



TIER Economic Recovery Program

Bryan Helfenbaum
Executive Director
Advanced Hydrocarbons

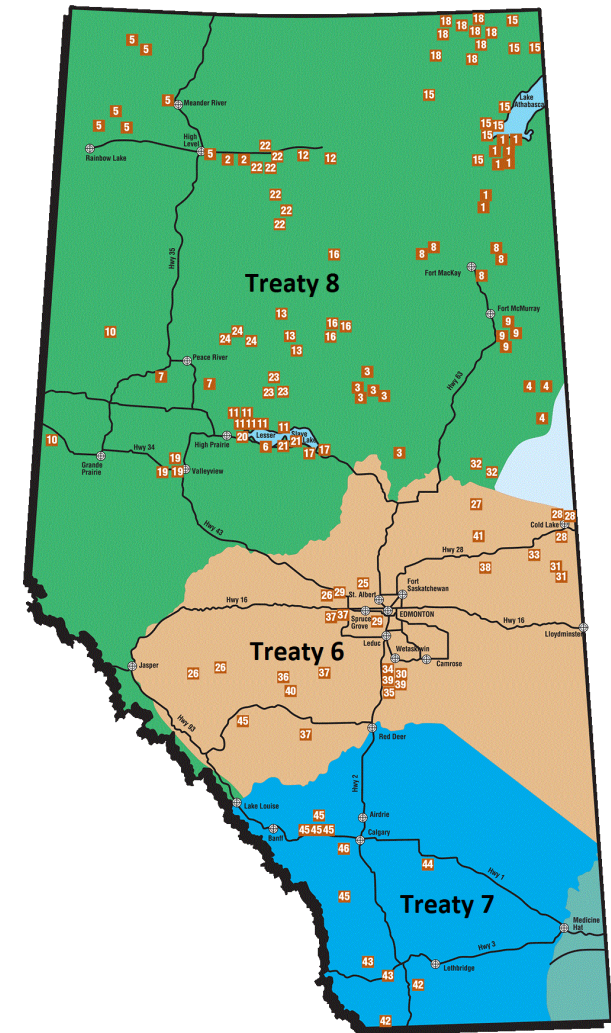
Brett Purdy
Executive Director
Environmental Innovation

Nov 4 2020



Acknowledgement

- We would like to respectfully acknowledge that this webinar is being presented to you from Treaty 6 and 7 territories and reaching Treaty 8 territory also; all traditional lands, meeting grounds, and travelling routes of First Nations and Métis people.
- We acknowledge all the many First Nations, Métis, and Inuit whose footsteps have marked these lands for centuries, and whose presence continues to enrich our vibrant communities.





Agenda

- Housekeeping
- Alberta Innovates Overview
- TIER Program Overview
- Eligibility
- Evaluation Criteria
- Application Process
- Program Comparison
- Tips & FAQs
- Q&A



Housekeeping

- Microphones are muted
- Slides will be posted
- Video link of this webinar will be available
- Type your Questions into the “Q&A” panel anytime
 - Please scan existing questions to avoid duplication
- Questions will be addressed at the end

ALBERTA INNOVATES

At-A-Glance

2

Subsidiaries
G-FER Technologies
Innotech Alberta



Investment
of \$189 million
for 2020-21



558

Employees

Alberta Innovates 219
G-FER 99
InnoTech Alberta 240



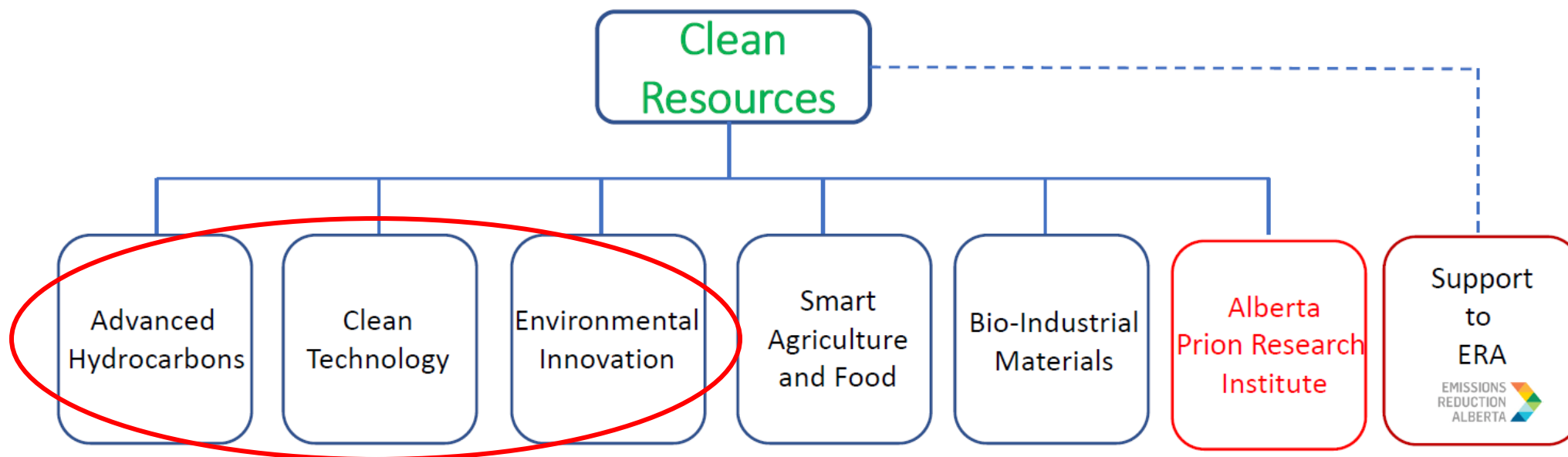
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Locations

“Alberta’s research and innovation engine, solving problems, creating possibilities”



CLEAN RESOURCES





Equity, Diversity and Inclusivity

- We believe the Alberta Research and Innovation ecosystem is stronger and more sustainable when it is broadly representative of the overall **diversity** of our community
- We strive to ensure that all interested and qualified parties have an **equitable** opportunity to participate and contribute to the ecosystem and that our processes are inclusive



TIER Background

- Funded by the Technology Innovation & Emissions Reduction program
- \$50M of funding available from Alberta Innovates
 - Component of the \$750M TIER distribution announced Sept 22
- Program Goals
 - Greenhouse Gas Reduction (immediate & long-term)
 - Job Creation (immediate & long-term) and other Economic Benefits
 - Improve Cost Competitiveness
- Continuous Intake approach processed in “cohorts”
 - Potential for all funds to be distributed in Cohort 1



Project Eligibility – The Dealbreakers

- Must commence within **45 days** of funding approval and be complete before March 2023
- Quantifiable economic benefits and GHG reductions
- Aligns with AI Clean Resources program areas
- \geq **80%** of jobs and expenses occur in Alberta
- **TRL 4 to 7**
- Applicant & Partners provide minimum 25% of project costs (incl in-kind)
- Minimum funding request \$200,000
- Maximum funding request \$5,000,000



Project Eligibility – Strong Considerations

- End User involvement
- Collaboration and Knowledge Sharing
- Matching funding
- Engagement with Alberta's Post-Secondary Institutions
- Direct GHG reductions



Evaluation Criteria

- **THE INNOVATION**

- Innovation Opportunity
- Market Opportunity
- Commercialization Pathway

- **PROJECT MANAGEMENT**

- Work Plan, Tasks, and Deliverables
- Budget and Funding Commitment
- Project Team
- Risk Analysis & Mitigation

- **IMPACT / OUTCOMES**

- Economic Impacts to Alberta
- Environmental Impacts
- Social Impacts

Timeline – Cohort 1

	Cohort 1
Announcement	Oct 27
Webinar	Nov 4
Intake Cutoff	Nov 16
Full Proposal Cutoff	Nov 30 @ 5pm MST
Reviewer Questions Submitted to Applicants	Dec 11
Reviewer Responses Due	Dec 15
Notification Letters	Jan
Contracting	Jan/Feb
First Payments	Mar

Process Overview

Applicant

Alberta Innovates

Reviews Program Guide

SmartSimple (SS) Registration

Submits Intake Form

Finds Full Proposal form in SS

Prepares Full Proposal

Submits Full Proposal

Evaluates Intake Form

Notification to Advance

Provide high-level feedback (once)

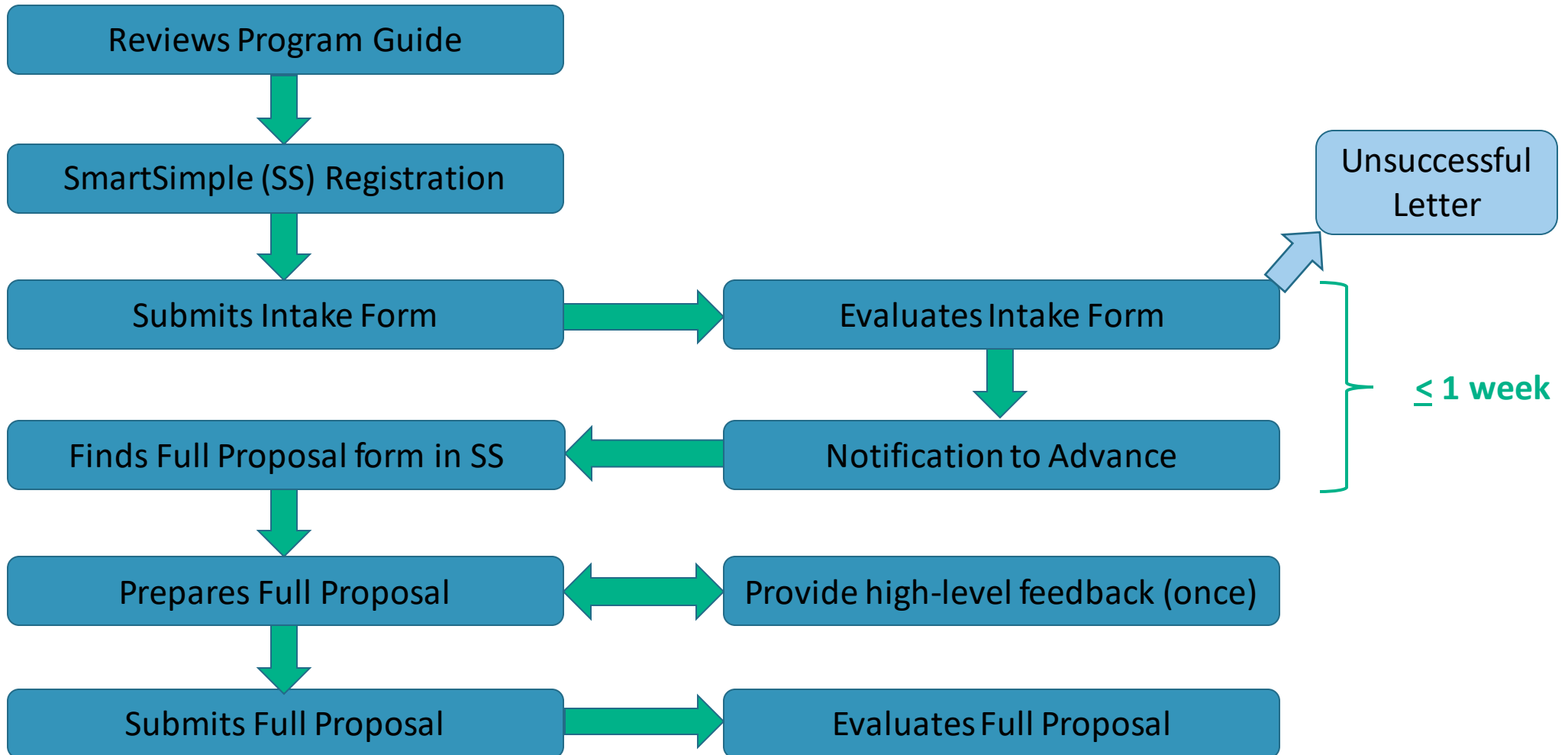
Evaluates Full Proposal

Unsuccessful Letter

≤ 1 week

Deadline: Nov 16

Deadline: Nov 30
5pm MST





Next Steps

- Read the Program Guide and Application Guide
 - <https://albertainnovates.ca/programs/tier-economic-recovery-program/>
- Register on SmartSimple and submit the Clean Resources Intake Form
 - https://albertainnovates.smartsimple.ca/s_Login.jsp



Login

✉ Email

🔑 Password

Login

[Forgot Password?](#)

New to the System?

Register

Welcome to Alberta Innovates Portal

Alberta Innovates delivers 21st-century solutions for the most compelling challenges facing Albertans. We work closely with government, industry, academia and others to support and accelerate innovation from the generation of ideas, through applied testing and validation, to commercialization or end use, across all of Alberta's key sectors. We enable researchers, entrepreneurs and industry to test and grow their ideas, products and businesses in lasting ways to positively impact the province's economy, the environment and the quality of life for all Albertans.

Our new Portal enables you to seamlessly manage and view all of your funding-related interactions with us, from creating and submitting your application, to reports on results easily and efficiently, and everything in between.

We recommend browsers such as Google Chrome, Firefox, Safari, or Microsoft Edge for the best experience. Internet Explorer is not supported.



Registration

I am a representative of a(n):

Academic Institution - Alberta

Academic Institution - Other

For-Profit Organization - SME

For-Profit Organization - Other

Government Entity - Alberta and Affiliates

Government Entity - Other

Non-Profit/Not-for-Profit Organization

What should I choose?

Organization Information



Instruction

Complete the fields below to complete your registration.

Use the below lookup field to find your organization if it has already been registered in our system. If you cannot find your organization, please click [here](#).

* Legal Name



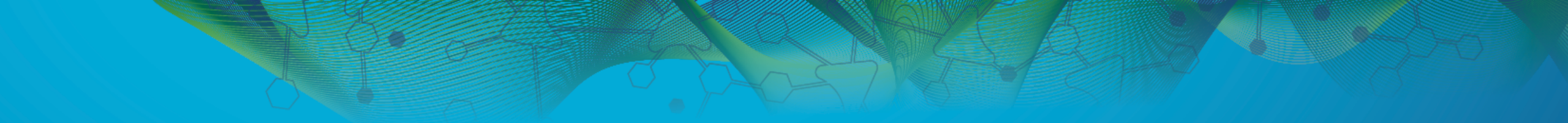
Organization

If you select a company from the search above, please navigate to the Organization page after registration and verify that all of the information is up-to-date and complete.

Contact Information

* First Name

* Last Name



Registration Complete

Thank you for registering. You will receive an email with a link to log into the portal.

[Click here to return to main login page](#)

Account Activation

New Password:

.....



Confirm Password:

.....



Policy:

Password must have at least 6 characters



I'm not a robot



reCAPTCHA
[Privacy](#) • [Terms](#)

Submit

Welcome Doc Brown



Organization Profile



Personal Profile



Change Password

Applications

Click here to view all of your applications.

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Funding Opportunities

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Draft Applications

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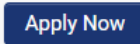
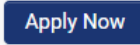
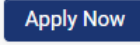
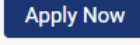
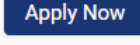
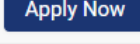
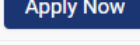
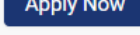
Submitted Applications

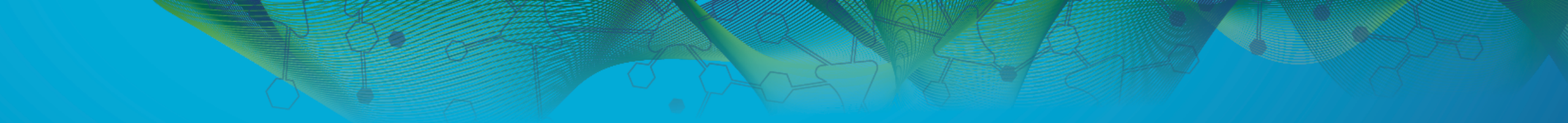
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Approved/Declined
Applications

Funding Opportunities

x  1-13 of 13  

Program Name	Competition Name	Competition Deadline	Program Home Page
Innovation Relief and Recovery Program	Innovation Relief and Recovery Program Competition	02/11/2020	Link 
Health Innovation Continuous Intake	Health Innovation Continuous Intake		Link 
Graduate Student Scholarships	Graduate Student Scholarships 2020/21	31/03/2021	Link 
Product ScaleUp Program	Product ScaleUp Program Pilot	13/11/2020	Link 
Strategic Networking & Development	Strategic Networking & Development Continuous Intake		Link 
AbSPORU Graduate Studentship	AbSPORU Graduate Studentship 2020/2021	23/10/2020	Link 
ImplementAB.digH	ImplementAB.digH Continuous Intake		Link 
Clean Resources Continuous Intake	Clean Resources Continuous Intake		Link 



202101520


Application ID: 202101520

Program Name: Clean Resources Continuous Intake



Cycle Name: Clean Resources Continuous Intake

The red * before a question indicates that it is mandatory for submission.

 Generate Application PDF

INSTRUCTIONS AND DISCLAIMER ELIGIBILITY **PROGRAM** APPLICANT INFORMATION REPRESENTATIVE INFORMATION NON-CONFIDENTIAL SUMMARY PROJECT OVERVIEW ATTACHMENTS CONSENT

* Please select the Program you are interested in applying for:

TIER Economic Recovery ▼

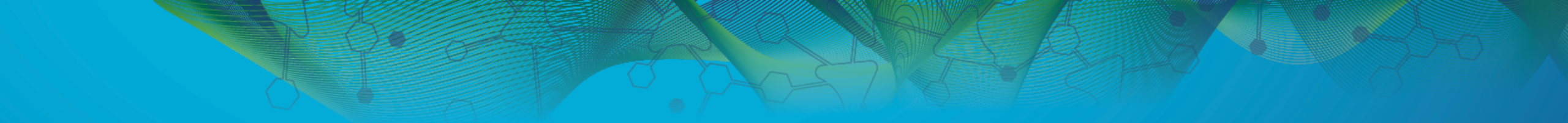
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Save Draft

✓ Submit Application

Withdraw Application



202101520


Application ID: 202101520

Program Name: Clean Resources Continuous Intake

Cycle Name: Clean Resources Continuous Intake

5 Pages Max

The red * before a question indicates that it is mandatory for submission.

 Generate Application PDF

- INSTRUCTIONS AND DISCLAIMER
- ELIGIBILITY
- PROGRAM
- APPLICANT INFORMATION
- REPRESENTATIVE INFORMATION
- NON-CONFIDENTIAL SUMMARY**
- PROJECT OVERVIEW
- ATTACHMENTS
- CONSENT

* Project Title


Flux Capacitor 2.0


* Project Summary

This is a brief, non-confidential summary of the opportunity, the activities to be performed during the term of a possible investment and the anticipated outcomes . Do not include information which may be considered confidential as this summary may be published by Alberta Innovates. Confidential information can be provided in the remaining sections of the Application.

Improve on the flux capacitor designed in 1955, field test to skip from 2019 to 2021

284 words left

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NEXT 

- Save Draft
- ✓ Submit Application
- Withdraw Application

Welcome Doc Brown



Organization Profile



Personal Profile



Change Password

Applications

Click here to view all of your applications.

13

Funding Opportunities

0

Draft Applications

0

Submitted Applications

0

Approved/Declined
Applications

Submission Manager **Grant**

Application ID: 202100122

Application Type: TIER 2020

Applicant: SillyWalks [↗](#)

Status: Draft Application

Applicant Representative: Brett Purdy [↗](#)

Project Advisor:

FP Submission Date: 04/05/2020

Created By: Roger Lindenbach

Created Date: 01/05/2020 13:19

Modified By: Roger Lindenbach

Modified Date: 29/09/2020 12:01

Project Title: An order from Her Majesty the Queen to Commence Silly Walking Zones

[Generate Application PDF](#)

Send External Emails To: 23-2475d9-9de9f-ca-977a189@smartsimple.com

[← UNITY](#) [MARKET OPPORTUNITY](#) [PROPOSED COMMERCIALIZATION PATHWAY](#) [PROJECT OVERVIEW](#) [PROJECT WORKPLAN, BUDGET AND TEAM](#) [PROJECT RISK ANALYSIS AND MITIGATION](#) [→](#)

In this section, describe the proposed Innovation related to this Application.

▼ Problem/Challenge To Be Addressed

Explain and quantify the problem/challenge that this Innovation aims to address:

Consider the problem/challenge the Innovation aims to solve. Explain the seriousness of the problem from a customer/end user perspective. Describe any current actions/initiatives currently addressing the problem.

▼ Description of the Innovation

Provide a detailed description of the Innovation and how it may resolve the problem stated above:

[← BACK](#)

ults from literature reviews, previous studies and previous use of the Innovation to support its viability as a solution, along with a description of its current status. Provide an explanation of the novelty or un

[NEXT →](#)



CBC.ca

Alberta empties TIER fund to invest in emission-reducing innovation

The Alberta government is spending \$750 million from its Technology Innovation and Emissions Reduction (TIER) fund to support projects that ...

2 weeks ago



Going on a tear with TIER: Alberta government announces more emission reduction programs

Going on a tear with TIER: Alberta government announces more emission reduction programs. Author of the article: Ashley Joannou. Publishing ...

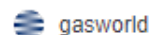
19 hours ago



\$50 million in grants for energy efficiency projects latest to get TIER funding

\$50 million in grants for energy efficiency projects latest to get TIER funding ... by Alberta Innovates to projects that help reduce methane emissions and ... Sign up to receive daily headline news from the Edmonton Journal, ...

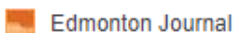
1 week ago



Government of Alberta invests in CCUS | News | gasworld

As part of its Technology Innovation and Emissions Reduction (TIER) fund, the Alberta Government is investing in carbon capture, utilisation ...

2 weeks ago



Alberta government giving \$9 million in funding to Edmonton AI company

... for the Alberta Machine Intelligence Institute (Amii), announced Friday, ... the Technology Innovation and Emissions Reduction (TIER) system ...

3 weeks ago



Alberta to spend \$53 million on flood mitigation with funding to protect Edmonton's water treatment plants

The announcement is the latest in a series from the government on ... the \$750 million Technology Innovation and Emissions Reduction (TIER) ...

3 hours ago



Program Comparison

	TIER @ AI	TIER @ ERA	TIER @ IEE	CRIN
Focus	Shovel-Ready Energy & Cleantech	Large-Scale Shovel-Ready	CCUS & Energy Efficiency	Hydrocarbon Energy
TRL	4 – 7	7 – 9	8 – 9	5+
Total Program	\$50M	\$150M	\$80M	\$80M
Funding Amount	\$200k - \$5M	\$2M – \$15M	Up to \$20M	TBD
Funding %	Up to 75%	Up to 50%	Up to 75%	TBD
Stage 1 Proposals due	Nov 16	Dec 22	-	2021
Stage 2 Proposals due	Nov 30	Mar 2021	Oct 30	2021



Advice for Preparing a Successful Proposal

- Read the Program Guide and the Application Guide
- Use clear and concise language
- Address each question in the application and read the question guidance carefully
- Clearly identify the status quo and competing technologies
- Have a credible and quantifiable GHG reduction narrative
- Have a credible and quantifiable jobs and economic value narrative
- Clearly identify the Alberta impact context
- Don't wait until the last day to submit!



FAQs

1. What types of organizations are eligible?
2. What types of projects are you seeking?
3. Can projects or funding occur outside the province?
4. What if our other funding sources aren't secured yet?
5. Will there be another opportunity to apply after Nov 30?



Contacts

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