



Join us as we learn about the technologies that will help Alberta in the transition towards net zero, and receive an Energy Toolkit to bring the conversation to life in the classroom!

Energy Innovations Professional Development

Friday January 28th, 2022
Lethbridge, Alberta

9:00 AM Program Start

Friday January 28th, Dr. Robert Plaxton Elementary School

9:00 - 9:15 AM

Welcome & Introductions

Meet the Inside Education team as well as your fellow teachers, and gear up for a great day of learning!

9:15 - 9:45 AM

Alberta's Path to Net Zero

An overview of energy innovations and Alberta's energy landscape.

9:45 - 10:15 AM

Energy Toolkit (topics 1 & 2)

Dive into the Energy Toolkit! Learn how to bring conversations about Natural Resources for Energy and Canada's Energy Landscape to life in the classroom.

10:15 - 10:45 AM

Renewable & Alternative Energy in Southern Alberta - *Trevor Lewington*

Hear from the Southern Alberta Alternative Energy Project (SAAEP) about the opportunities and challenges related to renewable and alternative energy development in Southern Alberta.

10:45 AM - 12:00 PM

Lethbridge College Wind Turbine Technician Program Tour

See a real wind turbine nacelle and participate in a virtual reality climb of a wind turbine!

12:00 - 1:00 PM

Lunch (provided)

Enjoy a lunch prepared by Lethbridge College's Culinary Program, then return to Dr. Robert Plaxton Elementary School.

1:00 - 1:30 PM

Energy Toolkit (topics 3 & 4)

Learn how to bring Electricity Generation and Renewable & Alternative Energy topics to life in the classroom.

1:30 - 2:00 PM

Residential Solar & EVs - *Chris Hopkinson*

Chris Hutchinson is a professor at the University of Lethbridge by day and a home efficiency enthusiast by night. Learn about his experience putting solar panels on his home and charging his electrical vehicle with solar energy.

2:00 - 3:00 pm

Energy Toolkit (topics 5, 6 7 & 8)

Dive into the remaining 4 topics of the Energy Toolkit - Experience Fossil Fuels, Energy Efficiency vs Conservation, Energy Storage, and Stewardship.

Program End

Friday January 28th, 2022 @ 3:00 pm