

Annual Report 2017

Fiscal year end of June 30, 2017



Note from Brad and Wes

Canada is undergoing an important shift in how it generates electricity. You can't turn on the news without hearing about carbon taxes or climate leadership plans. Most notably, Alberta, traditionally a fossil fuel powerhouse, opened up its first round of competitive bids for wind energy projects, followed by Saskatchewan, which opened a similar process in February 2017. Both provinces have strong strategies to reduce coal and amp up renewable generation by 2030.

Alberta plans to have 30 per cent of the province's electrical supply come from renewable sources and Saskatchewan is aiming for 50 per cent renewable energy capacity in the same time period. This speaks to the changes that are occurring across the country about the response to renewables.

TREC Education also saw an important shift this year, responding to this change and expanding across the country with programs launching in Alberta and Nova Scotia.

This energy transition goes beyond policy and industry – it requires a cultural shift. The conversations around renewable energy must be balanced if Canada is truly to change the way we view and develop our energy. The latest bids have been at par with other forms of energy or lower, and technology is growing to create more sustainable energy from solar and wind power.

Energy literacy is a necessity across Canada, to ensure educated choices, workforce stability, and a stronger future for our country.

TREC Education is excited to grow, and to continue to build on the foundation we have laid over the last 14 years. We will continue to reach new territories and communities, and inspire conversations and new career paths. We are about to witness unprecedented growth in wind and solar energy.

We are committed to continuing to share our passion for renewable energy and conservation; to encouraging innovation to workshop that are fun; and to exchange knowledge with Indigenous communities to build the ability of all Canadians to be stewards of the environment. It is our commitment to continue to bring energy to life, together.

Brad Roach
Chair

Wesley Normington
Executive Director

Our Vision

We envision a healthy, prosperous planet led by informed citizens and powered by renewable energy sources.

Our Mission

TREC Education's mission is to educate, inspire and assist individuals and communities in building a 100% renewable energy future.

Our Role

TREC Education is a leader in renewable energy education in Canada. We achieve a high standard of quality in our programs by using hands-on learning methods, renewable energy technology and exciting activities to teach about energy, electricity and sustainability. We consistently evolve and improve our education programs to ensure we maintain this caliber.

Starting in 2004 with public tours to the wind turbine in Toronto, we have become a national organization with a wide breadth of education offerings. TREC Education is addressing the need for energy literacy across the country through our work with individuals and communities.

13 Years of Experience

Year Highlights

1

2017 was a fantastic year due to our expansion across Canada. We are particularly proud of our Green Collar Careers program launching in two new provinces, Alberta and Nova Scotia.

2

The First Nations Energy Education Exchange project is a networking and knowledge-sharing initiative led in collaboration with the Chiefs of Ontario. Three community workshops were held across Ontario, in addition to webinars and key conversations, to inform the development of a series of resources, called the "First Nations Energy Development Toolkit." The goal is to create resources that help First Nations to move renewable projects forward.

3

2017 was the 10th anniversary of the festival, where we welcomed thousands of participants to experience hands-on activities, focusing on renewable energy, electricity, environmental stewardship, and water protection. We have encouraged future generations to be environmental stewards in their communities and carry forward the passion to protect the planet. Over the past decade the Kids' World of Energy Festival has taught 28,263 kids.

4

In September 2016, we began offering the option of full day Design Challenges for schools. Teachers could choose to complete either the Wind Design Challenge or Solar Design Challenge with their class. Students participate in one of our energy workshops, followed by an afternoon of hands-on building with one of our facilitators to complete their model wind turbines or solar race cars. 1,650 students built their own renewable energy models in 2016-2017.



STEAM

Our educational content has direct links to Science, Technology, Engineering, Arts and Mathematics.



Experiential

Our programs get people hands-on and active every day.



Evaluation

We ask all teachers to evaluate our workshops after participating, and update our workshops annually to stay current.



Tailoring

Our programs can be tailored for all ages, learners and events. We switch up our programs to meet our audiences' needs.



Expertise

Our workshops are based in science and research. We stay up to date on trends in energy and what's coming up for renewables.



Advancement

We help youth and adults to identify their own passions and find ways to increase their skill set in areas related to green careers.

In 2016-2017 we engaged 11,602 participants

295 workshops were delivered across Canada

7,641 Students participated in a TREC Education workshop

1,602 Students attended our 10th Kids' World of Energy Festival

1,994 People learned about renewable energy from us at community events

1,650 students built renewable energy models in our design challenges



Meet Forrest

Forest Wolfe, a 21 year old, from Kettle and Stony Point First Nation was a participant in our Renewable Energy Careers Connections program in 2014. He's now a college student studying to become a Renewable Energy Technician.

"The program increased my awareness and showed what I can do to help prevent climate change. Like pursuing a job in the renewable energy sector," said Forrest.

Forrest is a great example of the longer term impact our programs have on youth. We believe education is the first and most important step in creating our future energy leaders.

"We need to take action, because we're going to be the generation to deal with these problems."

Geographic Expansion



Calgary, Alberta. We hired our first Western-based Facilitator, who delivered seven Green Collar Careers workshops in 2017.



Kettle and Stony Point First Nation, Ontario. We delivered an after-school program for six weeks to students aged 6-12.



Ottawa, Ontario. Our growth in the Nation's capital continued, where 1,331 students learned about energy in French and English.

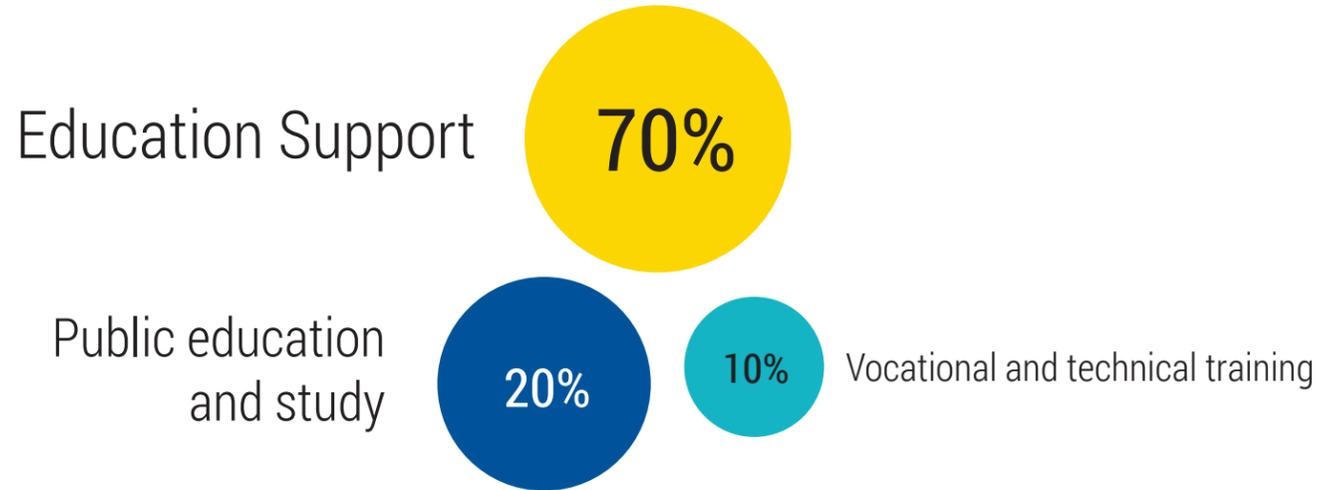


Halifax, Nova Scotia. Green Collar Careers workshops were delivered to 120 participants by our partner, Ecology Action Centre.

Financial Results

July 1, 2016 to June 30, 2017

Breakdown of Programs



Audited Financials Fiscal Year 2017

2017 Revenues: \$508,843

Tax Received Cash Gifts:	11%
Revenue from Government:	23%
Other:	67%

2017 Expenditures: \$462,692

Programs:	66%
Fundraising:	15%
Management and Admin:	19%

Assets 2017 Year End: \$263,995

Cash:	79%
Receivables:	40%
Other:	1%
Investments:	0%

Liabilities 2017 Year End: \$118,923

Deferred revenue:	55%
Short term payables:	45%
Other:	0%

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For more information or to make a donation, please contact:

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(TREC Education) TREC Charitable Foundation is a registered charitable organization.
Registered Charity Number: 8370 35468 RR0001

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This is the annual report for fiscal year of July 1, 2016 to June 30, 2017