

Emissions Reduction Alberta

Beyond the Website



**Maximizing Cleantech
Funding Potential**



Mark Summers
Chief Innovation Officer



What you'll hear from me

1. About ERA (who we are)
2. Our role in the ecosystem (what we do)
3. Our funding programs (how we do it)
4. Advice for applicants (what you can do)
5. What's next? (what you can expect)

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Emissions Reduction Alberta (ERA)

MANDATE

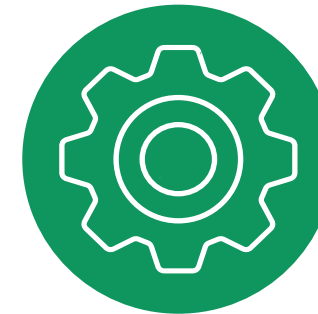
Reduce GHG emissions and grow Alberta's economy by accelerating the development and adoption of innovative technology solutions.

VISION

Alberta has competitive industries that deliver sustainable environmental outcomes, attract investment, and are building a diversified, lower emissions economy.

STRATEGIC PRIORITIES

- 1 ACCELERATE TECHNOLOGY
- 2 DRIVE COMMERCIALIZATION
- 3 MAXIMIZE IMPACT



Alberta

EMISSIONS
REDUCTION
ALBERTA

Who we are

OUR TEAM

- 18 employees
 - Edmonton
 - Calgary
- New CEO in 2022!: Justin Reimer
- Accomplished Board of Directors
- Network of service providers
- Technical expertise from **Alberta Innovates**
- Close relationship with GoA

YOUR BIGGEST CHEERLEADERS

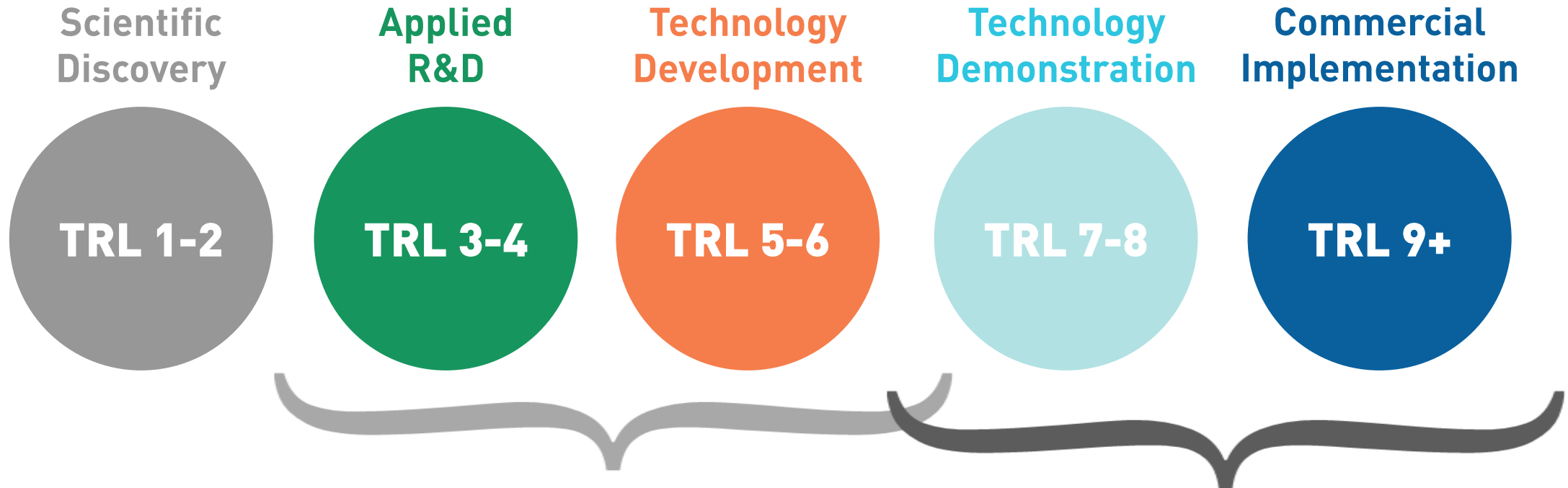
Our team develops deep relationships with recipients.

We're proud of the work we support with cleantech innovators and love sharing your stories.

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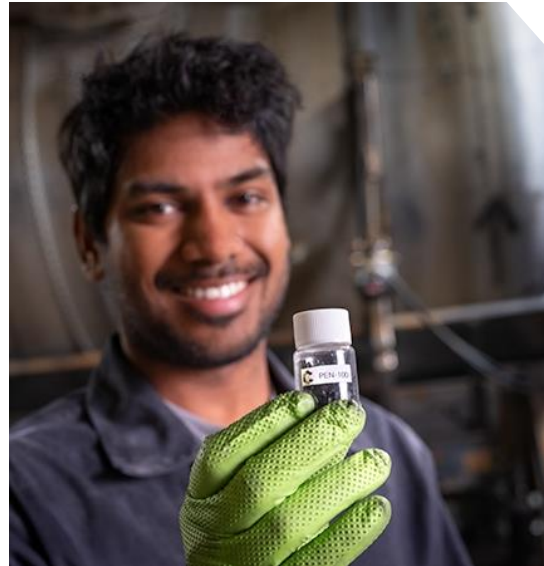
The projects we fund



 ALBERTA INNOVATES

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The innovators we support



MUNICIPALITIES



LARGE
INDUSTRIAL EMITTERS



SMALL & MEDIUM
ENTERPRISES



NOT-FOR-PROFITS



POST SECONDARY
INSTITUTIONS



RESEARCH
ORGANIZATIONS

TECHNOLOGY ROADMAP



FOURTH EDITION, JUNE 2022

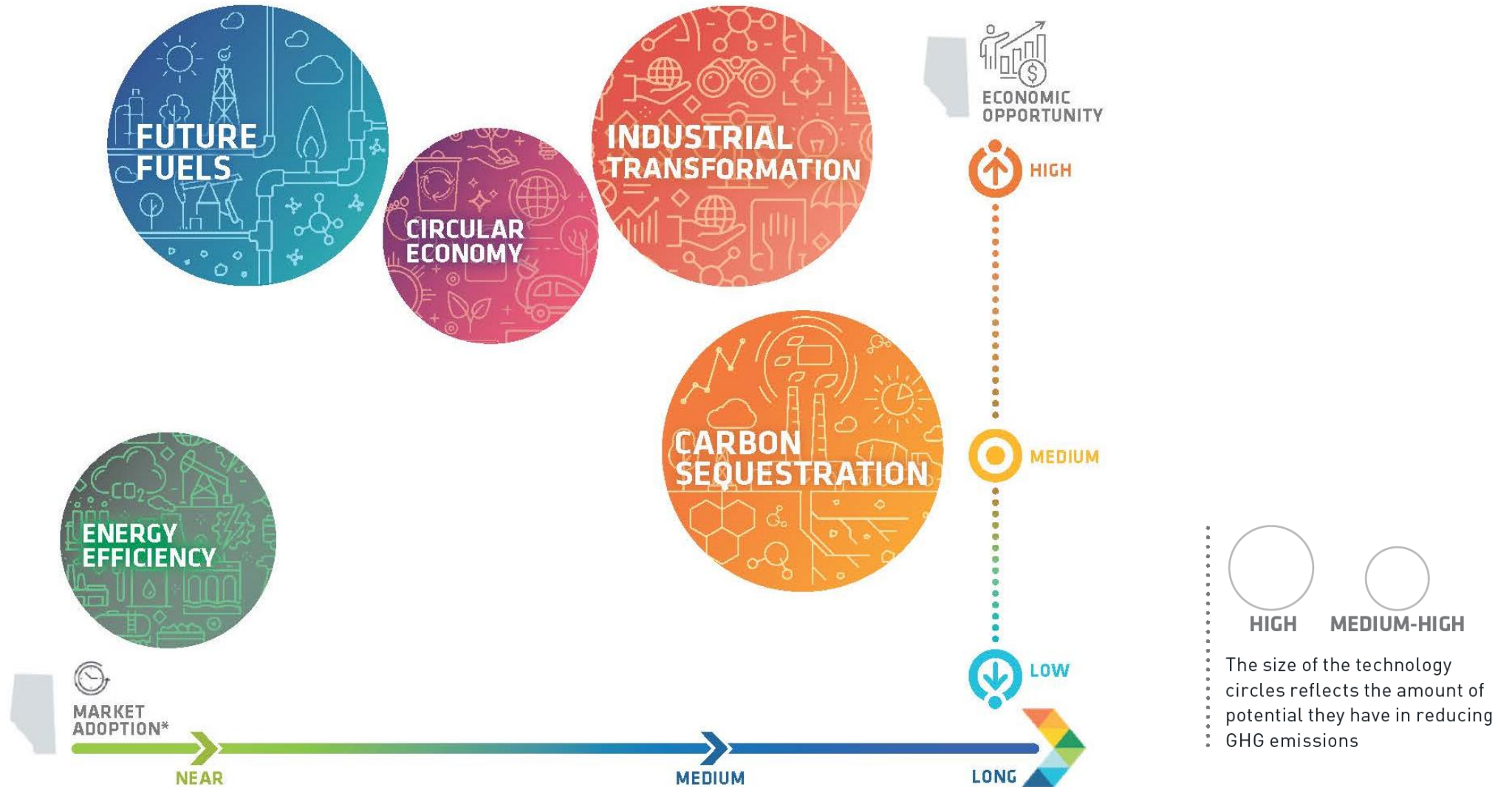
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Key Principles

1. Leveraging Alberta's unique strengths
2. Acting with the end in mind
3. Reading the guideposts
4. Taking a portfolio approach
5. Pursuing factors beyond technology
6. Aligning the system

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Technology Roadmap Focus Areas



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ERA's Funding Programs

Technology Innovation

1. Funding Competitions (Calls for Proposals)
2. Partnership Intake Program (Continuous Intake)

Technology Adoption

3. Energy Savings for Business Program (ESB)
 - Expanded Technologies Pilot (ETP)
 - Small-Producers Energy Efficiency Deployment (SPEED)

Calls for Proposals

- Guided by market needs and provincial priorities
- Open and competitive
- Detailed guidelines document
- Applicant webinar
- Two-stage evaluation process
- Fairness monitor oversight
- ~\$0.5-\$10M per project
- 1:1 fund matching

ERA Call for Proposals Process

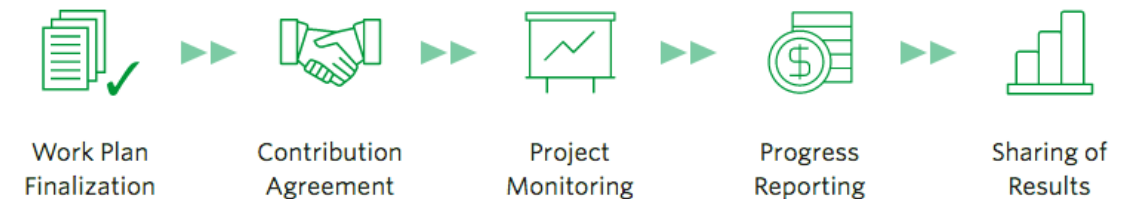
1 EXPRESSION OF INTEREST (EOI) STAGE



2 FULL PROJECT PROPOSAL (FPP) STAGE



3 PROJECT EXECUTION STAGE





CARBON CAPTURE KICKSTART



CIRCULAR ECONOMY CHALLENGE



SHOVEL-READY CHALLENGE



INDUSTRIAL TRANSFORMATION CHALLENGE

*\$50 million for game-changing technology
in existing and new industries*



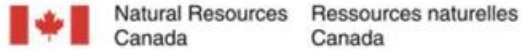
PARTNERSHIP INTAKE PROGRAM

Partnership Intake Program

Evaluation of projects referred by Trusted Partners

- **Ongoing process:** no deadline
- **Referral basis:** not an open solicitation
- **Funding per project:** \$500k to \$5M*
- **Same 2-stage review process calls**
- **Program guide on web:** eralberta.ca

ERA's Trusted Partners



[through the Canada First Research Excellence Fund]

[through the Canada First Research Excellence Fund]



Energy Savings for Business (ESB)

- Launched Feb 2020
- Up to \$1M for Alberta businesses
- Funding for eligible technologies
- Open to new applications

Expanded Technologies Pilot (ETP)

- Launched December 2021
- Technologies not supported through ESB
- Open to new applications

Small Producers Energy Efficiency Deployment (SPEED)

- Launched March 2022
- Expanded eligibility for oil and gas producers
- Application window closed May 2022



ENERGY SAVINGS FOR BUSINESS

Investing to keep businesses competitive

Alberta

Canada

With funding support from Canada's
Low Carbon Economy Fund (LCEF)

Knowledge sharing and dissemination

CARBON COPY

get it on Soundcloud available on iTunes listen with Google Play

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This banner features the title 'CARBON COPY' in large, bold, white letters with a blue outline on a dark blue background. Below the title are three circular icons representing Soundcloud, iTunes, and Google Play, each with its respective text. The Emissions Reduction Alberta logo is in the bottom right corner.



LESSONS LEARNED WORKSHOP

The graphic features a purple background with white and yellow icons representing a notebook, a lightbulb, a bar chart, a gear, a magnifying glass, and a network diagram. The text 'LESSONS LEARNED WORKSHOP' is written in white, bold, uppercase letters on the right side.



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Top 3 Pieces of Advice

- Step by step guide:
 1. Read the program guide document
 2. Look at our project portfolio: eralberta.ca
 3. Attend the webinar
 4. Register an account on our intake portal: eraadmin.ca or esbprogram.ca
 5. Send questions to: applications@eralberta.ca or support@esbprogram.ca
- We work closely with our ecosystem partners
- Our mandate revolves around GHG benefits for Alberta
 - Can come in different forms

Come talk to us!

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BUSINESS PLAN 2022-25

Future funding

ERA's 2022-25 Business Plan identifies new competitive funding opportunities in key areas:

- Industrial transformation (open for applications)
- Reshaping energy systems
- Fuels of the future
- Hydrogen (in partnership with the Hydrogen Centre of Excellence led by Alberta Innovates)

Before launching any funding initiative, we convene stakeholders to ensure the greatest outcomes.

Responding to ecosystem needs

Based on feedback from innovators and stakeholders

- Enhancing Partnership Intake Program
- Streamlining application process
- Other potential funding mechanisms



THANK YOU!

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