



ALBERTA INNOVATES

# AGRICULTURE & ENVIRONMENT

ENVIRONMENTAL INNOVATION

WATER INNOVATION

## FUNDING DETAILS

### Environmental Science and Water Innovation in Schools

Inside Education's comprehensive education project will engage students and teachers in environmental science and disseminate knowledge to the next generation of innovators. By exploring science, technologies, and innovations that are shaping the use, management and protection of Alberta water resources, young people will gain the knowledge and skills needed to ensure healthy aquatic ecosystems and the sustainable use of water resources into the future.

Focused on the intersections between water, energy and agriculture, the project includes:

- Environmental Leadership Summits for high schools
- School Programs
- Innovation Field Trips in communities across Alberta
- Teacher professional development
- Water education learning resource



**RECIPIENT:**  
**Inside Education  
Society of Alberta**



**PARTNERS:**  
Nutrien, Enbridge,  
Suncor Energy  
Foundation, Strathcona  
Resources, Canadian  
Agriculture  
Partnership, TC Energy,  
Alberta Environment &  
Protected Areas,  
numerous post-  
secondary institutions



**TOTAL BUDGET:**  
**\$1,124,925**



**PROJECT DATES:**  
**FEB 2025 – DEC 2027**



**AI FUNDING:**  
**\$157,500**



### APPLICATION

Inside Education will reach thousands of students and teachers, creating multiple opportunities to engage with cutting-edge environmental science and innovation. The project will offer numerous experience-based programs that enrich the curriculum. The professional team of educators at Inside Education will work with a broad network of experts to highlight Alberta's leadership in technological innovation, natural resource development, and environmental sustainability providing a unique opportunity to feature Alberta Innovates supported research to this important audience of future innovators.

[Learn how albertainnovates.ca](https://albertainnovates.ca)

Classification: Protected A



# ALBERTA INNOVATES AGRICULTURE & ENVIRONMENT

## ENVIRONMENTAL INNOVATION

### WATER INNOVATION

## PROJECT GOALS

The project's overarching goals are to:

- 1) equip young people with a solid foundation of science-based knowledge related to water in Alberta
- 2) build critical thinking and technological skills
- 3) foster the curiosity and creativity needed to tackle current and future environmental issues
- 4) provide a conduit for knowledge transfer and dissemination to youth - a key audience of future innovators and environmental stewards

## BENEFITS TO ALBERTA

The project equips young people with the knowledge, skills, and attitudes necessary to address current and future environmental challenges. Understanding the connections between water resources and the energy and agriculture sectors in Alberta is critical to ensuring healthy watersheds and sustainable water use. The project benefits Alberta by:

- bridging the gap between research and public understanding by providing access to experts,
- creating immersive learning experiences that enrich the curriculum and help students connect theoretical knowledge to real-world initiatives,
- increasing interest in environmental science topics and careers, and
- empowering future decision-makers and water stewards.

Ultimately, the project will enhance Alberta's ability to lead the way in environmental sustainability and innovation long into the future.



**1 Publications**



**>10,000 Students  
and teachers  
reached**



**1-2 Project Jobs**

## CURRENT STATUS

**MARCH 2025 – In progress**

Project recently kicked off