

# ALBERTA INNOVATES CLEAN ENERGY

## ADVANCED HYDROCARBONS

CLEANER HYDROCARBON PRODUCTION – METHANE EMISSIONS REDUCTION

### FUNDING DETAILS

## CanERIC – Canadian Emissions Reduction Innovation Consortium

CanERIC is a national Canadian initiative led by PTAC Petroleum Technology Alliance Canada that unites researchers, technology developers, institutional experts, and end-users to accelerate the development and deployment of methane emission reduction technologies. It provides the Canadian oil and gas sector with a structured, industry-driven platform to identify priority challenges and test emerging technologies through collaborative lab and field trials, with support from academic and institutional partners. Now in its latest phase, CanERIC focuses on de-risking methane reduction technologies by evaluating vendor-proposed solutions against third-party verified data and real-world mitigation opportunities, generating meaningful performance insights and identifying key technical and operational gaps.



### Overall Goals of the Project



### RECIPIENT:

**PTAC Petroleum  
Technology  
Alliance Canada**



### PARTNERS:

**Teine Energy,  
Cenovus, CNRL,  
Veren, Ovintiv**



### TOTAL BUDGET:

**\$2,400,000**



### AI FUNDING:

**\$750,000**



### PROJECT DATES:

**FEB 2024 –  
JUN 2025**



### PROJECT TRL:

**Start: 8  
End: 9**

## APPLICATION

CanERIC is a project that applies technologies in real-world setting, addressing cost considerations, installation, and maintenance challenges, with a clear focus on de-risking technologies through producer-led trials. This initiative serves as a support to large producers while acting as a catalyst for SMEs, helping them refine and adapt their offerings to end-user needs.

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## ADVANCED HYDROCARBONS

### CLEANER HYDROCARBON PRODUCTION – METHANE EMISSIONS REDUCTION

#### PROJECT GOALS

- Support the development and commercialization of methane reduction technologies for local and international markets, while creating new jobs.
- Demonstrate real-world deployment of technologies to reduce methane emissions and reduce red tape in monitoring emissions.
- Reduce costs to producers for capturing incremental methane, increasing potential revenues and provincial royalties.
- Reduce capital diverted to compliance by helping producers meet regulatory target more efficiently, freeing up funds for new development projects and job creation.
- Facilitate collaboration with industry stakeholders to surface and advance new projects and technology ideas which could be developed for the general benefit of the industry.

#### BENEFITS TO ALBERTA

- Revitalize the economic strength of the oil and gas sector.
- Restore high-quality employment opportunities.
- Address the pressing challenge of reducing methane and GHG emissions.
- Enhance connectivity between innovators and end-users
- Maximizing the commercial deployment of new technologies.



8 Publications



7.5 Project Jobs



42 Future Jobs



7 New  
Products/Services



Enables Emission  
Reductions

CURRENT  
STATUS

JUN 2025

Completed