

generate **2013** summary report

introduction

Energy literacy starts with an experience that helps spark curiosity about energy topics and issues; Generate 2013 was that experience for 126 students and teachers from across Alberta and Northeastern BC. With the goal of **developing understanding and critical thinking** about energy and our environment, Generate 2013 was a unique opportunity for teachers, students, industry, academics and environmental leaders to come together and explore energy perspectives and engage in conversations that will shape the future.

The Generate 2013 Summit was a dynamic four-day educational experience that **facilitated meaningful discussions** about our energy landscape and **inspired action** through energy literacy projects in local schools and communities. Inside Education extends many thanks to the partners, energy experts, dedicated teachers and students that contributed to the overall success of Generate 2013.



the participants

Generate teams were comprised of four student leaders and two teachers from each of the 21 participating schools. These teams were selected based on their application indicating the desire to participate and eagerness to take action through their literacy project and at the same time ensuring a great balance of participants from across Alberta.

In addition to 20 Alberta high schools, for the first time this year's summit welcomed a team from Northeastern British Columbia. The high level of engagement and commitment to energy literacy shown by each of these teams is commendable. These individuals **showcase the spark** that is needed to inspire conversations and play a key role in our environment and natural resource future.

participating schools:

- Oilfields High School, Black Diamond
- CBe-learn and Career & Technology Centre, Calgary
- Forest Lawn High School, Calgary
- Lord Beaverbrook High School, Calgary
- Holy Trinity Academy, Drayton Valley
- J. Percy Page High School, Edmonton
- Queen Elizabeth High School, Edmonton
- North Peace Senior Secondary, Fort St. John, BC
- Chief Napeweaw Comprehensive School, Frog Lake
- Fort Saskatchewan High School, Fort Saskatchewan
- Peace Wapiti Academy, Grande Prairie
- Hughenden Public School, Hughenden
- Jasper Junior/Senior High School, Jasper
- Lloydminster Comprehensive High School, Lloydminster
- Medicine Hat High School, Medicine Hat
- Strathcona-Tweedsmuir School, Okotoks
- Peace River High School, Peace River
- Ponoka Composite High School, Ponoka
- Sexsmith Secondary School, Sexsmith
- Tsuu T'ina Junior/Senior High School, Tsuu T'ina
- Mistassiniy School, Wabasca



the program

Generate 2013 was a **multi-dimensional program** that explored different energy sources, their development and associated issues from multiple perspectives.

Major topics/themes included:

- » Energy in Alberta
- » Current and emerging energy issues
- » Research, technology and innovation
- » Careers in energy and environmental stewardship
- » Energy use, conservation, personal action

The exploration of key topics and ideas allowed for valuable learning about the environmental, social, and economic challenges and opportunities related to energy use and development.



The program was designed to engage students, asking them to think critically about the natural world and resource development, while balancing the myriad of values that shape our energy landscape.



A series of interactive workshops, hands-on activities, panel presentations and a career and learning exhibition enabled both students and teachers to apply and connect their learning back to their classrooms and communities.

Over 30 expert guests - **Idea Generators** - from a wide spectrum of energy and environmental fields participated in the program. Each Idea Generator contributed valuable perspective and understanding that helped lead the conversations that shaped the student's energy literacy journey.

program feedback

Generate 2013 was an exceptional education experience. Although it is difficult to capture the spirit of the event in survey data and anecdotes, Inside Education is proud to share the outstanding results and feedback that were provided by both the teacher and student delegates.

"It solidifies my belief in today's youth."

Amber, Medicine Hat High School

"I feel inspired to make some changes in the world."

Kimberley, Hughenden Public School

"This experience will be remembered as a time of learning and going out of my comfort zone to better myself and form opinions on issues."

Sharon, CBe-learn, Calgary

"(It gave) my students the chance to see not only the importance of energy to Alberta, but also how important their understanding of it is to Alberta's future. It gives me the chance to explore energy questions and concerns with my students in an informed manner."

Owen Morris
Teacher, Chief Napewewaw Comprehensive School,
Frog Lake First Nation

100%

of respondents stated that they see value in another Youth summit for Alberta high school students and teachers.

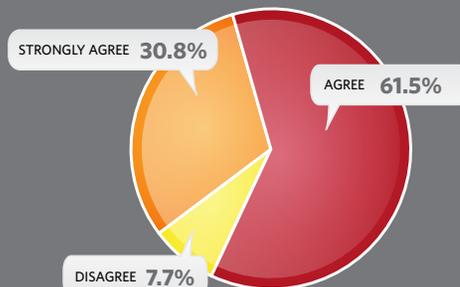
100%

of respondents would recommend an Inside Education Youth Summit to other teachers and students

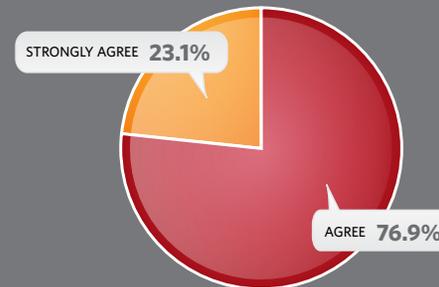
"I had many questions coming into Generate, but I am leaving with many more."

Jasveen, Medicine Hat High School

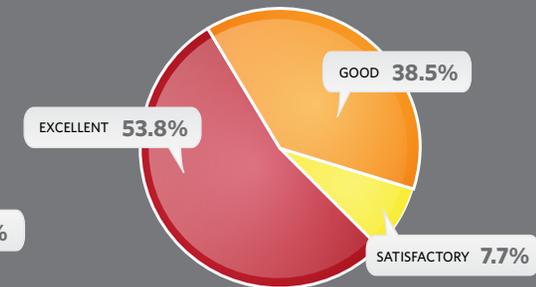
Generate 2013 increased my awareness of the multiple perspectives related to energy in Alberta:



Generate 2013 enhanced my knowledge and understanding of energy in Alberta:



How would you rate the overall quality of Generate 2013?



energy literacy beyond the summit

One of the unique challenges presented to each of the teams was to continue their learning beyond the Kananaskis Summit; to share not only what they learned but also to find creative ways to apply their newfound knowledge. Each of the participating schools committed to this through their **Energy Literacy Projects**. The projects are student-driven and **demonstrate leadership, engagement and environmental stewardship.**



"Thanks to the Summit, we have a guideline and a plan of attack for our energy conservation ideas, and we are confident these ideas will change the world."

Alex, Forest Lawn High School

Here's just a sample of some of the impressive projects successfully implemented by the teams. To read more on the Energy Literacy Project outcomes, visit www.gener8.ca.

The Page Green Team

J. PERCY PAGE HIGH SCHOOL

"Tuning In From Generate"

School television broadcast about energy

MISSTASINIY SCHOOL

Net Zero Classroom Design JASPER JUNIOR/SENIOR HIGH SCHOOL

"Living Wall" installation

STRATHCONA-TWEEDSMUIR SCHOOL

YES! Club (Youth for Environmental Sustainability)

MEDICINE HAT HIGH SCHOOL

our partners

Government of Alberta



Apache
EXPLORING WHAT'S POSSIBLE



CAPP
CANADIAN ASSOCIATION OF PETROLEUM PRODUCERS



cenovus
ENERGY



devon



Synocrude

TALISMAN
ENERGY

Inside Education extends its thanks to all the program partners. Each participating school was paired with one of the partners; providing **effective, meaningful connections** and building relationships between schools, organizations and Inside Education. The Generate team continues to foster these relationships by connecting schools with established funding and recognition programs. Many teachers commented how grateful they were to have full scholarship for such a high-calibre education event. Most schools would not have the budget available to attend otherwise, and it is through the support of Inside Education's partners that these opportunities are made possible.

futures

Youth summits like Generate 2013 exemplify the work we do at Inside Education, as well as provide a venue for environmental and natural resource education to come to life. Generate 2013 equips students and teachers with the **tools for the future** by generating excitement about our environment, develops understanding that will lead to the responsible and careful management of our natural resources and inspires awareness and action through the energy literacy projects.

Inside Education believes that all students and teachers should have experiences that connect them to environmental and natural resources issues that matter to all of us. Through our unique approach to education and a full suite of programs and resources, we make these experiences possible for thousands of students and teachers across Western Canada each year. With this in mind, planning is already underway for a multitude of other natural resource based programs for teachers and students and for **Navigate 2014 - Water Literacy Youth Summit** to be held March 13-16, 2014 in Banff, Alberta.



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