

## REGIONAL YOUTH SUMMIT

# C3: Calgary Climate Change

**November 19 & 20, 2019 | Calgary**

The ACES Summits are an annual province-wide experiential learning event for junior high and high school students to examine how local energy efficiency and conservation actions connect to the larger climate conversation and discuss their role in the future of energy. This year marks the fourth annual C3 event, and it was wildly successful!

**A3**

Lethbridge

**C3**

Calgary

**E3**

Edmonton

**S3**

Fort McMurray



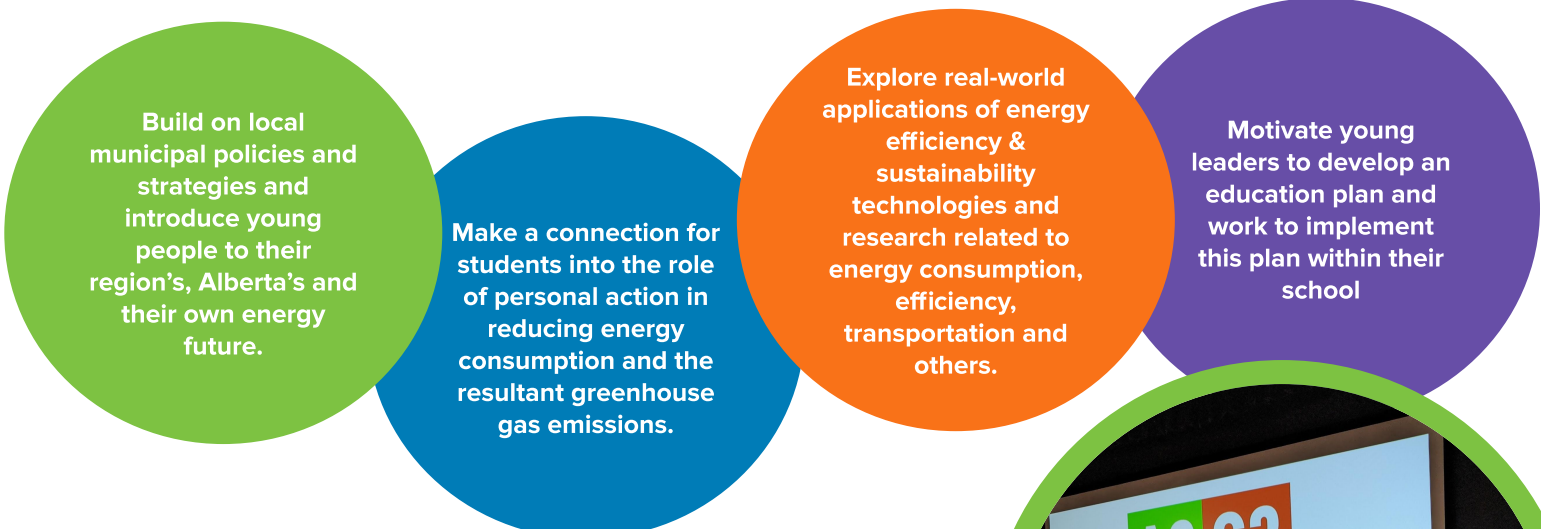
# Introduction

**Inside Education** developed the ACES Summits as a model to engage youth across the province and introduce students to sustainability initiatives in their region. Each summit explores the local initiatives and innovations that are underway to combat climate change, reduce emissions, improve energy efficiency, and more! The program introduces students to a variety of perspectives related to climate change that have an influence on our economy, environment, and society.

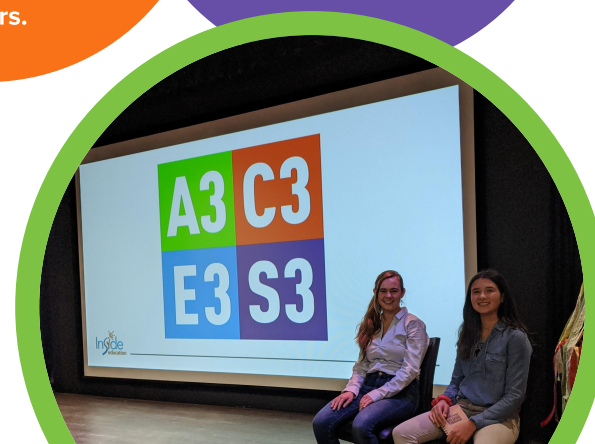
Building upon 33 years of experience designing experiential education programs using a multiple perspectives approach, Inside Education endeavored to provide students with a comprehensive overview of climate change examined through a local lens.

The Calgary Climate Change (C3) Youth Summit saw another very successful year, and we are pleased to share the outcomes, challenges, and impacts from this program through this summary report.

## The Goals of the ACES Summits



Youth Changemakers Priya Migneault, Earth Guardians YYC & Jade Janzen, Lives With Less Plastic



# The Program

Through this program students:

- **CONNECTED** with other like-minded peers who were eager to learn and share ideas about climate action.
- **DISCOVERED** some of the ways that Calgary is planning to mitigate and adapt to the impact of climate change.
- **PARTICIPATED** in a unique session where they had the chance to speak with professionals working in the energy industry.
- **CONSIDERED** issues and innovations through tours and discussions with a variety of speakers.
- **SHARED** challenges they face within their own schools and communities and brainstormed ideas to take action on these issues.

Inside Education created a unique student learning event that inspired conversations, ideas and classroom connections. Students were challenged to think critically about the content and perspectives that were presented throughout the program and had the opportunity to engage with a variety of professionals and other youth working on initiatives in the City of Calgary.

## THE C3 PROGRAM AT A GLANCE

### Tuesday, November 19

#### Introduction & Welcome

What does climate change look like in Calgary?

**Keynote Speaker: Larissa Crawford**  
Effective Climate Action

#### Hello, My Name Is...

Student Interviews with Cenovus Energy

#### University of Calgary Innovations

- Green Building Technology Talk & scavenger hunt
- ZEUS Net-Zero Motorcycle & U of C Solar Car Team workshop tours

### Wednesday, November 20

**Protect Our Winters: Hot Planet, Cool Athletes**  
Haley Daniels

#### Morning Tours & Talks:

- CRAZ Air Quality Monitoring Lab
- Bow River Walk: Flood Mitigation & Wildlife impacts with the City of Calgary
- CPAWS: Wildlife Conservation

#### Youth Changemakers Panel

Priya Migneault, Earth Guardians YYC  
Jade Janzen, Lives with Less Plastic

#### Stewardship Send Off

Postcard Writing & The Climate Ribbon Project



# The Participants

C3 2019 saw over 20 schools from the Calgary region apply, and we are honoured to have accepted 70 junior and senior high participants from the following seven schools:



**Foothills Academy Society**



**Griffith Woods School**



**Tsuut'ina Middle School**



**Calgary Christian Secondary School**



**Queen Elizabeth High School**



**St. Matthew School**



**Louis Riel School**

**By the numbers:**  
 20 applicants  
 7 schools accepted  
 57 students  
 13 teachers



“C3 was honestly the best thing that could happen to our environmental club. It was super **inspiring, engaging and helpful**. Pretty much all the programs were extremely interesting and helpful. And it was great to hear from many people coming from different backgrounds.”

- *Sasha A., Queen Elizabeth High School Student*



“Thanks so much for making C3 possible. This program really made a difference to me and my school.”



## Partners, Expert Guests, and Tour Hosts

We extend deep thanks to our program partners for their laudable support of the 2019 Calgary Climate Change (C3) Regional Youth Summit. Participants voiced their appreciation for making the program such an accessible opportunity and everyone expressed gratitude at being provided a full scholarship to attend the program. A special mention to Cenovus Energy for providing a fantastic venue and lunch for the group.

Inside Education is proud to work with partners committed to excellence in natural resource education.

*“Learning about the journey of professionals working to help the environment was very useful and added a personal touch to our experience.” - **Dominique Davidson Befus, Teacher at St. Matthew School***



**A SPECIAL THANKS TO THE FANTASTIC SPEAKERS AND TOUR HOSTS, THEIR COMMITMENT TO ADVANCING ENVIRONMENT AND NATURAL RESOURCES EDUCATION IS GREATLY APPRECIATED.**

**Larissa Crawford** | *Larissa Crawford Speaks*  
**Trent Zacharius** | *Cenovus Energy*  
**Jesse Wong** | *Cenovus Energy*  
**Kristen Foxcroft** | *Cenovus Energy*  
**Erin Madro** | *Cenovus Energy*  
**Tyler Tarnoczi** | *Cenovus Energy*  
**Stephanie Cook** | *Cenovus Energy*  
**Taisa Anderson** | *Cenovus Energy*  
**Travis Shackleton** | *Cenovus Energy*  
**Ted Johnson** | *Cenovus Energy*  
**Karen Montemurro** | *Cenovus Energy*  
**University of Calgary Solar Car Team**  
**University of Calgary ZEUS Team**  
**Haley Daniels** | *Protect Our Winters Canada*  
**CPAWS Southern Alberta**  
**Mandeep Dhaliwal** | *CRAZ*  
**Jill Bloor** | *CRAZ*  
**Tanya Carlson** | *CRAZ*  
**The City of Calgary**



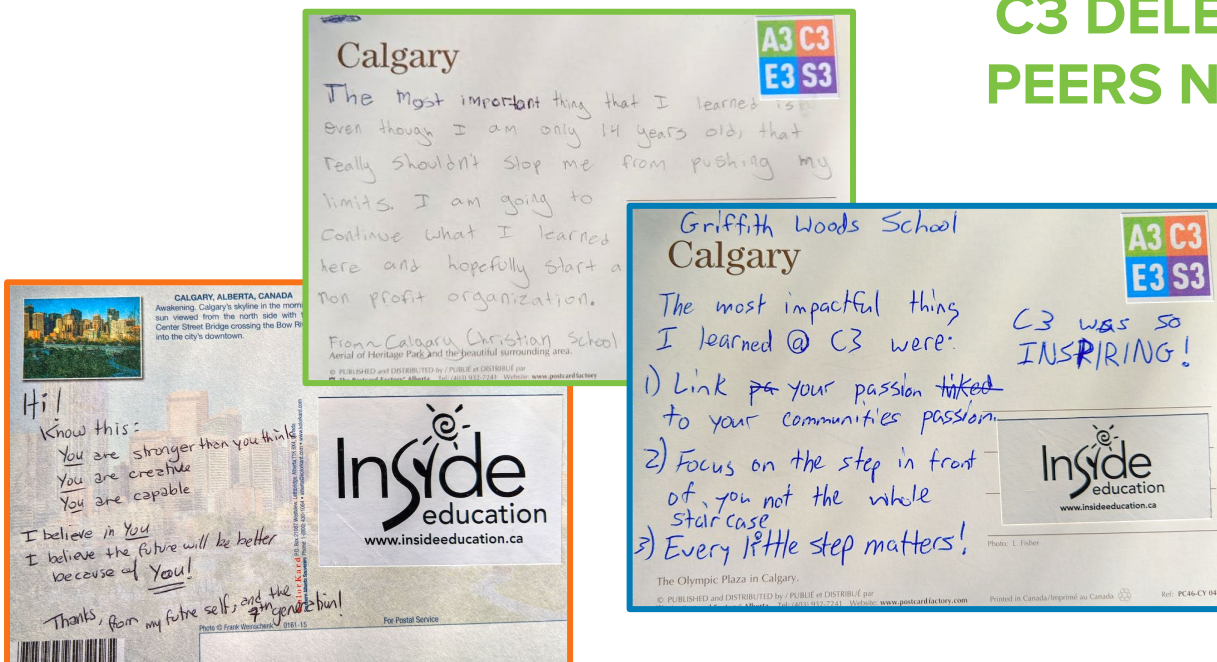
# Program Impact and Feedback

Following the program, Inside Education sent out a follow-up survey to all participants who attended C3. Results of the survey indicate that, overall, C3 participants developed many ideas for leadership projects to take back to their schools and that they left feeling more empowered to get involved in sustainability or climate change initiatives in their communities. Ninety two percent of respondents would recommend the program to other students and teachers in the future.

Participants indicated that they thoroughly enjoyed touring interesting sustainability initiatives, most especially the ZEUS Electric Motorcycle Workshop tour at the University of Calgary. Many participants also indicated that their favourite part of the program was chatting with Cenovus employees and hearing from local Youth Changemakers, Jade Janzen and Priya Migneault.



## POSTCARDS FROM C3 DELEGATES TO PEERS NEAR & FAR





“Everything was **exceptionally done**...from the organization of the event, to ice breakers, to the amazing speakers. Students were constantly **engaged** (in a positive, self-motivated way) and my students were **challenged** to think about changes they can make.”

- *Bani Puri, Teacher at Foothills Academy Society.*



**93% OF SURVEY RESPONDENTS FEEL MORE EMPOWERED TO GET INVOLVED IN SUSTAINABILITY OR CLIMATE CHANGE INITIATIVES IN THEIR SCHOOL COMMUNITY AFTER ATTENDING C3 2019!**

**“A HUGE THANK YOU TO CENOVUS, EEA, ENMAX, GoA, GM, TED ROGERS COMMUNITY GRANTS. THIS WOULDN'T HAVE BEEN POSSIBLE WITHOUT YOU GUYS. I REALLY HOPE I CAN COME BACK NEXT YEAR!”**

- *Houda Alsaadi, student at Calgary Christian School*



## Considerations and the Future

C3 has seen increasing success and interest over the past four years, with our applicants numbers increasing from 8 applicant schools in 2016 to 20 applicants in 2019. This is a demonstration not only of the high quality programming, but also the impressive word of mouth network between teachers. This year, however, schools were faced with unexpected budgetary changes in November, which forced a few of our Calgary Board of Education teachers to scale back or recant their school's participation. Almost all of them expressed the inability to cover transportation or supply teacher subsidy costs. In the future, it would be prudent for Inside Education to explore covering a higher percentage, or even the full cost, of supply teachers for attending schools.

The future of C3 looks bright; it is a highly regarded event that is gaining more and more traction among schools, students, and teachers with each passing year. One of our biggest challenges is logistics: finding a venue to support an increasingly large event is difficult, yet it speaks volumes about the potential scale of this event. Schools are actively seeking out reliable programs, events, and guest speakers for science-focused, fact-based natural resource education. Inside Education is well-poised to continue to take on the role of supporting teachers as they build future generations of engaged stewards. Events like C3, in tandem with our in-class presentations, learning resources, and field trips, are helping to inspire students and teachers who think critically about our environment and natural resources and their relationship with our economy and society.

### Contact

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