



LAB SERVICES INCENTIVE PROGRAM

Helping Alberta SMEs Access Research and Testing Infrastructure

October 15, 2026

The webinar will begin shortly...

EMISSIONS
REDUCTION
ALBERTA



LAB SERVICES
INCENTIVE
PROGRAM

Speaker Introduction

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Housekeeping

- ✓ All participants' microphones are muted.
- ✓ Please submit your questions using the “Q&A” feature located at the bottom of the screen.
- ✓ To view the webinar in full screen, click on the arrows on the top right.
- ✓ A recording of this session will be available soon on ERA's website and YouTube channel.
- ✓ If you encounter any technical issues, please reach out to Sophie at sashworth@eralberta.ca.



Land Acknowledgement

In the spirit of reconciliation, we, at ERA, acknowledge the privilege of living, working, and investing on traditional territories, which include Treaty 6, Treaty 7, and Treaty 8 Nations; Otipemisiwak Métis Government of the Métis Nation; Inuit; First Nations; and all others who live and care for these lands.

We are dedicated to promoting a culture of collaboration and meaningful engagement.

Agenda

- 1 What LSIP is and why it was created
- 2 Funding Available
- 3 Who is Eligible
- 4 Participating Institutions
- 5 How to Access the Incentive
- 6 How to Prepare your Application



ERA-AT-A-GLANCE

VISION

Alberta has a diversified economy with competitive industries that deliver sustainable environmental outcomes and attract investment

OPERATING MODEL

Provide grants to novel, first in kind technology demonstrations & energy efficiency incentives for Alberta's businesses

MISSION

Reduce emissions & grow Alberta's economy by accelerating the development & adoption of innovative technology solutions

We support a host of technologies to achieve broad environmental and competitiveness improvements:

- Decarbonization
- Energy efficiency
- Recycling
- Water treatment
- Soil remediation



Lean, low-cost administration – providing good value for Albertans



Lab Services Incentive Program

Program Overview

What is LSIP?

ERA's **Lab Services Incentive Program** covers up to 50% of the cost of specialized lab services at Alberta post-secondary institutions.



Supports greater efficiency in working with research institutions



Improves affordability for SMEs



Supports early-stage technology development



Lessons from the LSIP Pilot



24

cleantech projects funded



100%

of projects completed



94%

of clients would recommend
LSIP

\$1 million pilot delivered through the University of Alberta, University of Calgary, and University of Lethbridge



Why LSIP Matters for SMEs



Validate performance

Prove your technology works



Test and analyze

Access specialized lab equipment



Improve prototypes

Refine designs with expert input



Generate data

For customers, investors and funders



Commercialize

Move closer to market



Advance TRL

Move up the readiness scale



Eligible Lab Services

1

Experimental design

2

Empirical studies

3

Sampling

4

Testing

5

Imaging

6

Characterization

7

Compositional analysis

8

Prototyping



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Funding Available

Program Overview

Funding at a Glance



Up to 50%

of eligible lab-service
costs



\$50,000

maximum per project



\$100,000

maximum per company
over 3 years



\$1.5M

available each year



Continuous intake until September 30, 2029, or until funding is fully committed



What It Means for Your Project

Eligible project cost	ERA pays	You pay
\$20,000 (minimum)	\$10,000	\$10,000
\$50,000	\$25,000	\$25,000
\$100,000	\$50,000	\$50,000
\$150,000	\$50,000 (capped)	\$100,000



Your share must be paid in cash. In-kind contributions are not accepted.

Figures are illustrative; ERA confirms final amounts at approval.



Poll Question

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Who is Eligible?

Program Overview

Who Is Eligible?



For-profit enterprise

Not-for-profits are not eligible



499 employees or fewer

Pre-revenue companies are welcome



Alberta footprint

Material and demonstrable (incorporation in Alberta is not required)



Technology fit

Aligns with at least one ERA focus area



ERA Technology Focus Areas



**Enhanced
Efficiency**



Energy Systems



**Industrial
Frontiers**



**Circular
Economy**



**Carbon
Management**

www.eralberta.ca/about-era/technology-roadmap/



ERA Technology Focus Areas



Enhanced Efficiency

DEFINITION

Lab services that validate technologies improving energy and resource productivity, asset performance and durability, methane detection and mitigation, and digital / AI-enabled optimization.

EXAMPLE TECHNOLOGIES / LAB SERVICES

Digital twins & AI process optimization

Methane detection and measurement

Building and industrial energy performance

Advanced sensing and predictive analytics

Equipment coatings & asset-life extension



ERA Technology Focus Areas



Energy Systems

DEFINITION

Lab services validating emerging clean energy generation, storage chemistries and materials, hydrogen carriers, fuel cells, renewable / next-generation fuels, energy supply and distribution resiliency, and grid-enabling technologies.

EXAMPLE TECHNOLOGIES / LAB SERVICES

Energy storage & battery materials

Solid-oxide fuel cells

Renewable & low-carbon fuels (SAF, diesel)

Hydrogen carriers (e-LOHC)

Grid modernization & distribution



ERA Technology Focus Areas



Industrial Frontiers

DEFINITION

Lab services supporting advanced materials and manufacturing, novel low-emissions industrial processes, feedstocks, products critical minerals, and agriculture / forestry technologies.

EXAMPLE TECHNOLOGIES / LAB SERVICES

Advanced materials (graphene, carbon fibre, alloys)

Additive manufacturing

Low-carbon cement & SCMs

Critical-mineral processing

Precision agriculture & ag-diagnostics



ERA Technology Focus Areas



Circular Economy

DEFINITION

Lab services validating recycling and upcycling, low-embodied-carbon and bio-based materials, waste valorization, water treatment and conservation, and remediation / reclamation.

EXAMPLE TECHNOLOGIES / LAB SERVICES

Circular & bio-based materials

Water treatment (nanoflocculants, nanobubble)

Waste-stream valorization & stripping

Soil / land & ecosystem restoration



ERA Technology Focus Areas



Carbon Management

DEFINITION

Lab services validating carbon capture, removal, sequestration and conversion into value-add products, mineralization, and the measurement and enhancement of natural carbon sinks (soil, forest).

EXAMPLE TECHNOLOGIES / LAB SERVICES

Carbon capture & conversion (CO₂-to-products)

Biochar

Mineralization

Soil / forest carbon measurement & enhancement



How to Access LSIP

Program Overview

Participating Institutions



**UNIVERSITY
OF ALBERTA**



**UNIVERSITY OF
CALGARY**



University of
Lethbridge



Red Deer
Polytechnic



OLDS COLLEGE
OF AGRICULTURE & TECHNOLOGY



**LETHBRIDGE
POLYTECHNIC**



Contact details for each institution are on the LSIP webpage



How the LSIP Process Works



Frequently Asked Questions

Do I apply directly to ERA?

No. The participating institution applies on your behalf.

Does LSIP cover the full cost?

No. Up to 50% of eligible costs, to a maximum of \$50,000 per project.

Is it a competition?

No. Intake is continuous i.e. first-come, first-served for complete applications.

Should I be incorporated in Alberta?

No, but you need a material, demonstrable Alberta footprint.

Questions?

Please submit your questions using the Questions pane- we'll take a few now.

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Ready to Get Started?



Unanswered questions?

Contact our program team: LSIP@eralberta.ca



Learn more online

Guidelines, FAQs and institution contacts: eralberta.ca/lcip



Missed something?

The recording and slides will be emailed to all registrants





THANK YOU

Visit eralberta.ca/lcip for more information

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