

CEO's Message



This quarter supported a notion we have held for a long time: that Canadian energy technology moves fastest to market adoption when investment capital, industry operators, and government support pull in the same direction.

In this issue, eight made-in-Canada methane technologies were selected for the NGIF Accelerator **Methane Reduction Demonstration Program (MRDP)**, backed by \$2.8 million from the Government of Alberta and our NGIF Accelerator Industry Grants members. That funding matters, but the access to industry operators and technology development data from the demos they host matter just as much; it is what turns a promising prototype into a commercial technology solution for widespread adoption.

The rebrand of the **NGIF Emissions Testing Centre** program to the **Methane Innovation Collaborative (MIC)** reflects the same evolution: from a testing facility to an end-to-end adoption platform spanning lab simulation, field validation, and commercialization support.

On the venture side, **NGIF Capital** published its **2025 Cleantech Ventures Performance Report** covering our 14 portfolio companies. The venture capital sector faced real headwinds; however, our partner model held up, and our portfolio companies continued building new customer orders, with some pivoting into new markets. This quarter, ARIX launched the **VENUS RTR+PEC** for pipeline inspection, and Xplorobot's leak detection work was profiled in *Forbes*.

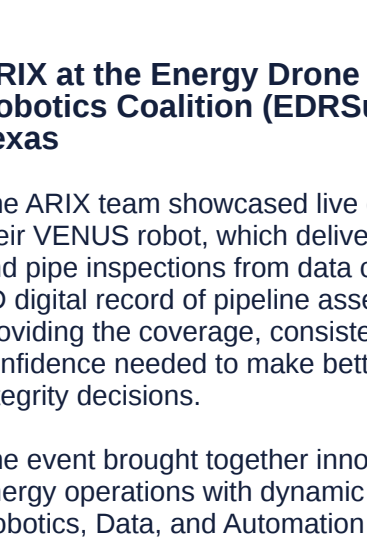
The **NGIF Accelerator** partnership with the **North American Gas Heat Pump Collaborative**, including our industry Grant member utilities and U.S. utilities, shows the power of operators pulling together to fill a gap in the market, with Robur commissioning North America's first commercial gas heat pump pool heating installation with the City of Delta, BC. In addition, Mantel Technologies, an Industry Grants recipient, took its molten borates carbon capture technology to Eni Next in Milan, Italy.

We also launched, through the MIC Commercialization Support Pillar 1, the **Methane Technology Landscape**, a global database connecting methane management solutions with the operators and investors interested to deploy them. Discovery is a real barrier to adoption, and this landscape tool is our attempt to remove it.

The applications for our next **MRDP** cohort are open until September 29. If you're building in this space, we want to hear from you.

Thank you to our industry partners, government sponsors, investors, and innovators for the work you make possible. The road from technology to a more responsible and secure energy future is built by all of us, together.

John Adams,
President and CEO, NGIF Capital & NGIF Accelerator
Managing Partner, Cleantech Ventures



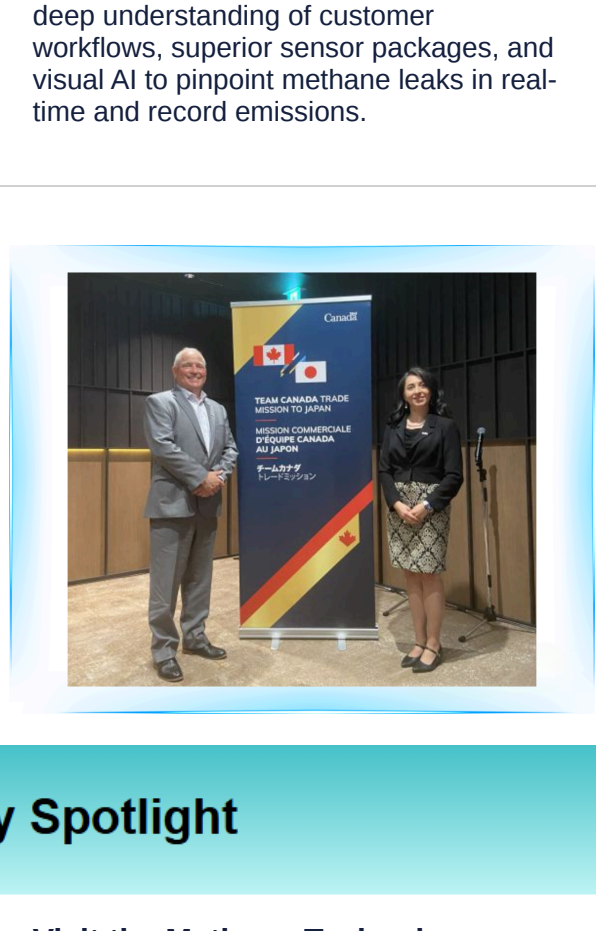
Natural Gas Innovation for Canada and the World

Ventures

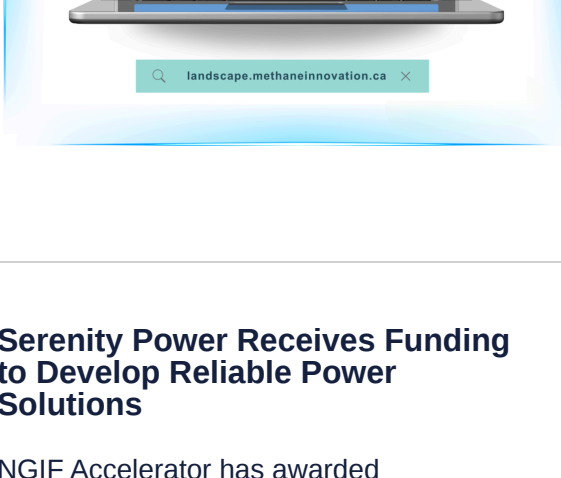
NGIF Capital publishes 2025 Cleantech Ventures Performance Report

Highlighting advancements in its 14 portfolio companies focused on emissions reduction for the energy industry. Despite challenging conditions for the sector, the Fund's partner model has proven effective in minimizing execution risks, maximizing funding sources, and enhancing growth efficiency.

Read more [here](#)



Portfolio News and Highlights



ARIX launches VENUS RTR+PEC for pipeline inspections

The VENUS RTR+PEC is a robotic system that uses Real-Time Radiography (RTR) and Pulse Eddy Current (PEC) technologies to thoroughly inspect pipelines for Corrosion Under Insulation (CUI).

It replaces manual inspections by offering simultaneous RTR, PEC, and visual assessments, featuring 360° coverage, high-quality imaging, faster scanning rates, and accurate data recording. It enhances inspection consistency and creates a complete digital record aligned with 3D models of piping systems.

ARIX at the Energy Drone & Robotics Coalition (EDRSummit) in Texas

The ARIX team showcased live demos of their VENUS robot, which delivers end-to-end pipe inspections from data capture to a 3D digital record of pipeline assets, providing the coverage, consistency, and confidence needed to make better pipeline integrity decisions.

The event brought together innovators in energy operations with dynamic UAV, Robotics, Data, and Automation solutions.



Xplorobot in Forbes

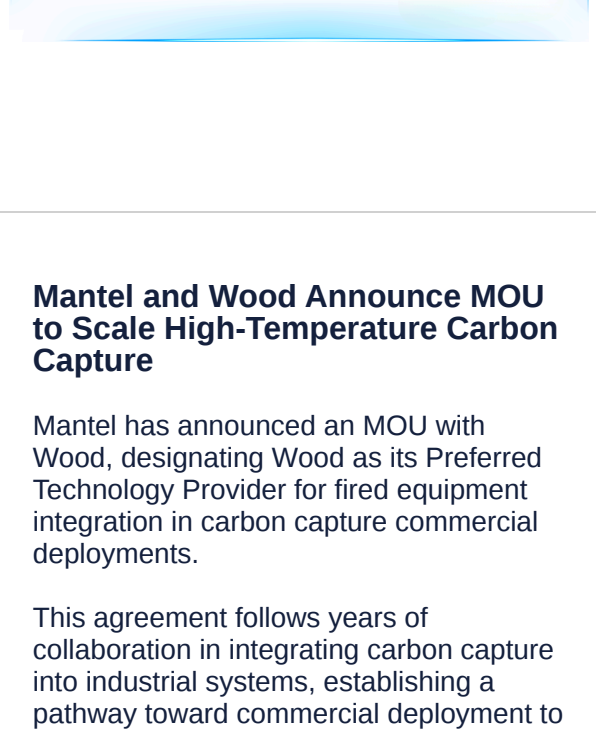
Xplorobot's CEO, Dr. Oleg Mikhailov, was recently interviewed by Forbes about Xplorobot's technology, the Laser Gas Imager, an advanced leak-detection device powered by artificial intelligence to measure and monitor emissions.

The article titled "Robotics, Drones & AI For Monitoring Energy Infrastructure" highlighted how Xplorobot leverages a deep understanding of customer workflows, superior sensor packages, and visual AI to pinpoint methane leaks in real-time and record emissions.

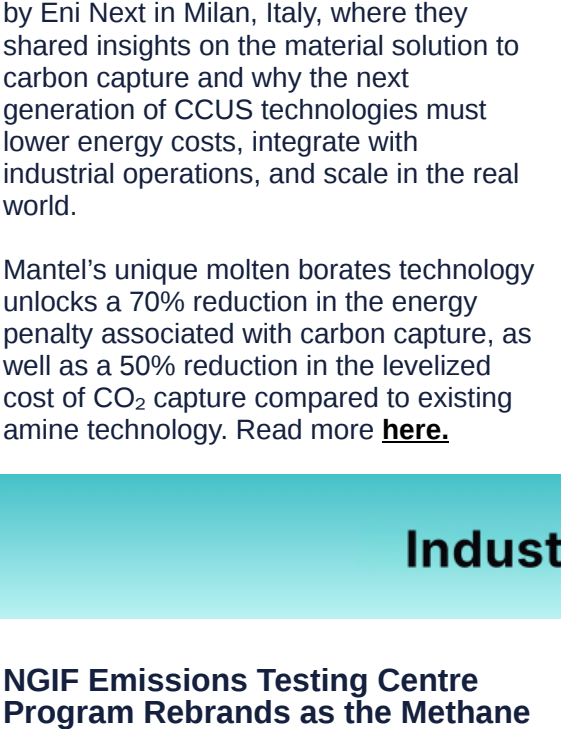
Carbonova in Japan

The Carbonova team was on the Team Canada Trade Mission in Japan, focusing on establishing connections in manufacturing, technology, and industrial sectors.

The mission facilitated discussions about advanced materials and carbon nanofiber (CNF)-enabled products, emphasizing Japan's expertise in these areas. A vital engagement for CNF integration across various applications.



Technology Spotlight



Visit the Methane Technology Landscape

Built to address a common barrier to deployment, the Methane Technology Landscape is a global, integrated database of methane management technologies that provides a comprehensive, data-driven overview of solutions across the natural gas value chain, including measurement, monitoring, and reduction.

By consolidating solutions into one accessible resource, the tool connects technologies with the operators and investors best positioned to adopt and deploy them. Explore the landscape [here](#)

Serenity Power Receives Funding to Develop Reliable Power Solutions

NGIF Accelerator has awarded \$231,792.53 to Serenity Power to develop compact solid oxide fuel cells (SOFC). This funding supports the creation of efficient, flexible fuel cells that operate on natural gas or hydrogen, aimed at providing reliable power for locations with unreliable traditional energy sources.

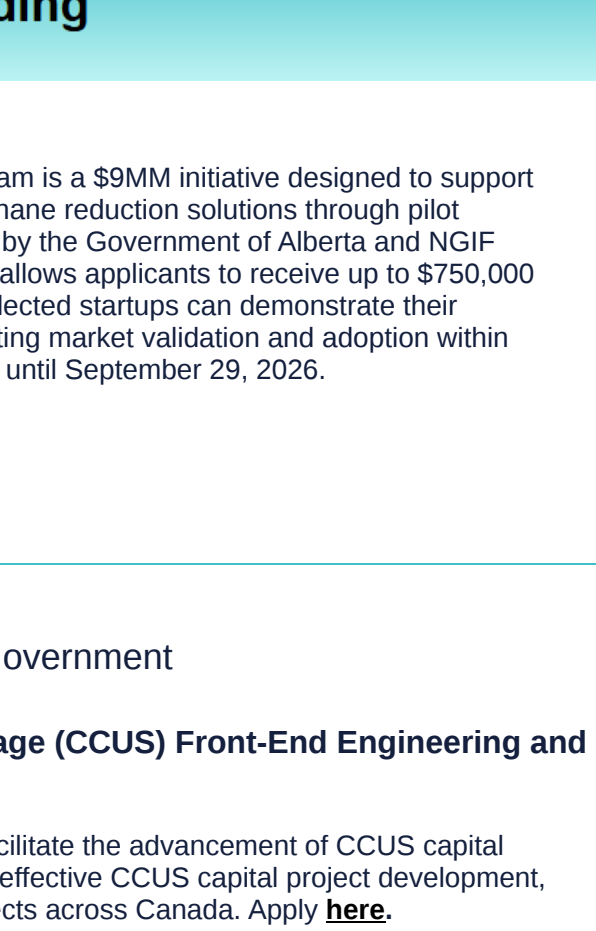
Currently, Serenity Power is working on a 100W prototype, with plans to produce larger units that will generate up to 1kW for industrial and remote areas. Read more [here](#).



Robur deploys the first commercial pool water heating application in North America

An Industry Grants program recipient, Robur, in partnership with the City of Delta, BC, has successfully completed the first installation and commissioning of three Robur GAHP-A Plus units at the Ladner Leisure Centre.

The gas heat pump technology is designed to offset a large portion of the pool water heating load from the existing boiler system, increasing water heating efficiency and reducing natural gas consumption at the facility. Read more [here](#).



Mantel and Wood Announce MOU to Scale High-Temperature Carbon Capture

Mantel has announced an MOU with Wood, designating Wood as its Preferred Technology Provider for fixed equipment integration in carbon capture commercial deployments.

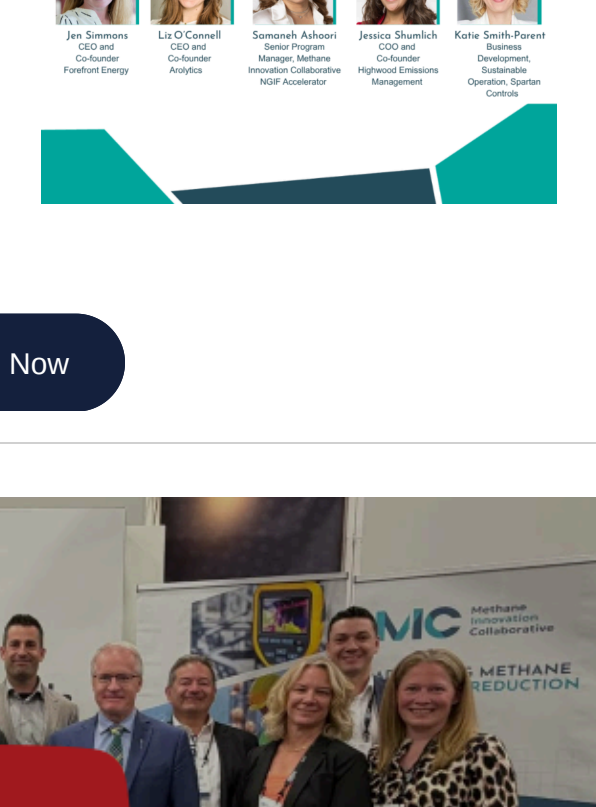
This agreement follows years of collaboration in integrating carbon capture into industrial systems, establishing a pathway toward commercial deployment to combine Mantel's molten-borate technology with Wood's expertise to create a scalable solution for hard-to-abate sectors. More details [here](#).



Mantel at EniNext Day 2026 in Italy

The Mantel team attended the venture capital and open innovation event hosted by Eni Next in Milan, Italy, where they shared insights on the material solution to carbon capture and why the next generation of CCUS technologies must lower energy costs, integrate with industrial operations, and scale in the real world.

Mantel's unique molten borates technology unlocks a 70% reduction in the energy penalty associated with carbon capture, as well as a 50% reduction in the levelized cost of CO₂ capture compared to existing amine technology. Read more [here](#).

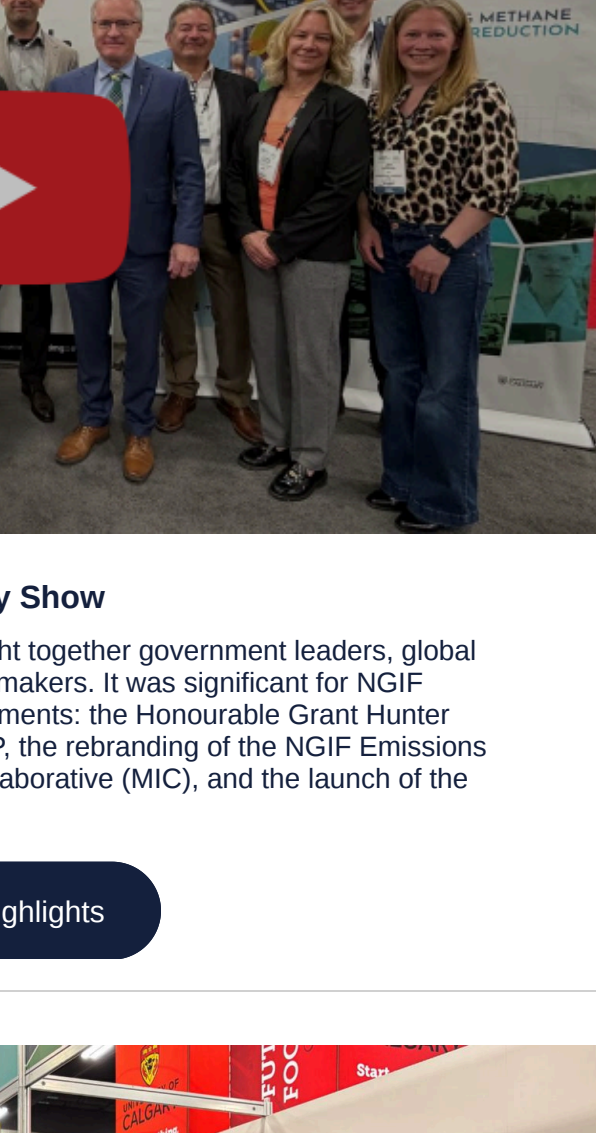


Industry News

NGIF Emissions Testing Centre Program Rebrands to the Methane Innovation Collaborative (MIC)

Announced at the Global Energy Show by the Honourable Grant Hunter, the Minister of Environment and Protected Areas, and the consortium behind the program, the rebrand marks a significant evolution of one of Canada's leading methane reduction initiatives.

The rebrand reflects its expanded scope and solidifies its role as a nationally recognized hub for testing, validating, and commercializing technologies that measure, monitor, and reduce methane emissions. More details [here](#).



NGIF Accelerator Releases 2025 NGIF ETC (Now MIC) Performance Report

NGIF Accelerator released its 2025 NGIF Emissions Testing Centre (ETC), now Methane Innovation Collaborative (MIC), performance report, highlighting a transformative year in which the program evolved into an end-to-end solution platform, including simulation testing, live field testing, and full commercialization support for methane reduction technologies.

Read the full report [here](#).



Funding

MRDP Cohort Open for Applications

The Methane Reduction Demonstration Program is a \$9MM initiative designed to support energy technology startups in developing methane reduction solutions through pilot demonstrations in energy operations. Funded by the Government of Alberta and NGIF industry members' contributions, the program allows applicants to receive up to \$750,000 per project, covering 75% of eligible costs. Selected startups can demonstrate their technologies at multiple operator sites, facilitating market validation and adoption within Alberta's energy sector. Applications are open until September 29, 2026.

Register for the upcoming webinar [here](#).

Apply [here](#).

Federal Government

Carbon Capture, Utilization, and Storage (CCUS) Front-End Engineering and Design (FEED)

The CCUS FEED is calling for proposals to facilitate the advancement of CCUS capital projects, advance knowledge sharing on cost-effective CCUS capital project development, and accelerate the deployment of CCUS projects across Canada. Apply [here](#).

Strategic Response Fund (SRF)

The Strategic Response Fund (SRF) aids Canadian businesses in innovation and industrial transformation to enhance competitiveness in a global economy. It supports large-scale R&D and innovation projects in key sectors, including critical minerals, aerospace, cleantech, biomanufacturing, and life sciences. Learn more [here](#).

Provincial Government

Alberta Carbon Capture Incentive Program

The Alberta Carbon Capture Incentive Program (ACCIP) will support and accelerate the development of new carbon capture, utilization, and storage (CCUS) infrastructure by providing incentives for facilities to incorporate this technology into their operations. Learn more [here](#).

Saskatchewan Advantage Innovation Fund

The SAIF program supports key industries such as mining, energy, manufacturing, and healthcare by providing up to \$450,000 in non-dilutive funding for tech startup R&D projects, helping them commercialize solutions and enhance sector competitiveness. Apply [here](#).

Green Transition Fund Program

The Government of Newfoundland and Labrador is providing up to \$3 million in grant funding to businesses, organizations, post-secondary institutions, and industry associations to assist with the province's transition to a green economy. The program will de-risk commercial and non-commercial activities that facilitate collaboration, investment, and industry growth required for the transition. Learn [more](#).

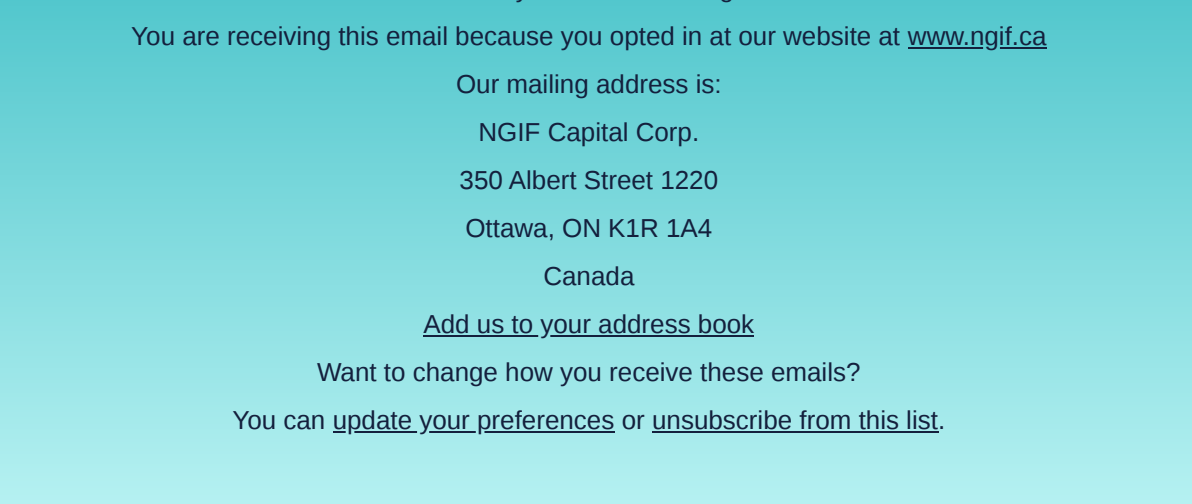
Events

Webinars, Conferences and Workshops

TechTalk Sessions: Built to Lead: Women Founders on the Frontlines of Methane Innovation

Watch the recording of a candid conversation with women leaders who are advancing methane reduction technologies and driving change across the energy sector.

Whether you're developing methane solutions, supporting innovation, or navigating commercialization in the energy sector, the session delivered real insight from leaders shaping the future of methane mitigation.



NGIF Accelerator at the Global Energy Show

The Global Energy Show Canada 2026 brought together government leaders, global executives, innovators, and industry decision-makers. It was significant for NGIF Accelerator, marked by three major announcements: the Honourable Grant Hunter announced the first eight finalists of the MRDP; the rebranding of the NGIF Emissions Testing Centre to the Methane Innovation Collaborative (MIC); and the launch of the Methane Technology Landscape.



MIC's Tech Expo and Panel Session at the Global Energy Show

Formerly the NGIF Emissions Testing Centre, the Methane Innovation Collaborative (MIC) held a three-day Technology Exposition at the Global Energy Show, featuring 26 technologies that had an opportunity to showcase their methane solutions on a global stage. The MIC team was on a panel that highlighted recent milestones from the program and how it is accelerating the validation and adoption of methane technologies. Read [more](#).

METHANE REDUCTION DEPLOYMENT PROGRAM

ERA's Latest Webinar on the Methane Reduction Deployment Program

Watch the recording for Emissions Reduction Alberta (ERA)'s latest webinar on the Methane Reduction Deployment Program. Whether you're a technology participant exploring an application, this information session covers the latest \$19.4 million in funding and what it means for eligibility, funding, and your path to approval. Watch [now](#).

Upcoming Events—Mark Your Calendar

TECHNOLOGY ADOPTION PLATFORM

Proven technology deserves a path to market.

TAP was built for you.

Operators. Investors. Funders. All in one platform.

Calling all Operators and Investors, Register for MIC's TAP Pitch Day

The next TAP Pitch Day takes place on September 24, 2026. The third pillar of commercialization support delivered by NGIF Accelerator, TAP, offers access to a curated selection of pre-screened, near-commercial technologies, providing an opportunity to engage directly with innovators and hear first-hand experiences from industry champions who have successfully deployed these technologies in real-world settings. Register [here](#).

CELEBRATING 30 YEARS OF COLLABORATIVE INNOVATION

AGM • Awards • Trivia • Networking • Cake & Cocktails

2:30 PM - 6:00 PM | Calgary Petroleum Club | September 10, 2026

PTAC @ 30

Join the PTAC team on September 10 from 2:30 PM to 6:00 PM at the Calgary Petroleum Club, Devonian Room, to celebrate PTAC's 30th Birthday during their Annual General Meeting. The event will feature awards, trivia, networking, guest speakers, cocktails, and birthday cake, as well as organizational updates and recognitions of milestones and partnerships that have shaped PTAC over three decades. Register [here](#).

Team

Q2 Quarterly Champion Award 2026: Dini Philip

Congratulations to Dini Philip on receiving this quarter's Champion Award. An Events and Marketing Specialist with NGIF Capital and NGIF Accelerator, Dini's exceptional event management abilities have been truly outstanding. She demonstrates ownership and attention to detail, ensuring all NGIF initiatives are well represented and well executed in internal and external events.

About NGIF Capital

NGIF Capital is a venture capital firm and for-profit investment arm of NGIF with a dedicated team of professionals that operates current and future investment funds. NGIF Capital is unique in how it brings energy industry leadership to every investment, with strong connections to every part of the value chain. NGIF Capital currently operates Cleantech Ventures Fund I.

About NGIF Accelerator

NGIF Accelerator is the not-for-profit arm of NGIF Capital and operates all technology and innovation programs. The NGIF Accelerator mandate is to de-risk and accelerate technology development by supporting startups through their pilot projects, field trials, and industry validation. It will coordinate with federal and provincial governments to co-fund projects to advance market commercialization. NGIF Accelerator currently operates the Industry Grants program and administers the Methane Innovation Collaborative (MIC).

Copyright © 2024 NGIF Capital Corp. / NGIF Accelerator. All rights reserved.

Thank you for subscribing!

You are receiving this email because you opted in at our website at [www.ngif.ca](#)

Our mailing address is:

NGIF Capital Corp.

350 Albert Street 1220

Ottawa, ON K1R 1A4

Canada

[Add us to your address book](#)

Want to change how you receive these emails?

You can [update your preferences](#) or [unsubscribe from this list](#).