



Annual Report 2025/26

Facilitating Collaborative
Innovation



COLLABORATION

Bring together industry,
research, and communities



INNOVATION

Advancing technology
and solutions



IMPACT-DRIVEN

Supporting a sustainable
energy future



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Disclaimer

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We encourage individuals to seek independent professional advice before making any decisions or taking actions based on this report.



PTAC at a Glance



Who We Are

PTAC Petroleum Technology Alliance Canada is a neutral, non-profit, industry-led innovation hub with 29 years of experience serving Canada's oil and gas sector. PTAC facilitates and advances value-added research, technology development, and deployment.



Facilitator of
Collaboration



Programs
Manager



SMEs Support for
Commercialization



Events



OUR VISION

To be the go-to innovation hub for Canada's oil and gas industry, facilitating and advancing value-added research, technology development, and deployment.



OUR MISSION

PTAC drives & fuels industry collaboration and innovation for a stronger, cleaner, and more competitive Canadian oil and gas future

Focus

PTAC brings together the people, expertise, and resources needed to help address the energy sector's most pressing challenges. As a collaborative energy innovation hub, PTAC supports the development, validation, and deployment of technologies and research intended to improve environmental performance, enhance competitiveness, and support the delivery of measurable outcomes.

Today, PTAC's focus areas include emissions reduction, digital transformation, environmental management, resource conservation and competitiveness, ultimately helping industry advance innovative solutions from concept toward commercialization.





Message from the PTAC Board



The 2025–26 fiscal year stands as one of significant progress, renewed energy, and measurable impact for PTAC.

Beyond performance, it reflected the growing confidence of an ecosystem that is increasingly aligned, collaborative, and focused on advancing practical solutions for the future of energy.

Throughout the year, PTAC demonstrated its value as a trusted convener, bringing together industry, innovators, governments, and partners to address shared challenges and support pathways for collaborative action.

This impact was reflected across PTAC's growing project portfolio, where 72 active projects helped advance research and emerging technologies through field trials, pilot programs, and commercial validation. PTAC also supported 35 Small and Medium-sized Enterprise (SME)-led innovations and transitioned 3 scale-up projects from pilot phase to market readiness.

PTAC continued to enable industry-led research that supports collaboration on environmental challenges, while informing regulatory development through the Alberta Upstream Petroleum Research Fund (AUPRF). In 2025–26, the voluntary levy generated \$3.7 million to launch 17 new projects focused on emissions, water, remediation and reclamation, ecology, and well decommissioning. Enhanced communications and targeted outreach further strengthened industry awareness of the program and its activities.

Through high-impact events, PTAC convened industry leaders and advanced dialogue on some of the sector's most important priorities. The Methane Leadership Summit 2025 saw record demand, while the Digital Innovation Forum explored the evolving intersection of energy and data. The launch of the Energy Table Speaker Series further expanded opportunities for executive-level discussion on the future of Canada's energy sector.

At the same time, Canadian innovation continued to gain international visibility. Through participation in global forums such as CERAWEEK, Colorado State University's Veritas Workshop, and the Global Energy Show, PTAC and its members elevated Canada's presence on the global stage, strengthened cross-border relationships, and supported new pathways for technology deployment.

PTAC's progress remained grounded in a strong network of partnerships. Through initiatives such as the Methane Mixer and inaugural AUPRFest, PTAC strengthened relationships among innovators, producers, funders, and partners while creating new opportunities for connection and collaboration.

Looking ahead, the momentum generated this year provides a strong platform for the future. Strong demand for events, an expanding project portfolio, and an increased focus on emerging priorities such as clean fuels, water management, and digital innovation position PTAC for continued impact.

The past year demonstrated what is possible when we work together with clarity of purpose and a commitment to action. On behalf of the Board, we extend our sincere thanks to our members and partners for their continued support and engagement. Together, we are advancing innovation and supporting the future of energy in Canada and beyond.



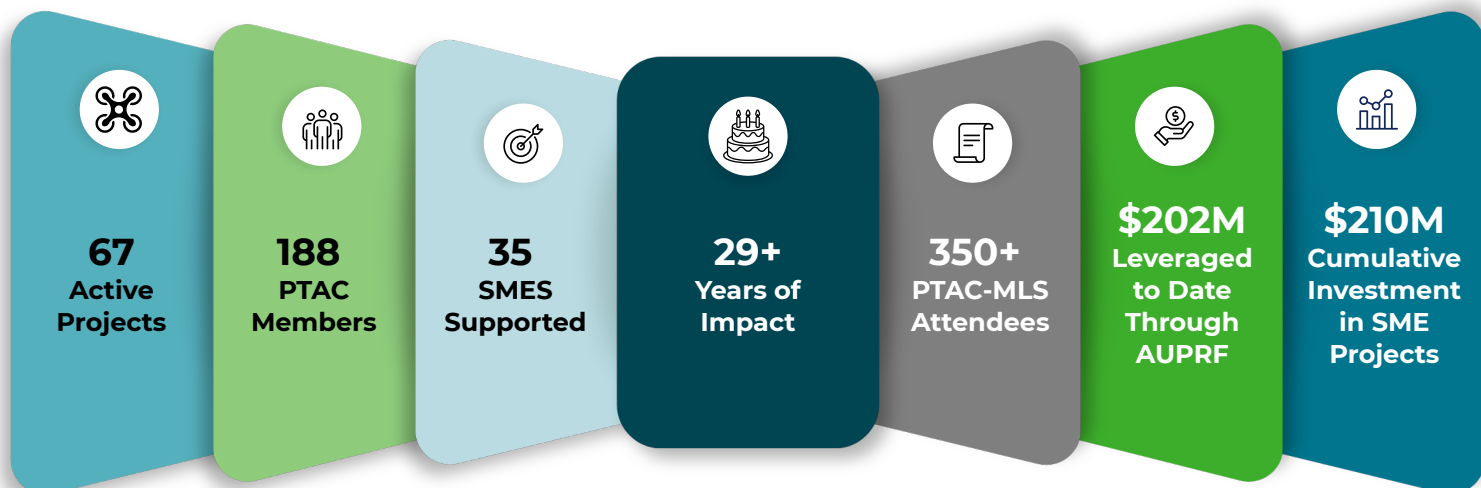
Lauren Savoie
President and
CEO
PTAC



Matt Bryan
Canada Land Managing
Director
SLB
PTAC Chair

Impact & Highlights

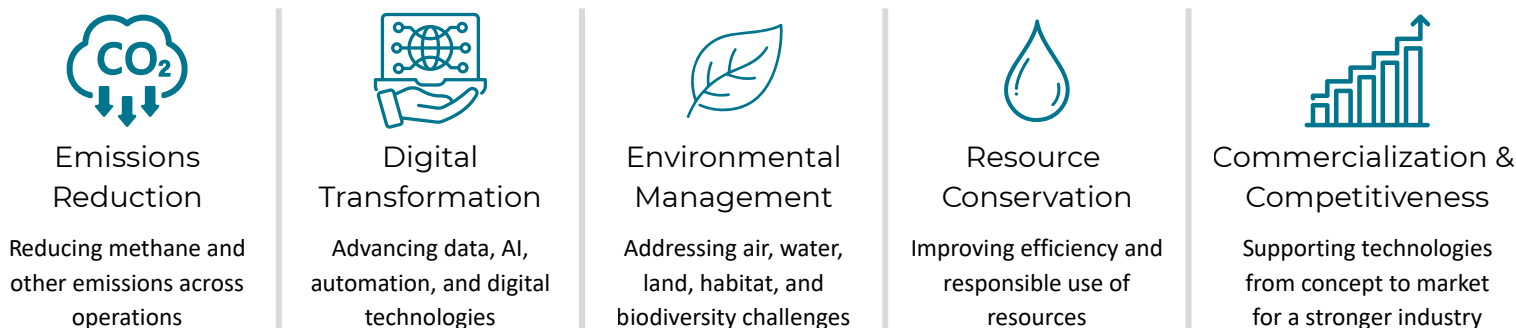
PTAC's 2025-26 performance reflects a year of contoured progress across Canada's energy innovation ecosystem, supporting tangible outcomes for producers, innovators, and funders.



From advancing field trials and facilitating SME-led technologies to enabling collaborative environmental research, PTAC continued to help move practical solutions towards deployment.

By convening partners, enabling access to funding, and supporting real-world validation, PTAC contributed to progress where it matters most, supporting technology advancement, strengthening industry collaboration, and addressing key energy and environmental challenges.

Focus Areas Driving Innovation



PTAC has become the best way for companies to leverage their innovation resources through collaboration. All members can access and participate in the work. It's a great example that in an industry that is wired for competition, we're able to come together to share and learn in some important areas of knowledge. The most visible example is the annual Methane Leadership Summit. The calibre of attendees, presentations and exhibitors makes it the top event of its kind in Canada. Each year has gotten bigger and better.

— **Scott Volk, Director of Emissions & Innovation**
Tourmaline Oil Corp.

PTAC Focus & Initiatives

Project Facilitator

As a trusted and neutral facilitator, PTAC serves as a hub where collaborative innovation can flourish. By connecting emerging technologies with identified industry needs, PTAC supports the progression of solutions from concept development through field trials, pilot projects, and industry-led validation, enabling pathways toward potential commercialization.

In 2025–26, PTAC helped turn innovation into action by facilitating the advancement of technologies intended to address emissions reduction, decarbonization objectives, and improved operational performance. Through initiatives focused on artificial intelligence, real-time monitoring, emissions data solutions, and other digital tools, PTAC helped minimize duplication, leverage collective investment, and accelerate the adoption of innovative solutions across the energy sector.

Project Snapshots from 2025-26



Tank Methane Emissions Mitigation with Hydrocyclone Project

With PTAC connecting funding, partners, and technical expertise, Calscan is advancing an innovative methane mitigation solution toward field deployment. Supported by the Clean Resource Innovation Network (CRIN), the Tank Methane Emissions Mitigation with Hydrocyclone Project is developing a cyclone-based technology designed to enhance gas–liquid separation at oil and gas storage tanks, supporting improved emissions management and operational performance.

In 2025–26, the project progressed toward real-world application through continued engineering and industry collaboration. Planned deployment across up to 40 sites in Western Canada will enable field evaluation and generate data to assess performance under operating conditions. The project also explores electrification strategies, including replacing pneumatic systems with solar-powered electric actuators. This approach is intended to support lower-emission operations while providing insight into the operational and economic considerations of broader implementation.

For participating member producers, including Cenovus Energy and Canadian Natural, pilot deployments offer an opportunity to evaluate the technology's performance in areas such as reliability, maintenance requirements, and potential impacts on emissions and operating costs. These insights are expected to inform future deployment decisions and support broader adoption of methane mitigation solutions across the sector.

“Our collaboration with PTAC on the CRIN Methane Emissions Mitigation project using the Calscan Hydrocyclone and solar electric controls was a resounding success. It effectively captured and mitigated tank venting emissions while also proving the reliability of our integrated solutions in the field. This project was a pivotal milestone that kickstarted widespread retrofits of legacy wellsites with true zero-emission solar electric controls, delivering both environmental impact and operational savings for multiple producers.

— Calscan Solutions



CROSSFIRE Platform Installation and Commissioning Project

In collaboration with PTAC, LCO Technologies is advancing the deployment of its CROSSFIRE Platform, an ultra-low-power system designed to replace conventional gas-driven pneumatic equipment—one of the largest sources of methane emissions in upstream operations. Leveraging PTAC's project delivery and funding application expertise, LCO was able to successfully secure funding from CRIN to validate the technology under real-world operating conditions and accelerate deployment across the industry.

The CROSSFIRE platform addresses a critical need for reliable, cost-effective solutions to reduce methane venting from pneumatic equipment and oilfield tanks. By integrating multiple applications into a single system, it is designed to provide producers with a scalable pathway toward electrified, lower-emission wellsite operations.

The project team installed 147 pump configurations of the CROSSFIRE, 34 air compressor configurations, and two VRU configurations, totalling 183 installations.

For participating producers, such as PTAC members Cenovus Energy and Tourmaline Oil, the platform offers a practical approach to simplifying field infrastructure while supporting emission reduction technologies.

“We greatly appreciate PTAC's professionalism, responsiveness, and dedication to advancing innovation within the energy sector. Their efforts helped bridge the gap between technology development and real-world implementation, ensuring this project achieved a far greater impact than would have been possible independently. We look forward to continuing our collaboration as we work together to drive meaningful emissions reductions and support a more sustainable energy future.

— LCO Technologies

PTAC Focus & Initiatives

Project Facilitator

Project Snapshots from 2025-26



Advanced Bio-Solvent Utilization for Solvent-Assisted Steam-Assisted Gravity Drainage (SAGD) Performance Improvement Project

BioOilSolv is advancing a renewable, biomass-derived solvent through its Advanced Bio-Solvent Utilization for Solvent-Assisted SAGD Performance Improvement Project, aimed at enhancing oil sands production while potentially supporting lower greenhouse gas (GHG) emissions. By connecting funding opportunities, partners including Imperial, and technical expertise, PTAC was able to assist BioOilSolv by securing Emissions Reduction Alberta (ERA) funding to progress toward industrial-scale demonstration, performance evaluation, and lifecycle assessment.

The project aims to address a key industry challenge to improve recovery performance in solvent-assisted thermal operations while managing operating costs and emissions.

By reducing solvent costs, lowering GHG emissions, and improving resource recovery, the technology has the potential to provide producers with a practical pathway to more efficient and lower-carbon SAGD operations.



Decarbonizing Canadian Oil Sands Production Project

Meteor Biotech is advancing a novel approach to oil sands recovery through its Decarbonizing Canadian Oil Sands Production Project, which uses naturally occurring microorganisms to generate nitrogen gas underground and support bitumen production without additional steam. By targeting bitumen in shale layers adjacent to SAGD steam chambers, the technology has the potential to improve recovery while supporting lower emissions intensity.

With PTAC's support in project development, partnership building, and funding applications, Meteor Biotech secured funding from Genome Alberta to advance the technology toward field pilot testing and potential commercialization. Collaboration with industry partners, including Imperial, helps ensure the technology is evaluated under conditions representative of real-world operations.

By exploring methods to mobilize additional production from existing SAGD well pairs, the project is expected to generate insights into recovery performance, operations, and emissions intensity. For producers, the technology offers a potential pathway to improved recovery and efficiency while supporting progress toward lower-emission oil sands production.

“PTAC’s support through the ERA Advanced Materials Challenge has been extremely valuable for BioOilSolv. Their team provided meaningful guidance, industry insight, and connections that helped us strengthen our project and move it forward with greater confidence. We truly appreciate PTAC’s role in supporting innovation, collaboration, and commercialization in Alberta’s energy sector.”

— **Mohammad Alikarami, CEO and Co-Founder**
BioOilSolv

“PTAC’s support and guidance this year have been invaluable to us. Their technical knowledge, connections to decision-makers in industry and government, and, perhaps most importantly, genuine care for the work we are doing together make them an amazing partner. They are a huge reason for our company’s success this year.”

— **Mark Hubert, CEO**
Meteor Biotech

How PTAC Creates Impact



Industry
Need



PTAC
Connection



Funding &
Partners



Field
Validation



Commercialization

PTAC Program Manager



Alberta Upstream Petroleum
Research Fund

The Alberta Upstream Petroleum Research Fund (AUPRF) is an industry-led program that advances technologies, tools, and best practices to improve the competitiveness and environmental performance of Alberta's upstream oil and gas sector. By addressing challenges that no single producer can solve alone, AUPRF enables collaborative innovation with industry-wide impact.

Administered by PTAC on behalf of industry, with support from CAPP, EPAC, and the Government of Alberta, AUPRF delivers practical, cost-effective solutions to shared environmental, operational, and regulatory challenges.

In 2025–26, AUPRF put over \$25 million to work in 17 new projects and 30 ongoing projects across its five technical areas, while strengthening its role as a hub for collaboration and knowledge sharing. The program continues to inform regulatory discussions, advance priority industry issues, and connect producers, researchers, regulators, and service providers to address common challenges facing Alberta's upstream energy sector.

AUPRF by the Numbers (2025-26)

\$42M+

Invested to Date

\$202M

Leveraged to Date



\$ 3.7 M

2025 AER Well
Levy Collection



47

Active Projects
Valued at \$25M+



17

Projects Launched
Valued at \$11M+



10

Projects Completed
Valued at \$10M+

AUPRF RESEARCH FOCUS AREAS



AIR RESEARCH
PLANNING
COMMITTEE



ECOLOGICAL
RESEARCH
PLANNING
COMMITTEE



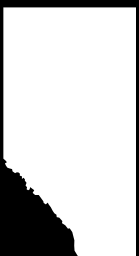
REMEDIATION &
RECLAMATION
RESEARCH
COMMITTEE



WATER
INNOVATION
PLANNING
COMMITTEE



WELL
DECOMMISSIONING
RESEARCH
COMMITTEE



AUPRF continues to support collaborative, industry-led research aimed at addressing shared environmental, operational, and regulatory challenges facing Alberta's upstream oil and gas sector.

PTAC Program Manager



Alberta Upstream Petroleum
Research Fund

**Delivering Value to Alberta's
Upstream Industry**



Jurisdictional Review of Regulations and Practices Which Enable Economic Water Recycling in Hydraulic Fracturing

In collaboration with WaterSMART Solutions Ltd, this project examined why produced-water recycling rates exceed 80% in leading North American jurisdictions and identified the regulatory, operational, and economic conditions required to make water recycling viable in Alberta's hydraulic fracturing sector.

The AUPRF-funded research identified the conditions under which produced-water recycling can become economically viable in Alberta's hydraulic fracturing sector. By evaluating successful practices and regulatory frameworks from leading North American jurisdictions, the research delivered recommendations intended to support the economics of water reuse. The findings give producers practical tools that support the reduction of water-management costs, streamline recycling assessments, and prioritize high-value opportunities, while enabling future regulatory innovation, increased water conservation, and enhanced competitiveness across Alberta's upstream oil and gas industry.

Methane Emissions Risk Tool – Site Prioritization and Emissions Closure Guidelines

This past year, AUPRF continued to fund Equilibrium Environmental for the development of a science-based framework to help Alberta producers assess and manage methane emissions from surface casing vent flows at abandoned wells. The project addresses a key industry challenge: determining when low-level emissions present sufficiently low human health and ecological risk to support site closure, while prioritizing remediation resources toward wells where intervention will deliver the greatest benefit. The project developed a methane emissions risk tool and Minimum Emission Level (MEL) framework using human health and ecological risk assessment modelling to establish protective, risk-based emission thresholds. The work is translating the resulting methodology into a practical guideline calculator to support consistent site-level assessment and decision-making.

Beyond the potential to reduce unnecessary remediation and associated costs, the framework could help producers prioritize higher-risk sites and advance eligible wells more efficiently toward reclamation and closure. Ongoing engagement with industry and regulators is helping ensure the methodology is scientifically defensible, protective of human health and the environment, and practical to implement. By establishing a consistent, evidence-based approach to emissions management, the project has the potential to support future regulatory guidance and more efficient management of Alberta's abandoned well inventory.



AUPRF's investment in water innovation research is helping industry build a stronger understanding of the factors that influence produced water recycling in Alberta. By examining leading practices across North America, this project provides practical insights into the regulatory, operational, and economic considerations that shape water reuse, helping identify opportunities to strengthen water management and support long-term water security.

—Tara Payment, Director, Alberta and Saskatchewan, CAPP

AUPRF Water Innovation Committee Member



Having collaborated on this project for a few years, I value its commitment to sound science and practical application. The risk-based framework provides a consistent and defensible method for assessing methane emissions and closure priorities, helping ensure remediation resources are directed to the sites that need them most. This work has the potential to improve both environmental outcomes and the efficiency of site closure activities. Together with other projects across AUPRF's Well Decommissioning portfolio, this highlights the value of industry-driven research in developing practical solutions to complex environmental challenges.

—Shawn Forster, Staff Well Abandonment Geologist, Asset Retirement, Well Delivery Cenovus Energy

AUPRF Well Decommissioning Committee Chair

Research Partners in 2025-26



Carleton University



fRI Research





Support for Small and Medium Sized Enterprise

Bringing new technologies to market isn't just about innovation, it's about alignment.

PTAC connects innovators with producers, supports product-market fit, enables field validation, and unlocks funding to move cleantech solutions from idea to impact.

Through its partnership with National Research Council's Industrial Research Assistance Program (NRC-IRAP), PTAC supports small and medium-sized enterprises (SMEs) in advancing innovative energy technologies toward commercialization. By connecting innovators with technical expertise, funding opportunities, and industry networks, PTAC helps facilitate the development and deployment of solutions aimed at improving environmental performance and operational efficiency.



35

SMEs
Supported



49

Industry
Engagements



3

Scale-Up
Projects



547+

Engagements
to Date



77

Projects
Supported



\$210M

Total
Investment

Three Phased Support

1

Product-Market Fit

Market needs and competitive positioning

2

Project Development

Demonstration projects and funding support

3

Deployment & Export

Market entry, growth, and investment connections

Through NRC-IRAP, PTAC is helping SMEs innovate, scale, and compete-strengthening Canada's cleantech ecosystem and accelerating the delivery of market-ready solutions.

PTAC is proud to empower SMEs to innovate, commercialize, and compete globally.



Through the IRAP Program, PTAC has provided highly valuable support by helping us connect with industry stakeholders and explore opportunities to advance our innovative valve technology in the Canadian energy sector. We appreciate PTAC's guidance, network, and continued support.

— **Peter Liu, President**
BridgeFlow Valve Ltd.



Over the past few years, PTAC has been an invaluable champion for Northiana Energy Solutions as we advance our CME drag reduction technology. Navigating the complexities of Canada's energy sector is no small feat, but PTAC's guidance and advocacy have been pivotal in helping us move toward demonstrating our technology at scale.

— **Jordan MacKenzie, PhD**
Founder & CEO, Northiana Energy Solutions

Events

Through its flagship forums, PTAC connects producers, innovators, researchers, and decision-makers, creating opportunities to share knowledge, showcase R&D results, and accelerate commercialization. The continued growth of these events underscores their role as key catalysts for collaboration and innovation across Canada's energy sector.



Methane Leadership Summit 2025

2025 brought with it another incredible PTAC Methane Leadership Summit (PTAC-MLS)! PTAC-MLS 2025 brought together over 350 attendees, representing a strong cross-section of producers, regulators, innovators, and researchers. Supported by incredible sponsors, the Summit delivered high-impact programming, top-tier speakers, and meaningful networking opportunities.

Over two dynamic days, discussions on methane regulation, carbon reduction strategies, climate finance, and global energy challenges highlighted real progress and growing momentum across the sector. New elements-including student posters and rapid technology pitches were especially well received, contributing fresh perspectives and energy to the event.

PTAC-MLS continues to serve as a powerful platform for collaboration, connection, and action-advancing practical solutions that are supporting methane technologies.



21

Producer companies
in attendance



34

Companies sponsored
(+\$200K in sponsorship)



350+

Attendees



2

Powerful days
of collaboration



1

Shared goal: Accelerate Development
of Methane Technologies



PTAC has become the best way for companies to leverage their innovation resources through collaboration. All members can access and participate in the work. It's a great example that in an industry that is wired for competition, we're able to come together to share and learn in some important areas of knowledge. The most visible example is the annual Methane Leadership Summit. The calibre of attendees, presentations and exhibitors makes it the top event of its kind in Canada. Each year has gotten bigger and better.

— **Andrew Cattran**
Formerly with NuVista Energy



Digital Innovation Forum 2026: Canadian Energy Powering Data Centres

The Digital Innovation Forum 2026 was a sold-out success, bringing together over 135 attendees at the Calgary Petroleum Club to explore how Canada’s energy sector is powering the next generation of data infrastructure. Attendees gained valuable insights into emerging opportunities, partnerships, and business models to monetize natural gas and participate in the rapidly growing data centre market.

Featuring keynote remarks from Alberta’s Minister of Technology and Innovation, Nate Glubish, and MP Corey Hogan, and a guest appearance by Telus Spark and the University of Calgary’s Robotic Dog, the event delivered forward-looking insights on emerging business models, digital infrastructure, and the sector’s role in global data centre growth. With dynamic discussions and strong engagement throughout, the Forum connected leaders, innovators, and decision-makers shaping Canada’s digital energy future.



6

Producer Companies
in attendance



2

Companies
sponsored



135+

Attendees



1

Powerful day of
collaboration



1

A shared vision for Canada’s digital
energy future



The Digital Innovation Forum brought together leaders from across sectors at an important time for Alberta. As AI and data centres reshape the intersection of energy, digital infrastructure, and economic development, collaboration will be critical to turning opportunity into outcomes. From my experience attending the 2026 event, it is clear that PTAC is an important convener, connecting people and ideas to help advance innovation and strengthen Alberta’s position in the evolving energy and digital economy.

— **Craig Stenhouse, Co-Founder and Principal**
SHIFT Critical International



Canadian Fuels Compliance Fund



**Environment And Climate
Change Canada**
May 2026

The Canadian Fuels Compliance Fund (CFCF) is a registered Emissions Reduction Funding Program under Canada's Clean Fuel Regulations.

What Sets the CFCF Apart



Designed for Industry

Built to provide primary liquid fuel suppliers with a practical and flexible compliance pathway.



100% of Contributions Put to Work

Compliance dollars are directed toward Canadian projects delivering measurable emissions reductions.



No Fund Matching Required

A straightforward and accessible pathway that removes barriers to participation.

During 2025-26, PTAC advanced the development of the Canadian Fuels Compliance Fund (CFCF), a flexible, credible compliance pathway designed to support real emissions reductions. In May 2026, the CFCF received approval from Environment and Climate Change Canada as a registered Emissions Reduction Funding Program under Canada's Clean Fuel Regulations.

The CFCF provides primary liquid fuel suppliers with a cost-effective, transparent, and nationally accessible pathway to meet up to 10% of their annual carbon intensity reduction obligations. Administered by PTAC, the fund directs compliance dollars into Canadian projects that deliver verifiable CO₂e reductions and support federal climate objectives.

By turning compliance obligations into strategic investments, the CFCF supports suppliers in managing compliance costs while accelerating innovation, emissions reductions, and long-term industry competitiveness.

Key Benefits

- ✓ **Cost-effective compliance**
- ✓ **Transparent administration**
- ✓ **National accessibility**
- ✓ **Verifiable CO₂e reductions**
- ✓ **Support for Canadian projects**
- ✓ **Long-term industry competitiveness**



International Collaborations

Canada is playing an increasingly critical role on the international energy stage, and PTAC is helping facilitate that momentum. As the innovation ecosystem continues to grow, PTAC remains focused on supporting Canadian cleantech by connecting it to real opportunities and helping position it at the forefront of responsible, globally competitive energy solutions.



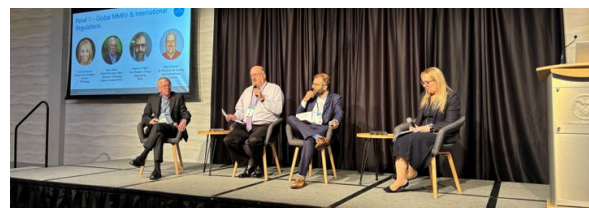
CERAWeek

At CERAWeek 2026 in Houston, PTAC strengthened its international presence, engaging with global energy leaders, building new partnerships, and reinforcing key relationships. PTAC participated in the Canadian Energy Company Showcase, co-hosted the Alberta Innovation Advantage Coffee Hour alongside Alberta Machine Intelligence Institute, the Clean Resource Innovation Network, and the NGIF Accelerator, and moderated a Canada House panel on methane innovation and technologies.



Veritas Workshop - Colorado State University

PTAC brought its expertise to the Veritas Workshop at Colorado State University, where we shared perspectives on the role of innovative technologies in aligning diverse regulatory frameworks, while highlighting advancements in measurement and monitoring being developed and deployed by Canadian companies.



Global Energy Show

PTAC had a strong presence at the 2025 Global Energy Show, collaborating with key partners and engaging broadly across the event. In partnership with the Trade Commissioner Service for Decarbonization Day, PTAC helped showcase member-developed methane reduction technologies to an international audience. PTAC's leadership team also contributed to Energy Influencer Sessions and the Emissions Reduction Theatre, supporting knowledge exchange, strengthening partnerships, and highlighting member innovation on a global stage.



Canada Climate Week Xchange

PTAC also joined Canada Climate Week Xchange, in collaboration with CRIN and the etc Foundation, with a series of panels showcasing how Canadian innovation is making a global impact.



APEC - Workshop on Cleaner and More Efficient Operation of Fossil Energy Industry

PTAC was excited to travel to Tokyo, Japan to participate in the Asia-Pacific Economic Cooperation (APEC) Workshop on Cleaner and More Efficient Operation of the Fossil Energy Industry. The workshop emphasized the importance of collaboration between industry and government, while showcasing methane emissions reduction technologies and highlighting opportunities to share this expertise globally.



Going Global: 2025 Update Report

PTAC is committed to showcasing Canadian cleantech leadership on the global stage and was proud to advance this through the Going Global: 2025 Update Report. Drawing on insights from Trade Commissioners and industry experts, the report identifies areas of market demand, policy developments, and potential commercial opportunities, while highlighting Canadian-developed technologies that are contributing to energy innovation globally.

Building Community

PTAC's community is the driving force behind meaningful change across Canada's evolving energy landscape. Together, we are proud to unite the innovation ecosystem to advance a responsible, competitive, and resilient oil and gas sector – a shared effort worth celebrating!



New Event Formats - Evolving How We Connect

PTAC was proud to introduce new and engaging event formats this year, expanding our reach and strengthening partnerships across the innovation ecosystem. These approaches are evolving how we engage our community and deliver impactful, high-value experiences.

Energy Table Speaker Series – Supporting Open Conversations

PTAC launched the Energy Table Speaker Series this year, establishing a new forum for candid, solutions-focused discussions on the opportunities and challenges shaping Canada's energy future. With sessions delivered in partnership with Alberta Innovates and the Oil Sands Alliance (formerly Pathways Alliance), the 2025–26 series brought together industry leaders, innovators, and decision-makers to explore critical issues such as commercialization, capital attraction, collaboration, and global competitiveness. The series strengthened connections across the innovation ecosystem and reinforced the importance of coordinated action and sustained innovation to support Canada's role as a global energy leader.

AUPRFest - Celebrating Environmental Collaboration

PTAC was pleased to host its inaugural AUPRFest, bringing together Alberta Upstream Petroleum Research Fund (AUPRF) contributors and collaborators to celebrate the program's achievements over the past year and explore its future direction. The event created a relaxed setting for meaningful conversations, connection, and shared appreciation of the progress being made through AUPRF.

Methane Mixer – Powered by Our Community

In collaboration with Avatar Innovations, CAPP, CRIN, the etc Foundation and Spartan Controls, we brought together more than 150 methane enthusiasts for the inaugural Methane Mixer. Through hands-on discovery stations, lively trivia, and meaningful connections, the evening highlighted practical solutions and the shared commitment supporting methane progress across Alberta. Together, we also raised over \$1,000 for the Calgary Food Bank, reinforcing the impact our community can make when we come together.

Empowering Future Energy Leaders

PTAC continued to invest in the next generation of energy leaders through student engagement and industry collaboration. With support from the etc Foundation, PTAC hosted five University of Calgary Engineering interns who gained hands-on experience working with SMEs across the energy sector, supporting technology development, emissions reduction initiatives, and industry workflows. PTAC also partnered with CRIN to deliver the Student Poster Session at PTAC-MLS 2025, giving emerging talent a platform to showcase their work, build industry connections, and contribute new ideas. These efforts are helping develop the skills, experience, and networks needed to support a more innovative and sustainable energy future.



4

New Community Initiatives



150+

Methane Mixer Attendees



5

Engineering Interns Hosted



\$1,000+

Raised for Calgary Food Bank



What's Next



Our Priorities for the Year Ahead



**ADVANCE
INNOVATION**



**EXPAND EMERGING
PRIORITIES**



**SUPPORT
COLLABORATION**



**STRENGTHEN CANADIAN
COMPETITIVENESS**

As we move forward, PTAC's priorities remain aligned with the sector's goal of strengthening Canada's position as a global leader in conventional and low-carbon energy. By supporting the advancement of innovative technologies, PTAC will continue to facilitate initiatives that aim to reduce emissions, enhance competitiveness, and advance the responsible growth of Canada's energy industry.

PTAC will continue to enable the full innovation lifecycle, from early-stage research through to field deployment and commercialization, focusing on practical, scalable solutions that aim to support Canadian producers in improving operational performance, and enabling long-term sustainable growth.

In addition to its core focus areas, PTAC will expand its reach into clean fuels through the launch of the Canadian Fuels Compliance Fund, while also accelerating activity in emerging priority areas, including water management and digital innovation.



The coming year also marks PTAC's 30th anniversary! This milestone provides our community with an opportunity to reflect on past achievements while focusing on what lies ahead. While challenges in the energy sector remain complex, so too are the opportunities. PTAC is well positioned to lead by fostering collaboration, advancing innovation, and supporting meaningful results.



As a neutral and trusted convenor, PTAC will continue to bring together industry, innovators, and government to accelerate real-world implementation.

Volunteer Recognition

One of PTAC's greatest strengths is the vibrant community that drives its work forward.



Award Recipients

PTAC's 2025 Annual General Meeting and Leadership Awards Celebration provided an opportunity to recognize the individuals and organizations whose leadership and innovation continue to inspire others and help advance impactful solutions for the future.



- *Legacy in Innovation Award – Heather Herring (Posthumous)*
- *Board Legacy Emeritus Award - Murray Todd*
- *Alberta Upstream Petroleum Research Fund (AUPRF) Trailblazer Award - James Agate (Canadian Natural Resources Limited)*
- *Digital Transformation Leadership Award - Jessica Shumlich (Highwood Emissions Management)*
- *Emissions Impact Leadership Award - Morgan Wrishko (Cenovus)*
- *Innovation in Action Award - Spartan Controls*
- *Innovative Minds in Research Award - Isabella Tarasco (Emissions Reduction Alberta)*
- *Legacy in Leadership: Producer Excellence Award - Tourmaline Oil*
- *President's Impact Award - Steve Liang (SensorUp & University of Calgary)*
- *Women in Innovation Excellence Award - Ling Bai (VL Energy)*



With the support of more than 200 volunteers, PTAC benefits from a powerful collective of expertise, insight, and collaboration.



Governance



Board of Directors



Matt Bryan
Managing Director,
SLB Canada Limited
(Chair)



Meera Nathwani
Crowe
Manager of Technology
and Innovation,
Canadian Natural
(Chair-Elect)



Martin Foy
Chief Operations
Officer, Alberta Energy
Regulator



Nicole Harbauer
Trade Commissioner,
Global Affairs Canada
(Board Observer)



Bryan Helfenbaum
Chief Operating
Officer, CRIN
(Board Observer)



Nannette
Ho-Covernton
Executive Director,
ETC Foundation



Nicole Koosmann
VP Safety, Engineering
& Audit
BC Energy Regulator



Tanya Lambert
Vice President,
Finance, Northback



Anders Nygren
Dean, Schulich School
of Engineering,
University of Calgary



Ken Putt
Independent



Lauren Savoie
President and CEO,
PTAC



Kevin Stashin
Independent



Craig Stenhouse
Principal and Founder,
Shift Critical
International Ltd.



Cheryl Trudell
Climate Manager,
Imperial Oil



Scott Volk
Director of Emissions
and Innovation,
Tourmaline Oil Corp.



Committee Volunteers



AUPRF Oversight Committee

- James Agate, Canadian Natural (Chair)
- Leah Davies, Imperial Oil (Vice-Chair)
- Sharla Howard, Cenovus Energy
- Kellen Forman, Orintiv
- Mike Fulsom, Explorers and Producers Association of Canada
- Scott Volk, Tourmaline Oil Corp.
- Alexandra Robertson, Alberta Energy Regulator

- Jason Brunet, Alberta Energy Regulator
- Lisa Fairweather, Alberta Environment and Protected Areas
- Susan McGillivray, Alberta Environment and Protected Areas
- Caroline Thomson, Alberta Environment and Protected Areas
- Tara Payment, Canadian Association of Petroleum Producers

Technical Committee Representatives

Air Research Planning Committee – Sean Hiebert, Cenovus Energy

Ecological Research Planning Committee – Mark Boulton, Suncor

Remediation Reclamation Research Committee – Jason Desilets, Cenovus Energy

Water Innovation Planning Committee – Tara Payment, Canadian Association of Petroleum Producers

Well Decommissioning Research Committee – Shawn Forster, Cenovus Energy

BioOilSolv Project Steering Committee

- Mohammad Alikarami, BioOilSolv
- Xiaohui Deng, InnoTech
- Iftikhar Huq, Emissions Reduction Alberta
- David Lynch, BioOilSolv
- Danielle Parent, Emissions Reduction Alberta
- Nima Saber, Imperial Oil

CanERIC 2.0 Project Steering Committee

- Mitch Dow, Orintiv
- Claude Ghazar, Alberta Innovates
- Tyler Homan, Teine Energy
- Morgan Wrishko, Cenovus Energy
- Andrea Zabloski, Canadian Natural



PTAC gratefully acknowledges the volunteers whose proficiency, leadership, and commitment help advance innovation, strengthen collaboration, and support the future of Canada's energy sector.



Committee Volunteers



Meteor Biotech Project Steering Committee

- Mohammed Chowdhuri, Alberta Innovates
- Casey Hubert, Meteor Biotech
- Mark Hubert, Meteor Biotech
- Nima Saber, Imperial Oil

Methane Slip: Prabhu Energy Project Steering Committee

- Jonathan Mohan, Natural Resources Canada
- Andie Prabhu, Prabhu Energy
- Edan Prabhu, Prabhu Energy
- Billy Rideout, Prabhu Energy Alberta

PEMS: VL Energy Project Steering Committee

- Adam Abou-Dehn, VL Energy
- Ling Bai, VL Energy
- Shane Patterson, Emissions Reduction Alberta

TEREE Network Co-Chairs

- Lisa Kooy, Cenovus Energy
- Graham Noble, Government of Saskatchewan
- Carolyn Pfau, Alberta Energy Regulator
- Brian Van Vliet, Spartan Controls

UTM Wildfires: AIRmarket Project Steering Committee

- Bruce Duong, Emissions Reduction Alberta
- Nicole Meiklejohn, AIRmarket
- Lindsay Mohr, AIRmarket



Thank you to our committee volunteers for sharing your expertise, leadership, and time in driving industry innovation and collaboration. Your contributions continue to make PTAC's work possible.



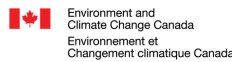
Members & Ecosystem Partners



Associations



Government



Trusted Partner



Learning Institutions



Producers



Research Providers





Members & Ecosystem Partners



Small and Medium-sized Enterprises (SMEs) and Service & Supply Companies

AECOM



AIRmarket

akinè

ambyint

AMGAS
TOTAL EMISSION CONTROL

ALFAPUR
TECHNOLOGIES

ARKON
SOLUTIONS

Arolytics

ASCENT
ENGINEERING | PROCUREMENT | DESIGN



Bioform

BMO Capital Markets

BOREAL

BRIDGEFLOW

BRIDGER
PHOTONICS



CANADIAN
FIBER OPTICS

CANUSA
EPC

CAOEC
CANADIAN ASSOCIATION
OF ENERGY CONTRACTORS

CarbonAi
CarbonAi

Chirality Research

Cinnamon
Consulting Inc.

Clear Rush Co.
A Clean Technology Group

CLEARSTONE
ENGINEERING LTD.

CNTRAL

CMG

Copoint

Delta
CLEANTECH

drift

ENCINO
ENVIRONMENTAL
SERVICES

ENERGYLINK
INTERNATIONAL

EnviroApps

Envirosoft

ENVIROVAULT

eotrac



etalim

ETHOX
ENERGY

ETTER
e. 1946
ENGINEERING

Expansion Power Inc.

ETC
ENERGY TECHNOLOGIES

FOREFRONT
ENERGY

FOUNDRY
SPATIAL

GASPRO
COMPRESSION CORP.

gChem
GAYLORD CHEMICAL

GERI
GENERAL ENERGY
RECOVERY INC.

geoLOGIC
SYSTEMS

GeoTeknica

GHGSAT

GLJ

GLOBAL
power technologies

Grid Environment

HAZTRACK

HETEK
SOLUTIONS INC.

Highwood Emissions
Management

HORIZON
COMPLIANCE

Impact Technology Systems

INFRA TECH
CORPORATION

Waukesha
INNOVATION

InnovCoating
INNOVATIVE COATING TECHNOLOGIES

intricate

ionada



Members & Ecosystem Partners



Small and Medium-sized Enterprises (SMEs) and Service & Supply Companies



Transportation - Midstream





Financials

PETROLEUM TECHNOLOGY ALLIANCE CANADA Statement of Financial Position As at March 31, 2026

	2026	2025
Assets		
Current		
Cash and cash equivalents (Note 3)	\$ 2,926,716	\$ 3,042,448
Restricted cash (Note 4)	8,561,397	7,658,985
Goods and services tax receivable	6,821	10,704
Accounts receivable (Note 4)	243,128	567,438
Prepaid expenses	186,692	130,774
	11,924,754	11,410,349
Equipment and intangibles (Note 5)	2,324	3,201
	\$ 11,927,078	\$ 11,413,550
Liabilities and Net Assets		
Current liabilities		
Accounts payable and accrued liabilities	\$ 1,982,722	\$ 1,544,336
Deferred event revenue	301,472	276,490
Deferred membership revenue	-	47,644
	2,284,194	1,868,470
Deferred Contributions (Note 6)	5,096,672	4,491,979
	7,380,866	6,360,449
Net assets		
Invested in equipment and intangibles	2,324	3,201
Reserve (Note 11)	2,000,000	2,000,000
Internally restricted (Note 11)	2,543,888	3,049,900
	4,546,212	5,053,101
	\$ 11,927,078	\$ 11,413,550



Financials



PETROLEUM TECHNOLOGY ALLIANCE CANADA

Statement of Operations

For the Year Ended March 31, 2026

	2026	2025
Revenue		
Project and service revenue (Note 12)	\$ 3,620,373	\$ 5,151,393
Membership revenue	315,205	378,978
Event revenue (Note 12)	467,176	347,666
Interest income	201,701	129,069
Miscellaneous income	5,520	2,298
	4,609,975	6,009,404
Expenses		
Direct project and service costs	2,515,822	4,194,535
Salaries and wages	1,990,562	1,681,530
Direct event costs	254,071	226,727
Consulting and professional fees	156,461	76,602
Rent	37,582	74,800
Insurance	32,556	33,662
Office and equipment leases	30,962	35,958
Advertising and promotion	29,109	53,310
Computer and website	28,319	29,282
Training	16,401	18,071
Bank and payroll charges	13,793	19,888
Volunteer recognition	8,837	9,627
Donations	1,512	54,100
Amortization	877	1,871
Bad debts	-	85,945
	5,116,864	6,595,908
Excess (deficiency) of revenue over expenses	\$ (506,889)	\$ (586,504)

PTAC's Fiscal Year 2026 Management Discussion and Analysis

The Fiscal Year 2026 Management Discussion and Analysis reports that PTAC remained financially liquid and continued to deliver innovation and collaborative research projects despite a lower-revenue year. Total revenue declined to \$4.6 million from \$6.0 million in FY2025 due to slower project approvals, funding process changes, and reduced project activity, resulting in a deficiency of revenue over expenses of \$0.5 million. PTAC increased total cash and restricted cash holdings to \$11.5 million, strengthened corporate governance and reporting practices, and continued delivery of projects in methane reduction, digital operations, well decommissioning, remote sensing, environmental monitoring, and site remediation. Through its low-overhead collaborative model, PTAC supported more than 47 active projects and mobilized approximately \$24.1 million in total project resources, most of which came from partner cash and in-kind contributions rather than PTAC-managed funds. Looking ahead, management's FY2027 priorities are to expand the funded project pipeline, maintain cost discipline, strengthen forecasting and governance, and continue supporting innovation and collaboration across Canada's upstream oil and gas sector.

1. If the information in this summary paragraph differs from the full MD&A, the full MD&A will be considered correct.



Thank You!



Contact Us

Reach out to learn more about PTAC's programs, partnerships, membership and how we can work together to advance energy solutions.



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EMAIL US

info@ptac.org



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