

2019 E3 Regional Youth Summit

# Edmonton Energy Efficiency (E3)

December 4-5, 2019 | Edmonton



# Introduction

**Inside Education** is proud to once again host E3 - the Edmonton Energy Efficiency Regional Youth Summit! This summit was first hosted in 2012, and we are excited to report another successful year of Edmonton area students coming together to gain insights into our energy and climate landscape. This year's program emphasized innovation, technology, and ongoing energy initiatives, with the goal of participants developing their critical thinking skills and considering their role in Alberta's energy future.

E3 2019 was a two-day experiential learning experience for junior high-aged students in grades 7-9. The program was fully subscribed, with **94 students and 14 teachers from 9 schools** across the Edmonton Area. Although the program is Edmonton-focused, it managed to have quite a wide reach, with students coming from as far away as Legal and Pigeon Lake to attend the summit.

The summit included guest speakers, workshops, as well as site tours of examples of energy efficiency in action around the city. The whole program was kicked off by a talk from Edmonton **Mayor Don Iveson** who introduced students to the Edmonton Declaration, a global agreement among city mayors to take leadership on climate change, as well as the action that the City of Edmonton is taking on to address these issues.



# The Program

## PROGRAM GOALS:

- Examine how our local actions connect to the global climate conversation
- Share tools and resources for teachers and students to share their experience and take action back at their schools
- Explore how energy efficiency and renewable energy initiatives are already happening in Edmonton

<b>Wednesday, December 4</b> <b>Start: 9:30 AM - Feigel Conference Centre</b>	<b>Thursday, December 5</b> <b>Start at 9:30 AM - Feigel Conference Centre</b>
<p><b>Program Welcome and Introduction to Energy Efficiency, Climate, and Sustainability in Edmonton</b> <i>City of Edmonton, Inside Education</i></p>	<p><b>The Future of Energy in Alberta</b> Reflect on what you have heard and seen on Day 1, and learn about some of the amazing projects and innovations in our province! <i>David Dodge, Green Energy Futures</i></p>
<p><b>Shaping Alberta's Future</b> Look forward to how our actions today will affect our community tomorrow with the Design Our Climate Simulation from The King's College <i>Dr. Peter Mahaffy &amp; Dr. Melanie Hoffman - The King's University</i></p>	<p><b>Efficiency in Action Tour 2</b> We'll once again get onboard a bus to explore some of the projects that are ongoing in our city. <i>Group A: Blatchford DESS</i> <i>Group B: Kate Chegwin School</i></p>
<p><b>Think Global Act Local</b> Join André Morson in a Community Inventory to determine where in your community a difference could be made! <i>André Morson, Inside Education</i></p>	
<p><b>Lunch</b></p>	<p><b>Lunch</b></p>
<p><b>Sustainability Trailblazers</b> Discover how other young people are making a difference in their community <i>Lakeland College</i></p>	<p><b>Expert Circuit</b> Have the opportunity for face time with experts who are working in the field of energy efficiency and sustainability every day.</p>
<p><b>Efficiency in Action Tour 1</b> Hop aboard the bus and get ready to explore some of the innovative ways energy efficiency is being addressed in Edmonton <i>Group A: Stantec Tower</i> <i>Group B: U of A Sustainability Tour / Future Energy Systems Lab</i></p>	<p><b>Stewardship Send-Off</b> Write to a fellow Inside Education summit delegate from across Alberta. Share your experience and challenge them with a stewardship action of your own! Leave E3 feeling empowered and inspired to take action!</p>
<p><b>Day 1 Debrief</b></p>	<p><b>Program Close</b></p>

# Participating Schools

We are happy to report that the E3 2019 program was fully subscribed. Five out of the nine schools had attended an E3 Youth Summit previously, providing evidence that the program has proven valuable to teachers and students in the past. This year's program also had a surprisingly wide reach, despite being an Edmonton-based program. Only four of the attending schools were from the Edmonton School boards, while the rest were from independent or charter school boards, or from outside the city.

**Pigeon Lake Regional School** | Wetaskiwin  
Regional Public Schools

**Sister Alphonse Academy** | Greater St. Albert  
Catholic Schools

**École Citadelle** | Conseil Scolaire Centre-Nord

**Westlawn School** | Edmonton Public Schools

**Aurora Academic Charter School** | Edmonton  
**Headway School** | Independent Edmonton  
School

**Kim Hung School** | Edmonton Public Schools

**Argyll Centre** | Edmonton Public Schools

**École Avalon Junior High** | Edmonton Public  
Schools



# Partners, Expert Guests, and Tour Hosts

Inside Education would not be able to organize engaging and valuable youth summits without the support of program partners, expert guest speakers, and tour hosts. We would like to extend our thanks to all the people and organizations that made the 2019 E3 Youth Summit a success!

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



- Mayor Don Iveson | *City of Edmonton*
- Dr. Peter Mahaffy & Dr. Melanie Hoffman | *King's University*
- Lakeland College Enviro Club | *Lakeland College*
- David Dodge | *Green Energy Futures*
- Nirwair Bajwa | *Stantec*
- Dr. Valerie Miller & Kenneth Tam | *University of Alberta*
- Fernando Hernandez | *City of Edmonton*
- Colin Lacey | *Kate Chegwin School*
- Connie Stacey | *Growing Greener Innovations*
- Gage Tweedy | *NEWO Energy*
- David Zimmerman | *Enerkem*
- Jason Toner | *Alberta Energy*
- Klaas Rodenburg & Allan Offenberger | *Alberta/Canada Fusion Technology Alliance*
- Shafraaz Kaba | *ASK*
- John Stepovy | *Pacific Western Transportation*
- Mike Christensen | *EPCOR*
- Ronnie Ploit | *ENMAX*
- Leon Milner | *City of Edmonton*
- Aspen Dudzic | *Work Wild*
- Patty Milligan | *Northlands*
- Gregory Caswell & Emma Crandell | *Alberta Emerald Foundation*

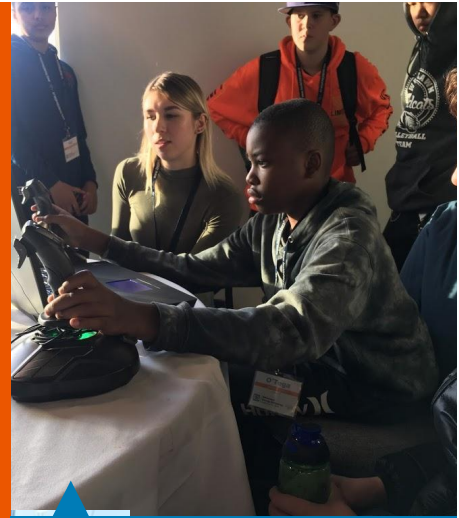


## PROGRAM PARTNERS





When asked to rate E3 out of 5 stars, survey respondents rated their E3 experience...



*"It was an awesome once in a lifetime experience. I would definitely do it again if I could."*

*- Ryan Ma, Avalon School*



*"Our students appreciated having this experience at so little cost. There were so many great opportunities and speakers! Thank you!"*

*- Carryl Bennett, Sister Alphonse Academy*

## Participant Feedback...

*"Thank you for taking the time to positively influence our kids and showing them how to walk the sustainability walk. Thank you for showing them, that they can take action and make a difference rather than feel gloomy about their future."*

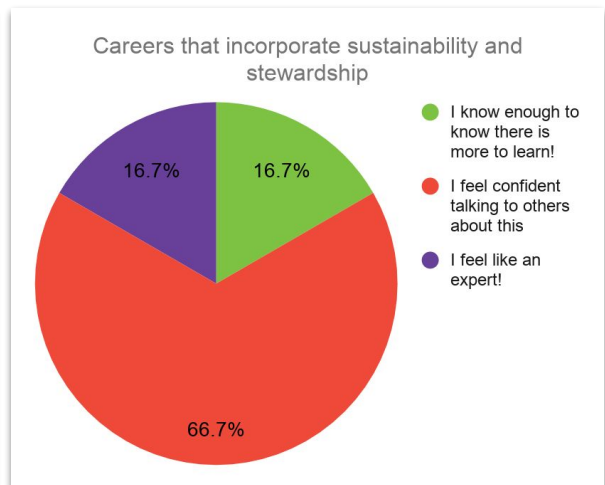
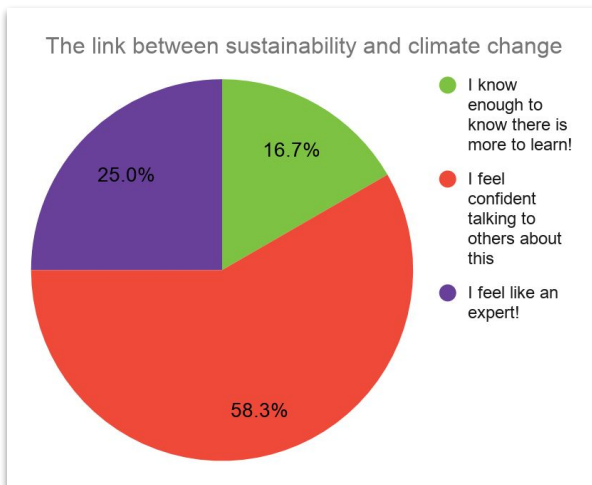
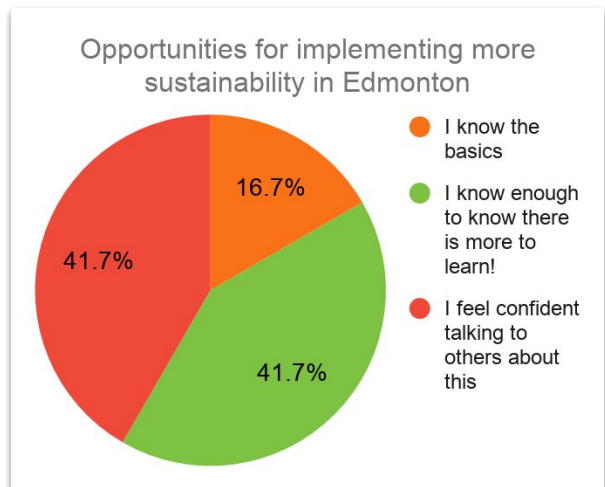
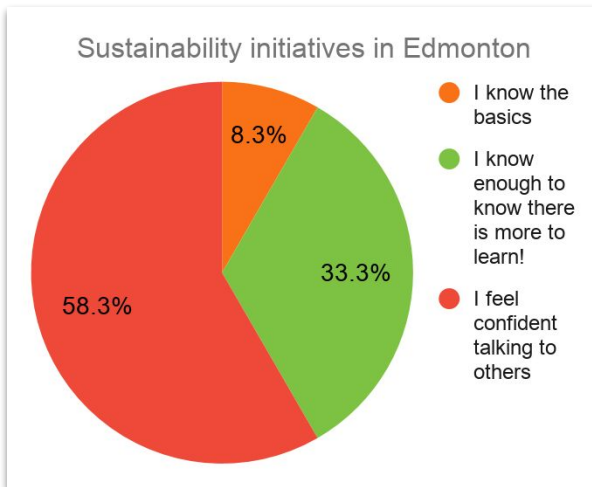
*- Deepali Medhekar, Teacher @ Headway School*



# Program Impact and Feedback

Inside Education is proud to report that feedback for E3 2019 was overwhelmingly positive. Students and teachers alike reported that they enjoyed the program and found that it increased their knowledge on topics related to energy efficiency and sustainability

After the program, participants were asked to rate their level of understanding on the following topics:



## Summary and Futures

Inside Education is very happy to report on another successful Edmonton Energy Efficiency (E3) Youth Summit. We received overwhelmingly positive feedback from participants, and we are pleased that the goals and outcomes of E3 2019 were met successfully. Students and teachers consistently demonstrate that they value the opportunity to meet with local speakers and experts, and to hear about the initiatives that are taking place in Edmonton and Alberta.

Youth summits are just one part of the suite of energy and climate-related programming that Inside Education provides, which includes classroom programming, teacher professional development, and project grants. Thanks to our program partners, we are pleased to be able to provide these educational opportunities for students and teachers in the province, and hope to continue to do so for many years into the future.

### Contact

For More Information Contact:

**Inside Education Society of Alberta**

[www.INSIDEeducation.ca](http://www.INSIDEeducation.ca)

**Natalie Graveline**, *Program Coordinator* | [ngraveline@insideeducation.ca](mailto:ngraveline@insideeducation.ca)

**Steve McIsaac**, *Executive Director* | [smcisaac@insideeducation.ca](mailto:smcisaac@insideeducation.ca)

