METHANE REDUCTION DEPLOYMENT PROGRAM

Program Launch

November 27, 2025

EMISSIONS REDUCTION ALBERTA

Alberta

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.

Housekeeping

- ✓ Microphones are muted
- ✓ If you called in, select “telephone” and enter audio PIN
- ✓ Type questions into the “Questions” section of the control panel
- ✓ We will try to answer as many questions as possible
- ✓ If you have technical difficulty during the webinar, it is being recorded and will be posted on our website

METHANE REDUCTION DEPLOYMENT PROGRAM

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Agenda

- About
  - Emissions Reduction Alberta (ERA),
  - Modern West Advisory (MWA), and
  - Methane Emissions Leadership Alliance (MELA)
- Program Overview
- Eligibility Criteria
- Applicant Journey
- Q&A
- Next Steps

METHANE REDUCTION DEPLOYMENT PROGRAM | EMISSIONS REDUCTION ALBERTA | Alberta

Speaker Introduction

Luca Jungen

Director of Efficiency Program Delivery at ERA

Blake Wickland

Executive Director at MELA

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ERA-AT-A-GLANCE

VISION

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

MISSION

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

OPERATING MODEL

Provide grants to novel, first-of-kind technology demonstrations and energy efficiency incentives for Alberta's businesses.

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Supported by the Government of Alberta

- ERA receives its funding from the Government of Alberta through the Technology Innovation Emissions Reduction (TIER) Fund.
- ERA's Board and Management prioritize alignment with the Government of Alberta and ensure strong ties and collaboration at all levels.

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Alberta's Leadership in Reducing Methane

- Alberta has reduced 52% of methane emissions from conventional oil and gas sector since 2014
- Province was first to put requirements on emissions from flaring
- First jurisdiction in North America to set methane emissions reduction target for oil and gas sector

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MODERN WEST
ADVISORY

Solving complex carbon problems

Carbon Markets

Asset Optimization

GHG Accounting

Decarbonization Pathways

Research

Innovation & Technology

Sustainability

Disclosure Impacts

Global, multi-sector carbon consulting

Modern West Advisory (MWA) offers pragmatic business solutions for organizations to navigate the carbon economy.

Our expertise in carbon markets, greenhouse gas emissions quantification, and corporate sustainability practices allows us to build lasting partnerships with clients to minimize risk across the company's asset and investment portfolios.

www.modernwestadvisory.com

About MELA

mela
Methane Emissions
Leadership Alliance

MELA is a membership driven Not for Profit built around the core regulated components of Oil and Gas operations with a member focus on Service and Technology Providers. We ensure that our partners and interested stakeholders can come to MELA for solutions, data, or insight into all compliance and carbon market matters.

Strengthening our valued industry through the reduction of methane emissions is what we strive for every day.

Technology. Partnerships. Innovation.

METHANE REDUCTION DEPLOYMENT PROGRAM

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Methane Reduction Deployment Program

Program Overview

Emissions Reduction Alberta's Methane Reduction Deployment Program will help Alberta-based owners and operators of upstream and midstream oil and gas facilities deploy technology that reduce, detects and quantifies methane emissions.

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Program Highlights

Program duration:

- November 12, 2025, to March 31, 2029 (or until funding is fully allocated)

Funding:

- Up to 50% of eligible project costs—to a maximum of $1 million per project
- $1 million cap per parent company
- Minimum funding request of $25,000
- A total of $22.4 million in funding available

Supported technologies:

- Focused on commercial-ready solutions

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Eligible Participants

- Upstream and midstream Oil & Gas
- Located in Alberta
- Ability to legally conduct business in Alberta
- Be part of an aggregate facility OR not regulated under TIER
- Must accept all program T&C's and meet eligibility & compliance requirements

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Eligible Projects

- Started on or after January 1, 2025
- Consists of implementing one or more Eligible Technologies at an Eligible Facility
- Be completed on or before the Project Completion Date
  - Within two years of acceptance
  - No later than March 31, 2029

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Eligible Costs

- Must be incurred between November 12, 2025, and March 31, 2029
- Eligible costs include:
  - FEED (no more than 10%)
  - Overhead, Admin, Internal Expenses (no more than 15%)
  - Project equipment
  - Construction equipment
  - Labour
- Refer to the Project Cost Guide for detailed information

Eligible Contractors

- Service Providers, Technology Providers, Engineering companies and Consultants and more are all key to the success of the program.
- An Eligible Contractor is any business that provides a technology or service to a Participant within the program.
- Registration as an Eligible Contractor ensures that Participants can select the provider(s) they need during the application process.
- Eligible Contractors are required to be:
  - Licensed for business in Alberta
  - Have a WCB Clearance letter available
  - Carry the necessary insurance
  - Have an active GST number
  - Act in accordance with the Eligible Contractor Code of Conduct
  - Be registered and approved by the program

Eligible Technologies 1/2

- Technology Type A – Methane Slip from Engine Operations
  - Lean burn to rich burn engine – replacement
  - Optimize engine/system performance (e.g., Load optimization)
  - Exhaust methane destruction (e.g., Catalytic conversion)
  - Fuel switching/blending
  - Retrofits (e.g., Ingestive crankcase controls, closed breathers)
- Technology Type B – Routine Venting from Tanks and Compression
  - Storage tank vapour recovery for destruction
  - Storage tank vapour recovery for conservation
  - Compressor retrofits
- Technology Type C – Pneumatics
  - Electrification
  - Instrument Natural Gas to other non-GHG emitting gas
  - Pneumatic device vent capture
  - Low to no bleed conversion

Eligible Technologies 2/2

- Technology Type D – Surface Casing Vent Flow
  - Down hole solutions – below 300m3/d
  - Capture solutions (e.g., Adsorbents, catalytic oxidation)
- Technology Type E – Casing Gas Capture
  - Casing gas conservation
  - Casing gas destruction (e.g., Combustor)
- Technology Type F – Digital Solutions
  - Advanced process control and optimization
  - Emerging Artificial Intelligence and Machine Learning tools
- Technology Type G – Other
  - High slippage from natural gas fueled building heaters
  - Natural gas fired heater optimization
  - Power generation from captured gas
  - Solution gas management (e.g., Capture, conservation, destruction)

Access the Online Application Portal

eralberta.ca/methane-reduction-deployment-program/

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IMPACT PROJECTS FUNDING ABOUT

Home > Methane Reduction Deployment Program

Home | Resources

Emissions Reduction Alberta's (ERA) Methane Reduction Deployment Program is designed to help Alberta's oil and gas industry cut methane emissions faster and more cost-effectively. Funded through Alberta's Technology Innovation and Emissions Reduction (TIER) system, the program supports the deployment of commercial-ready technologies that detect, measure, and reduce methane. The program will continue until March 31, 2029, or until funding is fully allocated.

By providing up to 50% of eligible project costs–to a maximum of $1 million per project–ERA is making it easier for producers to act now, strengthen competitiveness, and demonstrate leadership in responsible energy production. With a focus on commercial-ready solutions, the program aims to significantly cut methane emissions while supporting economic growth and regulatory readiness.

ERA's Methane Reduction Deployment Program runs concurrently with the NGIF Accelerator's new Methane Reduction Demonstration Program, a $7 million initiative designed to advance near-commercial technologies. ERA and NGIF will work closely to deliver these two separate and distinct offerings in support of industry.

Ready to get started?

Register on the portal.

REGISTER/LOGIN

Register for the webinar

Learn more about the program at our informational webinar

REGISTER NOW

Newsletter

Be the first to know about program updates.

SIGN UP

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Register

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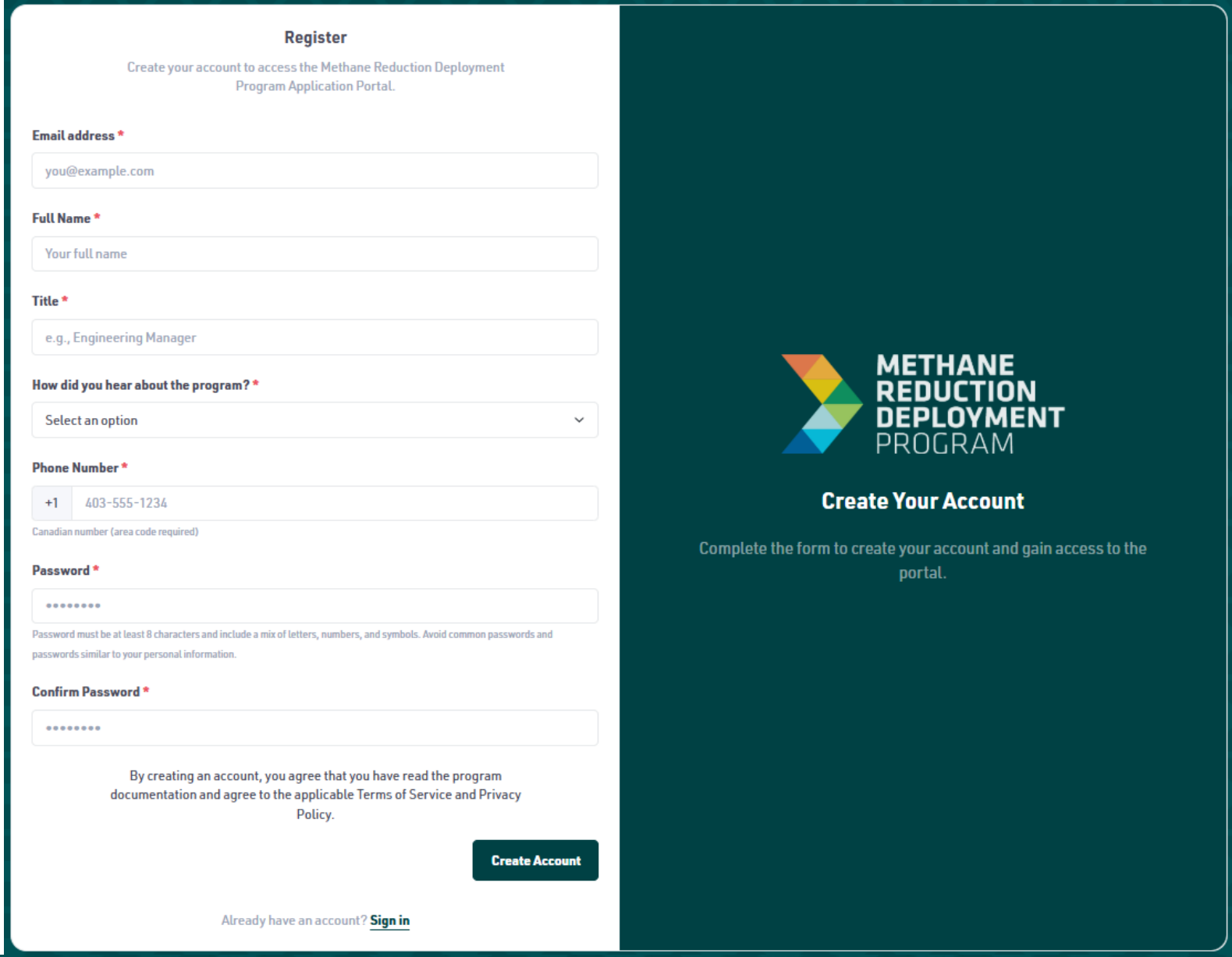
Create an Account

1. Create your account
2. Verify your email
3. Sign in to create a company profile or request access to an existing company



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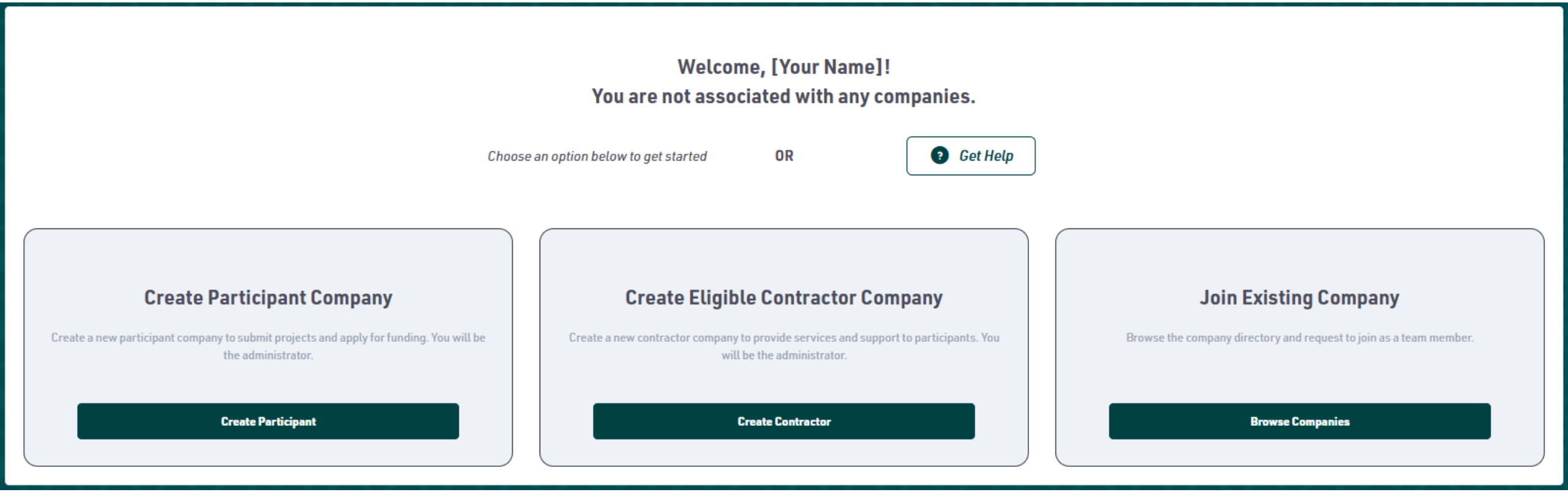
Create your Profile or Join an Existing Company



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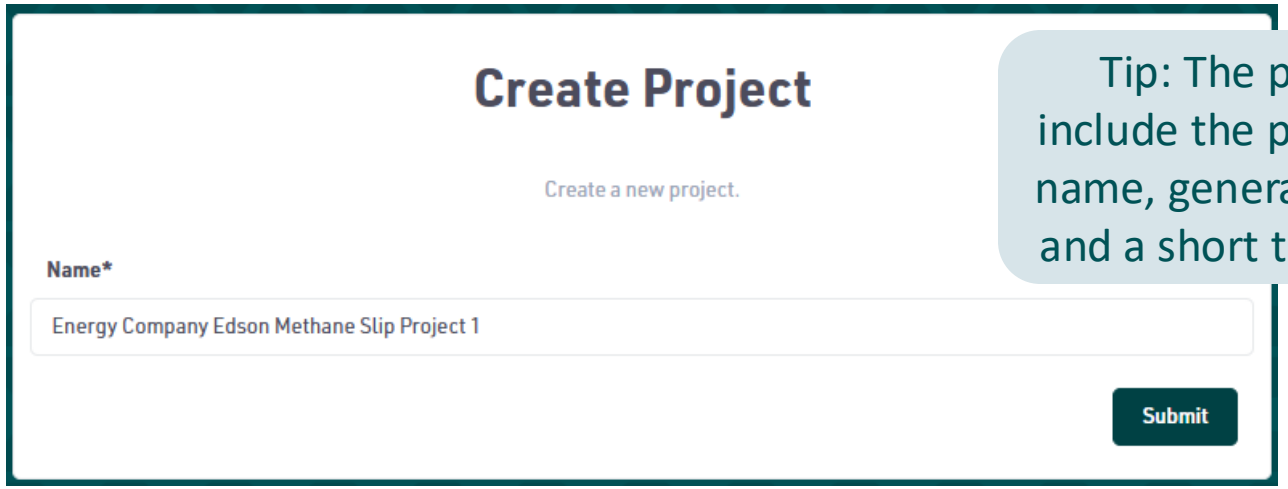
Participant – How to Apply

Create a Project Name:



Tip: The project name should include the participating company's name, general location information, and a short technology description.

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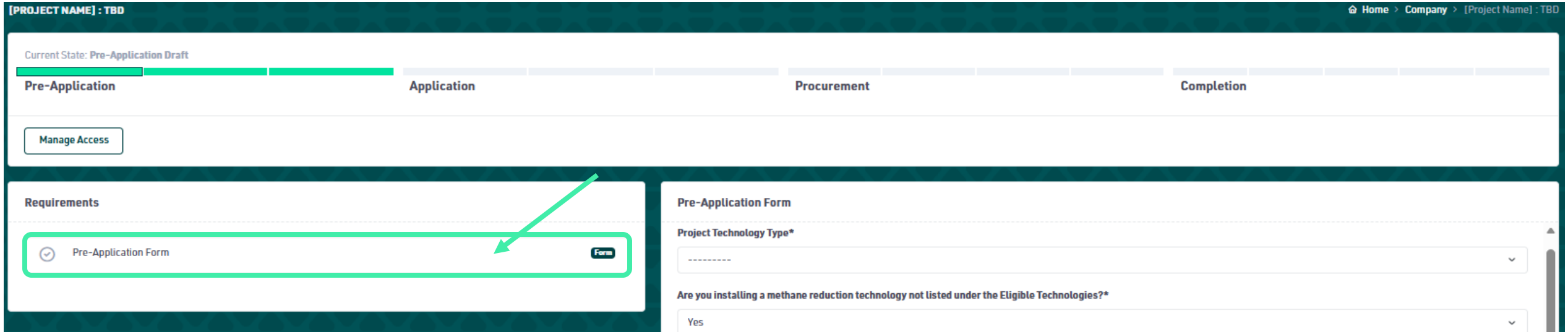
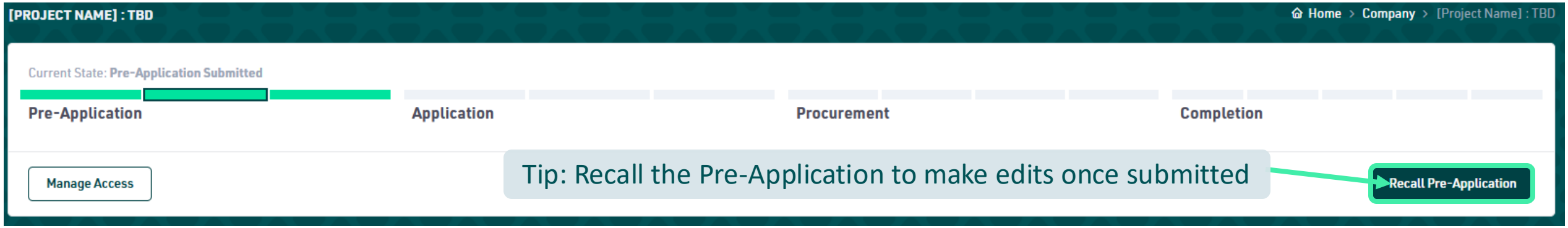
Participant – Pre-Application Submission





Tip: Recall the Pre-Application to make edits once submitted

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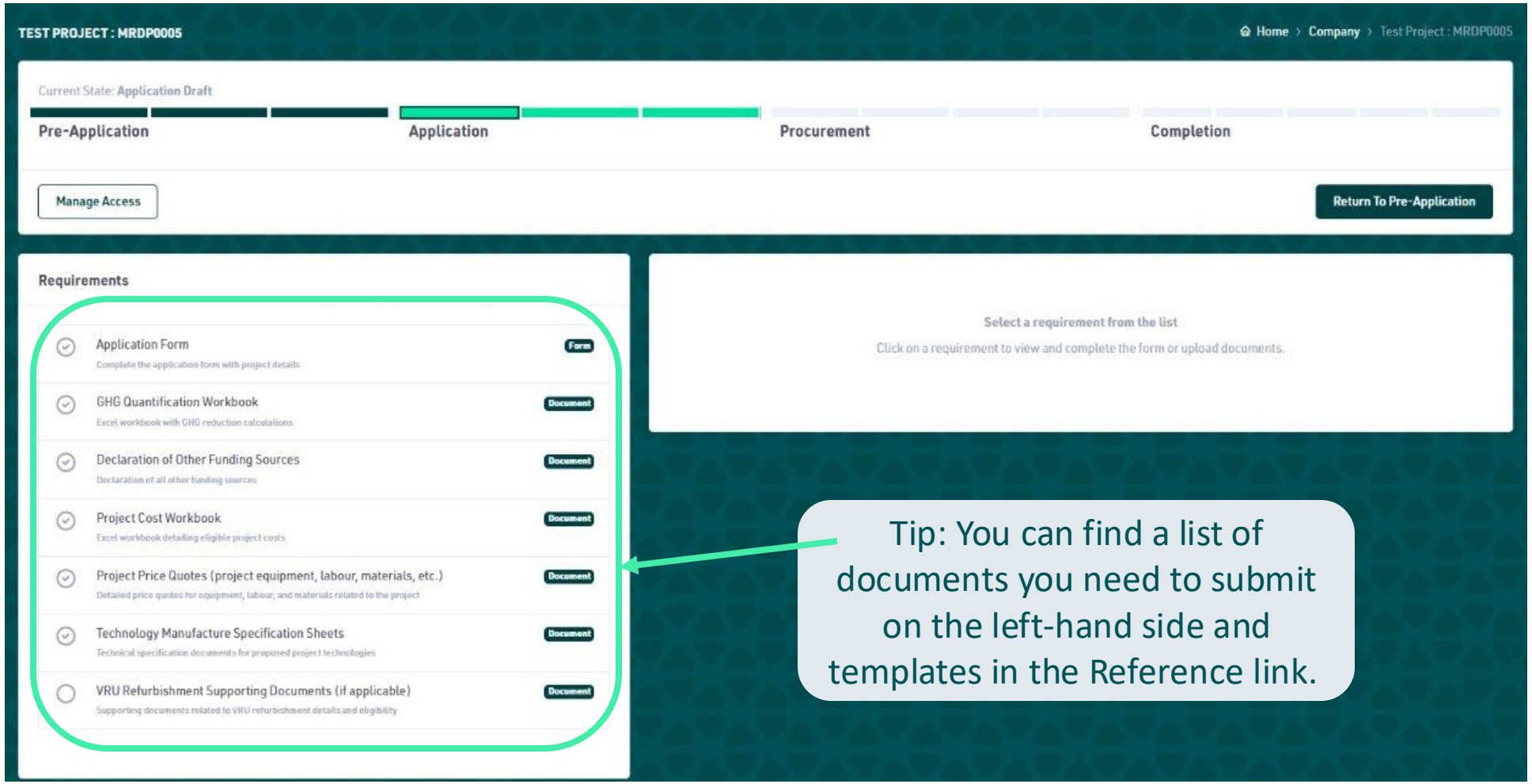
Participant – Project Application Submission



Tip: You can find a list of documents you need to submit on the left-hand side and templates in the Reference link.

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Participant – Project Application Submission

1

Application & Review Process

- After pre-application approval, the main application screen opens with required inputs and document uploads.
- Required supporting documents (file types, details, naming conventions) are listed in **the Program Guide appendices**.
- Applicants must certify completeness/accuracy before submitting; fields lock after submission.

2

Review Stage

- A technical reviewer is assigned as the main contact.
- Standard review timeline: **5 business days** (may be delayed if information is missing or if the project is complex).
- Applicants are notified of approval or requests for additional documentation.

3

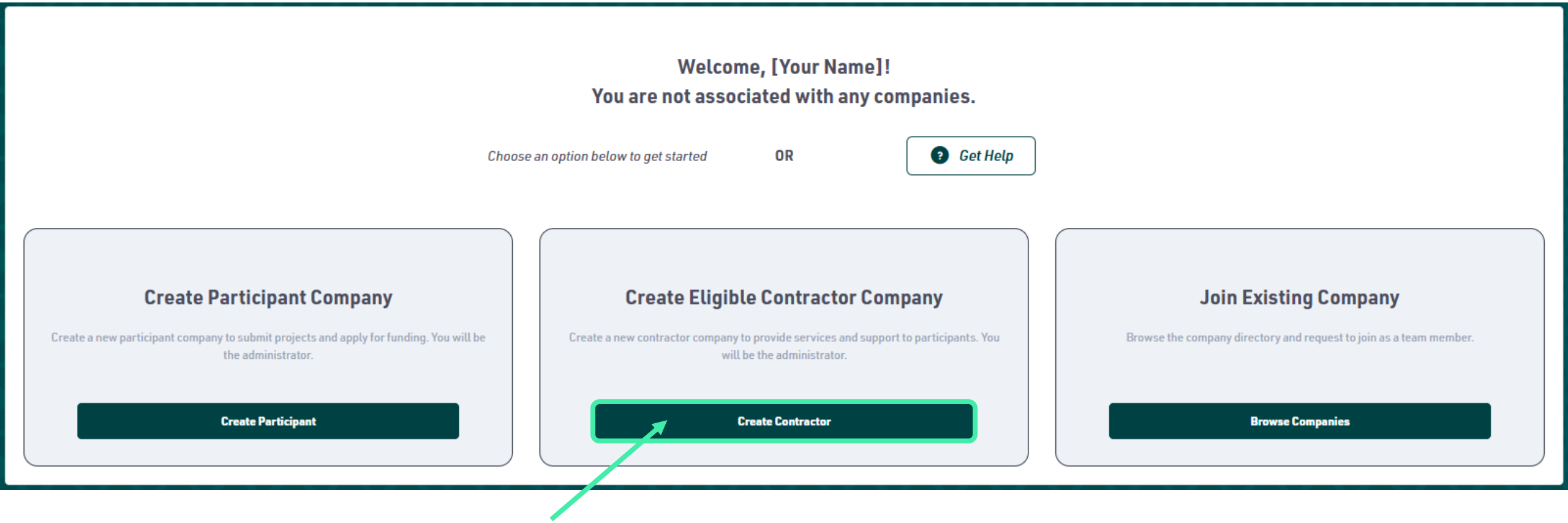
Participant Agreement

- After approval by **MWA and ERA**, a participant agreement letter and terms/conditions are issued.
- Agreement must be signed by the participant and uploaded within **10 business days**.
- **This signature date is the project effective start date**.

Project Timing

- Effective date includes the forecasted completion date; funding is reserved for this period.

Contractors – How to Apply



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Eligible Contractor Application:

- Company legal name
- Business address (head office)
- Business type
- Supported technology types
- Economic region(s) supported
- Agree to the Eligible Contractor Code of Conduct and Privacy Policy
- Confirm the business has all of the documentation required in the Code of Conduct available for review upon request.
- Invite other users from your company

Eligible Contractor Application

Company Legal Name*

(You Company Legal Name)

Business Address*

Enter your business address...

Business Type*

Which eligible measure(s) / technology types does your business support?

Technology Type A. Methane Slip - from Engine Operations
- Lean burn to rich burn engine - replacement
- Exhaust methane destruction (e.g., catalytic conversion)
- Fuel switching/blending (e.g., 100% NG, H2 blending)
- Optimize engine/system performance (e.g., load optimization)
- Retrofits (e.g., ingestive crankcase controls, closed breathers)

Technology Type B. Routine Venting - from Tanks and Compression
- Storage tank vapor recovery – for conservation (e.g., reinjection or fuel supplement)
- Storage tank vapor recovery – for destruction (e.g., in combustor or incinerator)
- Compressor retrofits (e.g., pistons, crank case)

Technology Type C. Pneumatics
- Low to no bleed conversion
- Electrification
- Pneumatic device vent gas capture
- Instrument NG to other non-GHG emitting gas use (e.g., air, N2)

Technology Type D. Surface Casing Vent Flow*
- Down hole solutions – below 300m3/day
- Capture solutions (e.g., adsorbents, catalytic oxidation)

Technology Type E. Casing Gas Capture
- Casing gas conservation
- Casing gas destruction (e.g., combustors)

Technology Type F. Digital Solutions
- Advanced process control and optimization
- Emerging Artificial Intelligence/Machine Learning tools

Technology Type G. Other
- High slippage from natural gas fueled building heaters
- Power generation from captured gas
- Solution gas management (e.g., capture, conservation, destruction)
- Natural gas fired heater optimization
- New Technology Application

What Alberta Economic Regions does your business operate in?
- Lethbridge - Medicine Hat
- Camrose-Drumheller
- Calagry
- Banff-Jasper-Rocky Mountain House
- Red Deer
- Edmonton
- Athabasca-Grande Prairie-Peace River
- Wood Buffalo-Cold Lake

Are you providing a methane reduction technology not listed under the eligible measures?*

No

- I agree to all the requirements for participation as described in the Eligible Contractor Code of Conduct and Privacy Policy.
- I confirm that, as an Eligible Contractor, my business has all the proper documentation as described in the Eligible Contractor Code of Conduct (WCB Clearance, Liability Insurance, GST number, Alberta Business license), and I understand that these documents may be requested for review at any time during the program.

Submit

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NGIF Accelerator

Methane Reduction Demonstration Program

www.ngif.ca/methane-reduction-demonstration-program/

Accelerate the commercialization of **pre-commercial** methane technologies through **market-driven selection**, supporting **pilot testing and field demonstrations.**

Funding

- $9M Funding challenge
- Up to $750k in non-dilutive grant funds per project
- Up to 75% of the project's qualifying expenses

Technology

- Methane Mitigation, Reduction, Abatement, Measurement and Quantification
- **TRL 7-9 :** Field pilots, demonstrations, and initial commercial deployments
- **TRL 6:** System prototype demonstration in simulated environment to be considered for accelerator commercial deployment

Market Focus

- Solutions tailored to applications in Upstream O&G, Mid-stream and Downstream NG industry
- Access to industry host partners in Alberta

Timelines

- 3-year program duration
- 3 Fixed intake cohorts
- 18-month project timeline

Eligibility

- Global Outreach
- Startups and technology developers
- Mandatory project demonstration in Alberta

Frequently Asked Questions

1. What kinds of projects qualify for funding?
2. How does TIER regulation affect eligibility for the program?
3. Do projects need to go beyond legal requirements to qualify?
4. Are there stacking limits in this program?

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Questions?

Please type your questions into the “Questions” pane of the control panel, which is typically on the right-hand side of your screen.

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Next Steps

Unanswered questions?

Review the guidelines and supporting materials online at www.eralberta.ca/methane

Register on the Portal today!

portal.mrp-deployment.ca

Email remaining questions to:

methane@eralberta.ca

This webinar will be posted on ERA's YouTube page.

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THANK YOU

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