



## Generate 2017: Youth Energy and Climate Leadership Summit March 9-12, 2017, Kananaskis

### Thursday, March 9

School Arrival and Registration

### Welcome to Generate 2017 Reception: Off the Grid

This drop-in reception will energize students & teachers alike as they get to know Inside Education and other teams from across the province.

### Friday, March 10

7:30-8:30 Breakfast

### Inspiring Youth Energy and Climate Leadership

Inside Education kicks off the summit and gets you energized to embark together on this dynamic journey of energy and climate change education!

**Idea Generator:** *Inside Education*

### Alberta's Climate Leadership Plan

Hear about Alberta's new climate change strategy, what is driving it forward, how can we be involved.

**Idea Generator:** *Michael Fulsom // Government of Alberta, Alberta Climate Change Office*

### Energizer

Get up get moving and generate some energy of your own!

10:10-10:30 Break

### The Energy Dialogues: Energy and Climate Roundtables

Help shape the conversation during this series of roundtable discussions that will see small groups of students visiting with a wide variety of experts with a myriad connections to energy and climate change in Alberta.



**Idea Generators:**

**Electricity Transmission**

David Huggill // AltaLink

**Hydropower**

Mike Nemeth // Alberta WaterSMART/ Bow River Basin Council

**Energy Innovation**

David Dodge // Green Energy Futures

**Waste to Biofuels**

David Zimmerman // Enerkem

**Biodiversity and Climate Change**

Alison Ronson // Canadian Parks and Wilderness Society

**Wind Power**

Evan Wilson // Canadian Wind Energy Association

**Energy Careers**

Amit Saxena // Devon Canada

**Forests and Climate Change**

Kelvin Hirsch // Natural Resources Canada

**Green Schools**

Tanya Doran // Stantec

**Decentralised Energy**

Ana Medina // Decentralized Energy

**Geothermal**

Alex Sarmiento // Canadian Geothermal Association

**Citizen Engagement**

Steve Rennick // Canadian Association of Petroleum Producers

**Natural Gas**

Erin Stromquist // Repsol Canada

**Solar Energy**

David Kelly // SkyFire Energy

**Greenhouse Gases and Air Quality**

Gary Redmond // Alberta Airshed Council

**Carbon Capture and Storage**

Jason Toner // Government of Alberta

12:00-1:00pm Lunch

**Oil Sands Emissions Innovation Panel**

Alberta's oil deposits mean we have a responsibility to manage the emissions that result from both development and use. Join these expert panelists to learn how the oil and gas sector is advancing in response to climate change and the innovative projects that exemplify our shared commitment to a clean energy future.

**Idea Generators:** Candice Paton // Alberta Innovates, Matt McCulloch // Canada's Oil Sands Innovation Alliance, Simon O'Brien // Shell Canada



## Project Connections (Part one)

This is an opportunity for school teams to gather together to discuss what they have heard and begin to apply the information to their energy and climate action project.

**Idea Generators:** *YOU!*

## Innov8 Gallery: Inspiring action and Leadership

This gallery of awesome, interactive exhibits is all about the creative, innovative ways you can get involved in energy and climate topics. Prepare to be surprised, inspired and unwind with all your new teammates! The gallery features activities for both students and teachers.

**Idea Generators:** *Telus Spark, Canadian Geographic, A+ for Energy, UofC Solar Car Team, Star EcoWorks, Inside Education, ConocoPhillips, Green Calgary, Alberta Tomorrow, Shell VR Googles*

Break

## Gala Dinner with Keynote Sean Aiken

An inspirational evening and a chance to celebrate energy education in Alberta. This special event will bring together students, teachers and the Generate partners that supported their attendance to the program. The 120 delegates and 30+ special guests will be treated to Sean Aiken's story of holding 52 jobs in 52 weeks and leave with 1000 reasons to smile.

**Keynote Idea Generator:** *52 Week Job Project - Sean Aiken*

**Saturday, March 11**

Breakfast

## Traditional Knowledge and Environmental Stewardship

Indigenous peoples have had a sacred relationship with the land. Having worked with indigenous and non-indigenous youth all over the province, Walter will share stories and songs of environmental stewardship.

**Idea Generator:** *Walter MacDonald White Bear*

## Electricity and Energy Efficiency Panel Discussion

Alberta's electricity landscape is changing. We have invited Alberta's leading experts on renewable energy, clean energy economy and energy efficiency to help us explore how technology, innovation and conservation are working together to green the grid.

**Idea Generators:** *David Dodge // Chair of Energy Efficiency Alberta, Julia Maria Becker // Pembina Institute, Shantel Kennett // Enmax Energy, Roslyn McMann // BluEarth Renewables*



## Energizer

Get up get moving and generate some energy of your own!

Break

## Young Energy and Climate Leaders Showcase

Students and teachers will be challenged to make a difference TODAY, while thinking ahead to their future. This session will feature young people who have already made a big difference when it comes to energy in Alberta.

**Idea Generators:** *Jasveen Brar // Dalhousie University and Generate 2013 Participant, Olivia Reshetylo // Student Energy, Alex Villeneuve // Ceres and Olds College student*

## Project Connections (Part two)

This is an opportunity for school teams to gather together to discuss what they have heard and begin to apply the information to their energy and climate action project.

Idea Generators: *YOU!*

12:00-1:00pm Lunch

## Projects in Motion

An important outcome of Generate is to develop an action plan for their school. These sessions will introduce some *specific, achievable* activities teams can undertake this year and into the future to share the information and work towards awareness, energy efficiency and climate action.

Idea Generators:

- *Storytelling to Change // Nakoda AV Club*
- *Biodigestors in a Bottle and Energy Audit // Nature's Ride and Aaron Dublenko*
- *Activating Your Project Potential // City of Calgary*
- *Help Build a Sustainable Future: Green Architecture/Urban Agriculture // Cochrane High School Teacher, Lynn Moore*

Break

## Evening social at Boundary Ranch BBQ!

Kick up your heels with this laid back evening in the mountains We will enjoy a fire cooked meal, casual conversation and then dance the night away surrounded by good friends, great music and beautiful scenery.

Sunday, March 12

8:00-9:00 Breakfast

### Generate Project Planning Workshop

An opportunity for schools to dedicate time to further developing their action plans while collaborating with other teams. The focus will be on project implementation including discussions of goals, budgeting, engaging other students at your school and timelines.

### Summit Farewell

Generate 2017 concludes but energy and Climate education never ends...

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This Inside Education program is possible thanks to the support of our program partners:

