, right photo: Resco Energy)



SevenGen organizer Cory Beaver says one of the goals of this week's event is to empower Indigenous youth to seek careers in renewable energy fields. (Audrey Neveu/CBC)

CBC News Canada: ['Careers in renewable energy focus of 1st Indigenous youth summit'](#)

Featuring SevenGen 2019 Co-Chairs Cory Beaver and Disa Crow Chief

Canadian youth hungry for action at first UN Youth Climate Summit

By Fatima Syed in News, Energy, Politics | September 23rd 2019



(left to right) Braden Etzerza, Emma Lim and Shakti Ramkumar seen outside the UN headquarters in New York at the first-ever Youth Climate Summit on Sept. 22, 2019. Photo by Fatima Syed

National Observer: ['Canadian youth hungry of action at first UN Youth Climate Summit'](#)

Featuring Shakti Ramkumar (Student Energy Communications Lead) and Braden Etzerza (SevenGen 2019 Organizing Committee)



At #GGGW2019, our #Greenpreneurs - @FashionsKimuli, #Isdabest from @DLSUManila, @rento_wa - received their awards for winning the #Greenpreneurs2019 competition! #Congratulate best of luck on continuing to develop your #greenbusinesses! #YouthInnovation



Youth leaders are prioritizing pathways to transition the energy system to a low-carbon future at #LeadChange18 as part of the @studentenergy #G7charlevoix planning exercise. ow.ly/jZEW30iVAMO



PARTNERS 2019

Student Energy's work is supported by a growing number of Canadian and global partners, and we formed several exciting new partnerships in 2019. We have also continued to grow our work with long-term partners like Suncor Foundation and North Growth Foundation, who have supported Student Energy since we began. Student Energy advocates for organizations of all types to meaningfully engage young people in their work, as young people are crucial stakeholders and collaborators to accelerating the energy transition. We strive to demonstrate what these meaningful partnerships can look like across our work, and we are grateful to all of our partners for supporting Student Energy's work and community.

FUNDING PARTNERS



SUNCOR
ENERGY
FOUNDATION

NORTH GROWTH
FOUNDATION



Environment and
Climate Change Canada

Environnement et
Changement climatique Canada



Natural Resources
Canada

Ressources naturelles
Canada



COLLABORATION PARTNERS



STUDENT ENERGY SUMMIT 2019 PARTNERS

Partnerships for SES2019, both funding and collaborative, were led by the student organizing committee. The Sponsorship team approached partners throughout the two year planning period, with support and coaching from the Student Energy team on proposal-writing, sponsor fulfillment and stewardship.

TIER ONE



FOUNDING



ASSOCIATE



SUPPORTING PARTNERS



OPPORTUNITIES PARTNERS



MEDIA PARTNERS



SEVENGEN 2019 PARTNERS

FOUNDING PARTNER



HEADLINE PARTNERS



SUPPORTING PARTNERS



BURSARY SUPPORTERS



GREEN POWER PARTNER



FINANCIALS

STATEMENT OF OPERATIONS

For the year ended December 31, 2019

	2019	2018
REVENUE		
Grants	\$ 661,949	246,909
Corporate sponsorships	559,849	285,073
Program income	57,526	-
Other income	12,967	3,967
Philanthropy	4,566	927
TOTAL REVENUE	1,296,857	536,876
EXPENSES		
Salaries and wages	\$ 363,473	243,187
Program expenses	257,518	-
Travel	243,805	42,255
Contractors and consultants	107,513	65,676
Office and administrative	37,594	12,764
Rental	36,997	20,605
Amortization	24,541	30,814
Facilities and equipment	22,197	11,710
Professional fees	30,610	12,445
Marketing	17,837	46,176
Insurance	12,789	8,899
Other expense	7,311	-
Interest and bank charges	1,545	962
Awards	1,535	-
Website	816	3,168
TOTAL EXPENSES	\$ 1,166,081	501,661
EXCESS OF REVENUE OVER EXPENSES	\$ 130,776	(35,215)

FINANCIALS

Pre-Audit Preliminary Draft. February 12, 2020.

STATEMENT OF FINANCIAL POSITION

For the year ended December 31, 2019

	2019	2018
ASSETS		
Current		
Cash	\$ 178,039	\$ 135,201
Accounts and notes receivable (Note 3)	14,490	517
Goods and Services Tax receivable	13,745	4,772
Prepaid expenses	2,150	29,534
	208,424	170,024
Property and equipment (Note 4)	\$ 12,269	\$ 21,474
	220,693	191,498
LIABILITIES AND NET ASSETS		
Current liabilities		
Accounts payable and accrued liabilities	\$ 23,578	\$ 28,044
Deferred contributions (Note 5)	16,933	114,048
	40,511	142,092
Net assets		
Unrestricted	170,686	40,157
Invested in property	9,487	9,240
Share capital	9	9
	180,182	49,406
	\$ 220,693	\$ 191,498

*Full audit report is available at <https://www.studentenergy.org/annual-report-and-financials> with the financial statements.

This segment has been included in the annual report to disclose a qualification in the audit report dated

Basis for qualified opinion - Student Energy derives a portion of its revenues from donations, the completeness of which is not susceptible to audit verification. Consequently, we were unable to obtain sufficient appropriate audit evidence to support the completeness of donation revenue, and we were unable to determine whether any adjustments were necessary.

Qualified opinion - In our opinion, except for the effects of the matter described in the Basis for qualified opinion paragraph, the financial statements present fairly, in all material respects, the financial position of Student Energy. as at December 31, 2018 and its financial performance and its cash owes for the year then ended in accordance with Canadian generally accepted accounting principles for not-for-profit organizations.