



2017



ANNUAL REPORT



STUDENTENERGY

LETTER FROM OUR BOARD CHAIR

2017: LEARNING FROM OUR PROGRAMS

2018: RECHARGING THE CANADIAN YOUTH VOICE

AWARDS AND RECOGNITION

2017 : CREATING CHANGE AGENTS

- **FEATURE:** INTERNATIONAL STUDENT ENERGY SUMMIT
- CHAPTERS
- ENERGY LITERACY PLATFORM

2017: MAKING SPACE FOR YOUTH

- WORLD GOVERNMENT SUMMIT
- GENERATION ENERGY
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LOOKING AHEAD

- CANADA-WIDE CHAPTERS EXPANSION
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MEET THE TEAM FINANCIALS

DEAR STUDENT ENERGY COMMUNITY AND STAKEHOLDERS,



On behalf of the entire Board of Directors, I would like to thank you for another year of dedicated and enthusiastic support for Student Energy and our mission of creating the next generation of energy leaders who are active in transitioning the world to a sustainable future.

2017 was another exciting year for Student Energy. We reached an important milestone when we ran our fifth iteration of the International Student Energy Summit (SES) in Merida, Mexico with the theme “Releasing Potential.” The event brought together over 600 students from 85 countries as well as 50+ speakers and 25 supporting partners. Our student volunteer planning team from UNAM – the National Autonomous University of Mexico – added two new elements to the program that brought new depth to the event. One was a “workshop day” where students were given the opportunity to learn tactical, practical skills ranging from building wind turbines to understanding how to incorporate innovation into their own areas of work. The second new element was a “local impact” program where the team worked specifically with the local and state government to give back to the community. This included running a public lecture series that the general public could attend, donating solar panels to government buildings, and a large tree-planting exercise. We were thrilled by the ingenuity our team in Mexico brought to the event and we hope to take many of these elements forward in our future iterations.

Our Energy Literacy Platform also hit a big milestone when it reached 1 million visits (in one year) for the first time. Even better is that our visitors are gender balanced and represent almost a perfect 50-50 split between men and women. 2018 is on track to hit 2 million so please do continue to share it with your friends and colleagues who are looking to learn more about energy.

The Chapters program moved from a pilot into a full implementation phase with the launch of our Chapters portal that supports volunteers in building strong clubs on their individual campuses. There were a variety of activities taken on by our eight current chapters including the second Alberta Student Energy Summit, which was a collaboration among our Alberta-based chapters, and a public Innovation Jam in Ottawa by our Carleton chapter. We currently have requests from a hundred campuses in twenty-nine countries for new Chapters and are onboarding them at a rate that allows for sustainable growth of the program.

Beyond our focused programs, our Executive Director - Meredith Adler - and her team continued to be influential youth voices in the energy space in Canada and abroad. Meredith was awarded the Clean 50, she was selected to participate in the Joint Public Advisory Committee of the Commission on Environmental Cooperation, and she continued her role as the Youth representative on Smart Prosperity, all of which recognized the importance of her contributions to driving a clean future. Student Energy partnered with NRCAN on its Generation Energy program in an effort to ensure the youth voice was heard in policy development. The organization was one of fifty initiatives featured in the Sustainable Development Solutions Network (SDSN) Youth Solutions Report. And finally, the team participated at important events all over the world including the World Government Summit, the Solar World Congress, and COP23 ensuring the voice of youth was present and strong.

2018 is already shaping up to be a busy year. We will be announcing the location of our 2019 SES event this summer, adding new dimensions to our energy literacy platform, and rapidly expanding our Chapters program across Canada and abroad. In addition, our team is growing, taking on Olivia as Communications Lead and Helen as Partnerships Manager in 2017, and welcoming Ryan as our Community Manager and Shakti as administrative support in 2018.

Thank you again for your support and belief in the work we do. This community – our staff, volunteers, members, and partners - continues to wow me with passion and commitment to a common vision. My optimism in our ability to create a sustainable future is continually renewed thanks to you.

Fuel the future,

KALI TAYLOR
CO-FOUNDER
BOARD CHAIR



2017: LEARNING FROM OUR PROGRAMS

2017 was a year of great learning for Student Energy as an organization. We saw the Chapter's program through its second year of its' pilot phase and secured a series of founding partners to support its' expansion in 2018. We greatly diversified our Canadian funding sources both in geography and sector, and we held an amazing International Student Energy summit that took our flagship event to new heights. We started exciting work with a developmental evaluation consultant to better understand how our core programs create impact and how we can continue to scale that impact.

Our priority in 2017 was to strengthen the capacity of Student Energy as an organization and our core programs: Chapters, the Energy Systems Map, and International Student Energy Summit. We know that with more focus and strategy we can build upon our 2017 successes and leverage each program to push the organization to new heights.



2018: RECHARGING THE CANADIAN YOUTH VOICE

With the growth of our organization we could not be more excited to launch into a new phase of expansion in 2018. We plan to deepen the work and impact of our core programs: Chapters, Energy Systems Map, and SES. **Chapters** will take on a large-scale expansion plan across Canada and abroad to cultivate a far-reaching network of ambitious young energy enthusiasts. The **Energy Systems Map** faces an exciting expansion of its resources and interactive components, to deepen the user learning experience and holistic engagement with the energy system. And finally, we could not be more enthused to announce the winning host of the sixth iteration of our inaugural event in June of 2018: the **International Student Energy Summit, 2019**.

Two missing pieces we will develop to leverage our programs are an evaluation framework and an advisory board. The goal of evaluation is to better understand the impacts of our programs and work to make those stronger while also learning the best ways to communicate these impacts to external stakeholders. Similarly a Student Energy Advisory Board will provide a critical diversity of perspectives for the future of the organization, and open new doors for us to gain international profile and opportunities.

In 2018 we aim to create the initial plans for, and potentially run small-scale pilots of Student Energy Internships and Ventures. We believe that 2019 may be a good time to build out these programs and, if capacity allows, we would like to lay the foundation for future success starting in 2018.

2017 AWARDS AND RECOGNITION

CLEAN50 AWARD

Student Energy's Executive Director Meredith Adler was awarded the Canada Clean50 Emerging Leader award! Canada's Clean50 annually offers recognition to Canada's leaders in sustainability for their contributions over the prior two years. Honourees are selected from 16 diverse categories that transcend numerous industries, academia, different levels of government, thought leaders and advocates, and are based on accomplishments delivered over the prior two years.



SDSN YOUTH SOLUTIONS REPORT

Student Energy is proud to have been selected as one of the top fifty youth solutions in the world for delivering on the United Nations Sustainable Development Goals! The Youth Solutions Report, a flagship initiative of the Sustainable Development Solutions Network - Youth, features 50 game-changing projects led by young people. The final Report strives to advance youth involvement in the realization of the 2030 Agenda while celebrating the invaluable contribution of young people to sustainable development.



YOUTH
SOLUTIONS
REPORT

CEC JPAC COMMITTEE

Student Energy Executive Director Meredith Adler has been invited to join the Commission on Environmental Cooperation's Joint Public Advisory Committee (JPAC)! The JPAC consists of fifteen citizens (five from each country) and advises the Council on any matter within the scope of the North American Agreement on Environmental Cooperation.



SMART PROSPERITY LEADERS' INITIATIVE

Student Energy Executive Director Meredith Adler has been invited to join the Smart Prosperity Leaders Initiative! The Smart Prosperity Leaders' Initiative was launched by respected Canadian leaders from business, think tanks, labour, Indigenous Peoples, youth, and NGO communities. Our purpose: To harness new thinking to accelerate Canada's transition to a stronger, cleaner economy.



The background is a complex geometric pattern composed of numerous overlapping triangles. The color palette is a gradient of greens and blues, ranging from light, pale green at the top to deep, vibrant blue at the bottom. The triangles vary in size and orientation, creating a dynamic and textured visual effect.

2017 **CREATING CHANGE AGENTS**

2017 CHAPTERS

OUR GLOBAL NETWORK

CURRENT DEMAND: 107 STUDENTS FROM 29 COUNTRIES



2017 was a pivotal year for Student Energy Chapters, as we left the pilot phase and began preparing for expansion. We welcomed a new round of Chapters in Ontario, Mexico and Australia to the network, including our original Chapters in Alberta, United Kingdom and Nigeria.

Up next, we'll be welcoming our new Community Manager Ryan to spearhead our expansion phase and meet the phenomenal demand for Chapters from all around the world: **107 students from 29 countries have already requested support in starting a Chapter!**

In the pipeline we are looking forward to welcoming new Chapters in British Columbia, Manitoba, Nova Scotia, Palestine, Algeria, Colombia, Indonesia, and India.

2017 ALBERTA STUDENT ENERGY SUMMIT

March 4th and 5th marked the second and now annual Alberta Student Energy Summit. Students from all around the province and beyond came together in Calgary to debate and discuss the energy future of Alberta. Students from Mount Royal University, the University of Alberta and the University of Calgary along with the Student Energy team helped organise and coordinate this fantastic event.

INNOVATION IN ACTION

Students from Student Energy **Carleton University** in Ontario ran a city-wide **Innovation Jam** in November, inspired by their experience participating in the Innovation Jam at SES 2017. Chapter members partnered with Ottawa's Environment & Climate Protection Committee, Deloitte, the Social Planning Council of Ottawa, and HATCH. Everything came together in just two months – when young people are given support, they take off running.



GLOBAL IMPACT

Our Chapter president Natalia at Student Energy **Universidad de Monterrey** sat on a panel discussing **“The future of renewable energy in Mexico”** with Dr. Oliver Probst, Director of the Research Chair in Wind Energy at Tec de Monterrey, M.A. Fernando Rodríguez Tovar, General Director of the Energy Cluster of Nuevo León and Angel Enrique Castro, Manager of Energy Management for México at ACCIONA!



2017: INTERNATIONAL STUDENT ENERGY SUMMIT

INTERNATIONAL STUDENT ENERGY SUMMIT

SES2017 gathered 600 students from around the world in México.

In June 2017 we were proud to support our fifth inaugural Student Energy Summit. Led by an incredibly driven team of students from UNAM (National Autonomous University of Mexico), the summit was a phenomenal success and testament to our organization's growth and global impact. The 2017 summit had the theme "Releasing Potential" and was designed to engage with the potential of the regions of the world and of young people to transform the future and transition our world to a sustainable energy future.

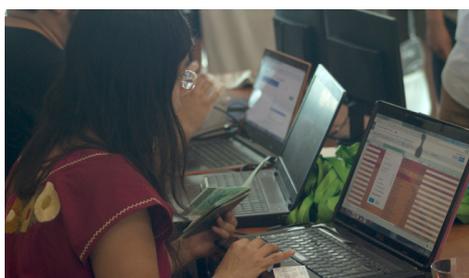


Speakers included Dr. Antonio del Rio Portilla, Director of the Renewable Energy Institute at UNAM, H.R.H Princess Abze Djigma, Ambassador for Renewable Energy and Energy Efficiency of Burkina Faso, Chris Sladen, President of BP Mexico, and Dame Fiona Woolf, Former Lord Mayor of London and Partner at CMS Cameron McKenna LLP.

600 DELEGATES



85+ COUNTRIES



50+ SPEAKERS



8 WORKSHOPS



25+ PARTNERS



COUNTLESS IDEAS



2017: ENERGY SYSTEMS MAP

HOW DID WE DO IN 2017?



**USERS
INCREASED
33%**

> 500,000 MAP USERS

> 1.2 MILLION YOUTUBE VIEWS

OUR DIGITAL REACH

2017 was a great year for Student Energy's digital engagement. In June, we hit a huge milestone with +1 million views of our Energy 101 YouTube series in one year alone.

Our user base continues to skyrocket, with an average 10% increase in users each month. We were also proud to identify a near perfect gender-balance of users on our energy systems map and YouTube videos - showing us that Student Energy has the enormous opportunity to spearhead better gender representation in the energy industry.

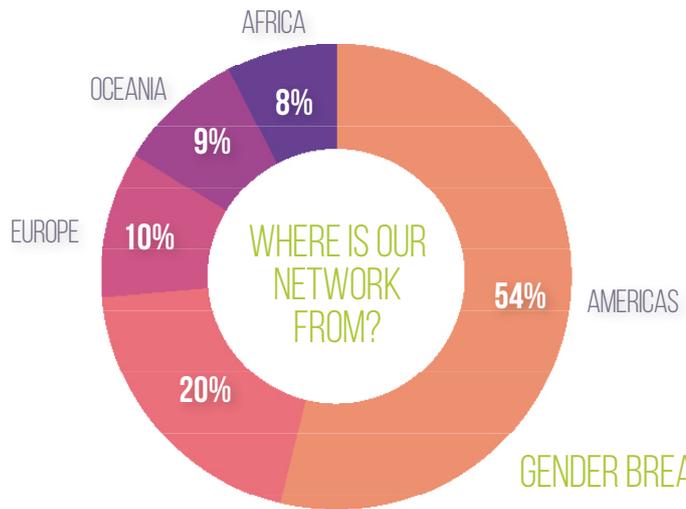
WHAT'S NEXT FOR 2018?

We are already well on track for 2 million engagements with the energy systems map in 2018 alone. Our goals for 2018 will be around increasing our regional and demographic reach of the digital platform.

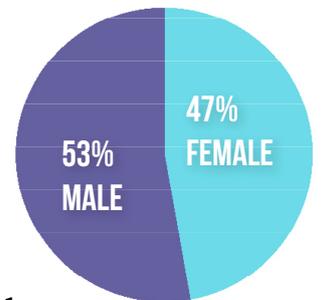
We are also gearing up to work with a digital and education-technology consultant to build out an innovative expansion of the systems map in 2018, which will include deeper interactive learning opportunities and holistic interactions with the energy system.

Interested in the next phase of our systems map expansion?

Contact Helen at helen@studentenergy.org



GENDER BREAKDOWN:



The background is a complex, abstract geometric pattern composed of numerous overlapping triangles. The color palette is a gradient of greens and blues, ranging from light, pale green at the top to deep, vibrant blue at the bottom. The triangles vary in size and orientation, creating a dynamic and textured visual effect.

2017 **MAKING SPACE FOR YOUTH**

2017 MAKING SPACE FOR YOUTH

WORLD GOVERNMENT SUMMIT

In February, Student Energy Executive Director Meredith traveled to Dubai to participate in the World Government Summit. The World Government Summit gathers the world's leading thinkers, experts, policymakers, business and civil society together to mobilize knowledge exchange and harness innovation and technology for global challenges. Meredith spoke about the importance of youth engagement in pursuing climate action, alongside H.E. Dr. Thani bin Ahmed Al Zeyoudi the United Arab Emirates Minister of Climate Change and Patricia Espinosa Executive Secretary of the UN Framework Convention on Climate Change (UNFCCC).



GENERATION ENERGY YOUTH ENERGY VISION PROJECT

In September Student Energy partnered with [CityHive Vancouver](#) and Natural Resources Canada to launch the Youth Energy Vision Project. Thirteen motivated and ambitious Youth Champions from eleven provinces and territories were selected to host a dialogue in their community to gather the ideas and input of youth.



Youth Champions at Natural Resource Canada's Generation Energy Forum

The output from the Youth Energy Vision Project was the 2017 Youth Voices Report. With close to 300 young people from 11 provinces and territories contributing, and over 7,000 Canadians participating online, the 2017 Youth Voices Report is a cohesive declaration of what the next generation of Canadians believe we need to achieve a sustainable energy future.

SWC 2017 SOLAR WORLD CONGRESS



Discussing work skills needed for the energy transition at SWC 2017

In October Student Energy's Manager of Partnerships Helen traveled to Abu Dhabi to deliver Student Energy's Innovation Jam and co-deliver the workshop: "Connecting Young Professionals with the Future of Solar" in partnership with the [International Solar Energy Society](#) and [Global Solar Council](#). The biennial Solar World Congress connects researchers, industry leaders and policymakers working in the energy transition and solar energy arena.

Helen connected with students who participated in the Solar World Congress, and SES 2017 speaker and Student Energy champion Dr. Antonio del Rio Portilla at the Masdar Institute of Science and Technology to discuss how Student Energy can support students at Masdar and Khalifa University and create impact in the region.

2017 MAKING SPACE FOR YOUTH

COP23 UNITED NATIONS CONFERENCE ON CLIMATE CHANGE

In November we headed over to UNFCCC's COP23. It was a jam-packed two weeks that zeroed in on nationally determined contributions (NDCs), financing for loss and damage, private sector commitments to carbon reduction, and reaching consensus on the Agreement's implementation guidelines, known as the "Paris rulebook".



Student Energy had positive conversations with Minister McKenna, Canada's Minister for Environment and Climate Change

Student Energy attends COP to advocate for the voice of solutions-oriented young people and the contribution they want to make to climate action and the future of energy. This year we partnered with [SDSN Youth](#) to host "Supporting youth-led innovation to confront climate change: Opportunities for action". This panel highlighted the work of ten young innovators and brought mentors from the private sector and international organizations to share their perspectives on the need for youth innovation.

We also had excellent one-on-one meetings to support the youth presence at COP and facilitate future collaborations. From the governments, ministers, private sector representatives and civil society leaders we were able to meet with, we have great ideas and fantastic new potential collaborations lined up for 2018.



The Student Energy community at COP23



Student Energy delegation meets climate leader Al Gore at America's "We Are Still In" pavillion

COY13 CONFERENCE ON YOUTH

At the 13th Conference of Youth we partnered up with the [Youth Climate Lab](#) to run a workshop "Action Jam: Innovation for Intergenerational Collaboration". This was a chance for youth from all over the world to brainstorm new ways to make space and leverage intergenerational collaboration.



Student Energy connects with Student Energy Summit 2017 delegates at COY!

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2018 **LOOKING AHEAD**

2018: **LOOKING AHEAD**

CANADA-WIDE CHAPTERS EXPANSION 2018 - 2020

Student Energy's goal is to expand Chapters to every province and territory in Canada within the next three years. We aim to cultivate a pan-Canadian network of ambitious, skilled young Canadians who are motivated to work together as well as with companies, governments, and organizations to make Canada's sustainable energy future a reality.

Currently we have Chapters in Alberta, Ontario, and British Columbia. Our next steps for the program include taking on chapters that have expressed interest in starting in Quebec, Ontario, Saskatchewan and Nova Scotia. We are also working with the Calgary Foundation to develop an evaluation framework and take a deep dive into our programs inclusiveness, accessibility, and Indigenous participation.

Plans for our global expansion of Chapters are well underway and we hope to launch the formal plan and founding partners in 2018.

3RD ANNUAL ALBERTA STUDENT ENERGY SUMMIT

March 2018 will also hold the regional Alberta Student Energy Summit, organized by a team of students from University of Alberta. The Summit aims for students to learn about key challenges in the energy system and connect with likeminded students from across the province. The over-arching goal is a truly unique dialogue for university students who are passionate about the energy and climate challenges and opportunities facing Alberta.

GLOBAL EXPANSION

Our goal is to expand Chapters to every region in the world within the next three years. We know that a concerted network of young people taking action in their communities and connected to a global network will produce tangible, positive change. Youth will be more engaged in solutions to climate and energy challenges; they will be better collaborators with both the generations that came before them as well as on a global scale; and they will be resilient, critical thinkers who can adapt to new circumstances identify opportunities and make change happen quickly.

We currently have demand from over 100 students from thirty countries to start a Chapter. The demand is only growing, and so we are looking to secure key international partners to hire on the staff and ramp up the capacity we need to support these up and coming chapters.

2018: **LOOKING AHEAD**

ENERGY SYSTEMS MAP PHASE II

Today, youth-centered content is the most dynamic material that can easily reach all audiences. Currently, the Energy Literacy Platform offers 30 animated videos on key energy topics, an interactive energy systems map, over 70 individual topic pages, dive deeper resources and links to social media influencers.

We plan to expand the Energy Systems Map to include *influencers on the energy system*. These would include how factors such as energy poverty, energy access in rural and remote locations, policies, and climate change interact with and within the energy system. We plan to source and work with an education technology consultant who can provide us with insight into the most effective digital learning methods to incorporate into this map.

INTERNATIONAL STUDENT ENERGY SUMMIT 2019

After several impressive and ambitious bids from student teams to hold the 2019 Student Energy Summit, a host team has been selected. This will be the sixth International Student Energy Summit and the ten-year anniversary of the Summit. We could not be more excited to share the location and introduce our community and stakeholders to the team taking on

INDIGENOUS STUDENT ENERGY SUMMIT 2019

Our Mount Royal University Chapter in Alberta, led by a group of First Nations students is now taking on the Indigenous Student Energy Summit which will take place January 2019.

The Summit will raise awareness of environmental and climate change challenges in Canada's energy landscape and sustainable energy transition from the perspective of Indigenous students. The Summit will engage youth across Canada in Indigenous-led energy solutions and provide mentorship, academic and career development opportunities for Indigenous and non-Indigenous youth.

Student Energy and the Summit team are currently forming meaningful partnerships with organizations who can support the Summit's success.



MEET THE TEAM

STUDENT ENERGY GLOBAL

Meredith Adler, *Executive Director*
Helen Watts, *Manager of Partnerships*
Ryan Voon, *Community Manager*
Olivia Reshetylo, *Communications Lead*
Shakti Ramkumar, *Administrative Lead*

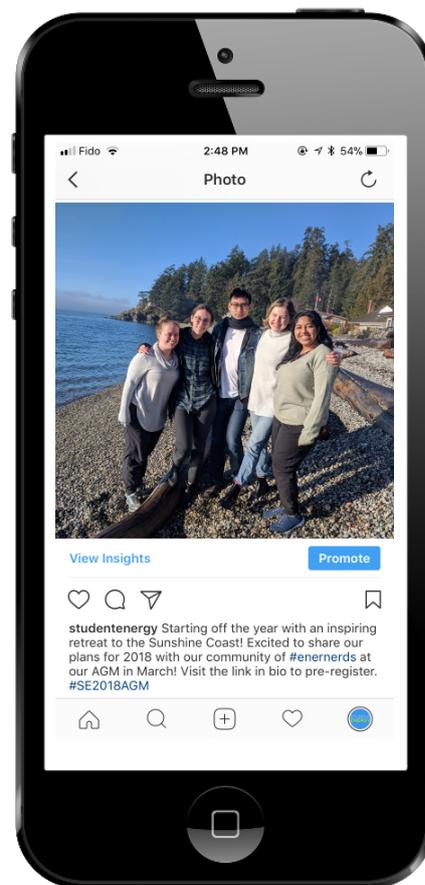
STUDENT ENERGY BOARD OF DIRECTORS

Kali Taylor, *Co-Founder and Board Chair*
Sean Collins, *Co-Founder and Vice-Chair*
Janice Tran, *Co-Founder and Board Member*
Rhea Hamilton, *Board Member*
Timothy Hensman, *Board Treasurer*
Julia-Maria Becker, *Board Member*
Rosie Pidcock, *Board Member*
Mihir Desu, *Board Member*

STUDENT ENERGY SUMMIT 2017 TEAM

Santiago Espinosa de los Monteros Harispuru, *Chair*
Ariel Goldin Marcovich, *Marketing Vice-Chair*
Iván Bolaños Romero, *Partnerships Vice-Chair*
Daniela Gavaldón Eichelmann, *Program Vice-Chair*
Alexia Dosal Audirac, *Local Impact Director*
Andrea Ortega Segundo, *Finance Director*
Nicolas Lagorreta de la Macorra, *Fundraising Director*
Luis Ángeles Álvarez, *Delegate Relations Director*
Gabriel Filtzer Gorbach, *Logistics Director*
Natalia Pelayo, *Media Director*
Felipe Migoya, *Speaker Relations*
Gabriela Monroy, *International Relations Manager*
Manuel Vaca, *Public Relations Manager*
Martha Pérez Reséndiz, *Social Media Manager*
Ximena Andion, *Lead Social Media Manager*

Axell Cooper Sutton Antonio, *Regional Team Associate*
Alejandra Villegas Vieyra, *Marketing Associate*
Taku Yamada Kubo, *Marketing Associate*
Sebastián Villalvazo Sulzer, *Finance Associate*
Andrea Zafra Ortega, *Local Impact Associate*
Yazú Itzel Romero Morales, *Logistics Associate*
María Villamil Castilla, *Logistics Associate*
José Andrés Villanueva Lopez, *Logistics Associate*
Pedro Rojas Campuzano, *Logistics Associate*
Santiago Martínez, *Technology and Innovation*
Susana Balcázar, *Technology and Innovation*
Fernanda Arellano, *Markets and Regulations*
Astrid Morales Rivera, *Markets and Regulations*
Cesia De Paz, *Markets and Regulations*
Estefania Villavicencio, *Global Energy Dynamics*
Inés Hernández, *Global Energy Dynamics*
Natalia Pelayo, *Global Energy Dynamics*



FINANCIALS

STATEMENT OF OPERATIONS

For the year ended December 31, 2017

	2017	2016
REVENUE		
Corporate sponsorships	\$ 208 892	141 074
Grants	75 898	79 511
Licenses and program fees	4 149	6 512
Other income	8 241	22 682
Philanthropy	519	619
TOTAL REVENUE	297 699	250 398
EXPENDITURES		
Salaries and wages	\$ 138 634	132 412
Marketing	61 012	18 917
Contractors and consultants	43 472	32 923
Amortization	30 814	30 814
Meetings	24 330	2 137
Travel	27 041	13 816
Office and administrative	11 823	7 067
Professional fees	7 843	1 217
Insurance	3 576	11 177
Facilities and equipment	2 325	1 125
Website	873	626
	333	3 591
TOTAL EXPENSES	352 076	255 822
EXCESS OF REVENUE OVER EXPENDITURES	\$ (54 377)	(5 424)

FINANCIALS

STATEMENT OF FINANCIAL POSITION

As at December 31, 2017

	2017	2016
ASSETS		
Current		
Cash	\$ 4 829	\$ 71 277
Accounts receivable	4 543	317
Goods and services tax receivable	1 119	6 201
Prepaid expenses	2 276	-
	<u>12 767</u>	<u>77 795</u>
Property (Note 3)	52 289	83 103
	<u>\$ 65 056</u>	<u>\$ 160 898</u>
LIABILITIES AND NET ASSETS		
Current liabilities		
Accounts payable and accrued liabilities	\$ 15 786	\$ 9 545
Deferred contributions (Note 4)	36 709	84 415
	<u>52 495</u>	<u>93 960</u>
Net assets	(11 775)	33 244
Unrestricted	24 330	33 688
Invested in property	6	6
Share capital (Note 5)	<u>12 561</u>	<u>66 938</u>
	<u>\$ 65 056</u>	<u>\$ 160 898</u>

*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, 2017 and its financial performance and its cash flows for the year then ended in accordance with Canadian generally accepted accounting principles for not-for-profit organizations.