

## CEO's Message

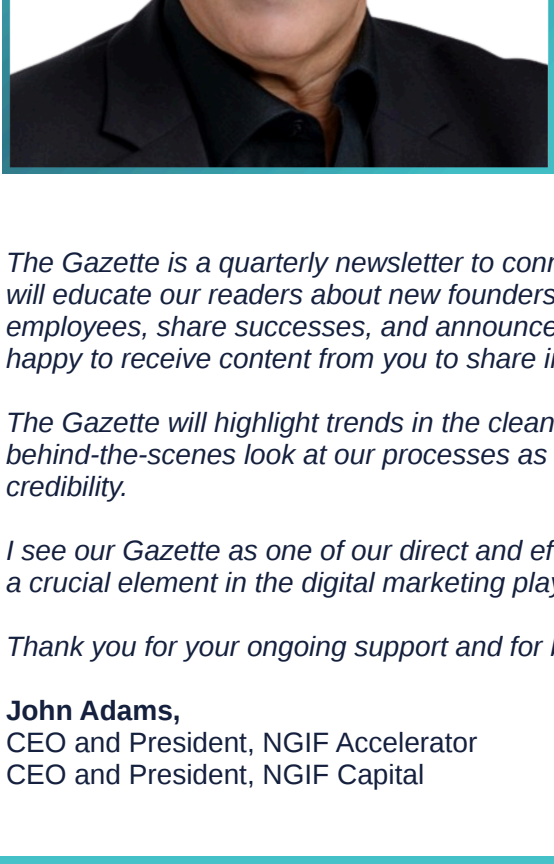
To our valued NGIF stakeholders:

Welcome to NGIF's premier newsletter, called the Gazette.

I am excited to connect with you on this platform and share meaningful updates happening at our two organizations, NGIF Accelerator and NGIF Capital, as well as with our industry, government, and startup stakeholders.

As we continue to build on the opportunities in the evolving innovation ecosystem, our collective efforts are making a tangible impact in Canada.

From developing innovative solutions to fostering valuable connections, our work is shaping the future of clean technology for the natural gas industry.



The Gazette is a quarterly newsletter to connect with our stakeholders on a regular basis. It will educate our readers about new founders and their cleantech solutions, highlight employees, share successes, and announce upcoming events or funding calls. We are also happy to receive content from you to share in our newsletter.

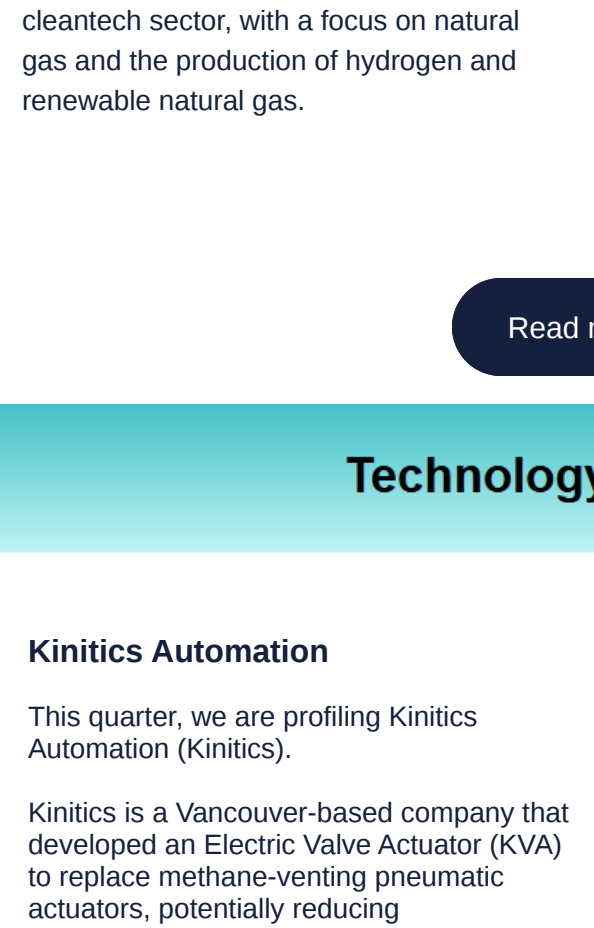
The Gazette will highlight trends in the cleantech, startup, or natural gas industry, showing a behind-the-scenes look at our processes as we continue to build and extend trust and credibility.

I see our Gazette as one of our direct and effective mediums for communication, representing a crucial element in the digital marketing playbook.

Thank you for your ongoing support and for being a part of the NGIF community.

**John Adams,**  
CEO and President, NGIF Accelerator  
CEO and President, NGIF Capital

## Ventures



### Carbon Capture: OMI Day Insight

At NGIF Capital, we held an Operator Market Intelligence (OMI) day some time ago, where we leveraged the collective minds of our investors to share knowledge and foster discussion on CCUS.

[Read more](#)

### Cleantech Ventures Fund I Performance Report for 2023.

The report highlights the progress and success of our portfolio companies in the cleantech sector, with a focus on natural gas and the production of hydrogen and renewable natural gas.



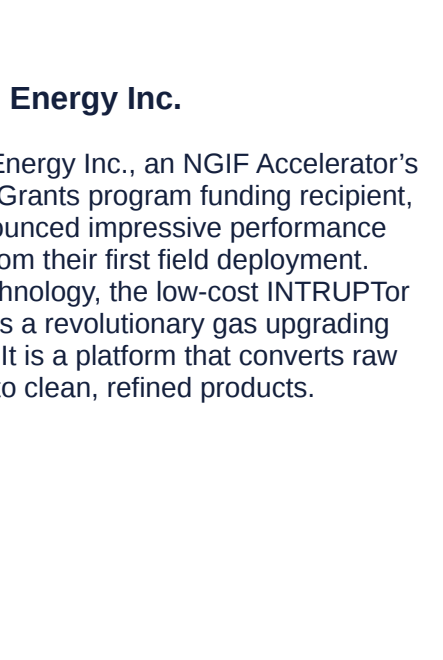
[Read more](#)

## Technology Spotlight

### Kinitics Automation

This quarter, we are profiling Kinitics Automation (Kinitics).

Kinitics is a Vancouver-based company that developed an Electric Valve Actuator (KVA) to replace methane-venting pneumatic actuators, potentially reducing greenhouse gas emissions by eliminating methane from natural gas-driven actuators.



Kinitics has been a part of the NGIF ecosystem since 2019 and is one of a handful of companies that are embedded in our full platform.

They have tested their technology through the NGIF Emissions Testing Centre program for technology validation and accelerated the development of their technology through funding from its Industry Grants program.

They have also received an equity investment from Cleantech Ventures Fund I.

Meet **Dean Pick**, the President and Founder of Kinitics, and learn more about their technology.

[Watch the Spotlight Interview](#)



### Hydron Energy Inc.

Hydron Energy Inc., an NGIF Accelerator's Industry Grants program funding recipient, has announced impressive performance results from their first field deployment. Their technology, the low-cost INTRUPTor system, is a revolutionary gas upgrading solution. It is a platform that converts raw gases into clean, refined products.

[Read more](#)

### Hyperion Global Energy

Hyperion Global Energy, an NGIF Accelerator's Industry Grants program recipient, unveils the world's first Tandem Carbon Recycling System with Lafarge Canada. Hyperion's patented circular carbon technology works in tandem with hard-to-abate industries to divert CO<sub>2</sub> emissions from entering the atmosphere.



[Read more](#)

## Funding

### Alberta Innovates – Methane Emissions Reduction Program

The Methane Emissions Reduction Program supports technologies that detect, monitor, and mitigate methane emissions reductions from Alberta's oil and gas industry.

Funding is open to all categories of lead applicants, including technology developers, industry, industrial associations, small and medium-sized enterprises, research and development (R&D) organizations, post-secondary institutions, municipalities, not-for-profit organizations, government research labs, individuals, and others who are advancing technology development within a Technology Readiness Level (TRL) range of 3–7.

[Apply](#)

### Energy Innovation Program – NRCan

Energy Innovation Program—Renewable Energy Demonstrations Call (NRCan): The call is open to demonstration projects that improve local energy systems through innovative renewable heat or power generation and/or integration. Applications will be scored against their ability to meet the call objectives.

[Apply](#)

## Industry Innovation

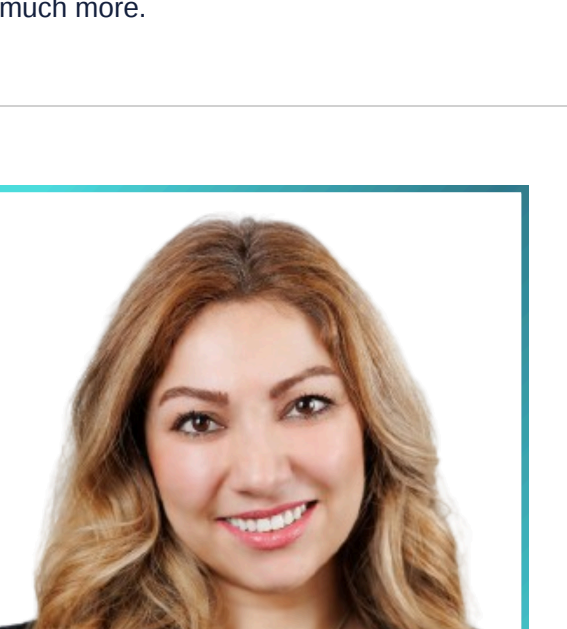
- **ATCO Ltd.**, an Industry Grants program participating member and a Limited Partner in Cleantech Ventures Fund I in a first-of-its-kind project for Alberta, began delivering a blend of natural gas containing five per cent hydrogen by volume into a subsection of the Fort Saskatchewan natural gas distribution system in October 2022. [Read more.](#)

- **Shell**, an Industry Grants program participating member, recently announced the Final Investment Decision (FID) for Polaris, a carbon capture project at the Shell Energy and Chemicals Park, Scotford, Alberta, Canada. Polaris is designed to capture approximately 650,000 tonnes of CO<sub>2</sub> annually from the Shell-owned Scotford refinery and chemicals complex. [Read more.](#)

- Celebrating Excellence in Alberta Cleantech - **Prairies Economic Development Canada (PrairiesCan)** wins Funder of the Year at Foresight's Second Alberta Cleantech Awards.

### Government of Alberta Awards NGIF ETC Program \$15MM

The NGIF ETC program receives \$15 MM from the Government of Alberta Environment and Protected Areas. This funding will support the ongoing efforts of the ETC program to accelerate the testing and development of methane management technologies.



[Read more](#)

## Events



### NGIF Accelerator's Global Cleantech Challenge Finalists Announced at IGRC2024 in Banff, Canada.

The finalists of the NGIF Accelerator Global Cleantech Challenge have officially been announced at the International Gas Research Conference (IGRC) 2024 in Banff. The Challenge was a funding call to small and medium enterprises (SMEs) and startups with clean technology solutions from around the world to lower emissions for natural gas.

The finalists were awarded a grant of ~ \$6.3MM (CAD) to support the development of their pre-commercial clean technology solution and an opportunity for its validation through a demonstration at one of our member companies to evaluate product-market fit.

[Watch the recap](#)

### Methane Mitigation Canada:

The NGIF Accelerator's team will be at Methane Mitigation Canada, happening in Calgary between September 30 and October 2, 2024. [Register now.](#)

### CGA Energy Nexus & Annual Technical Conference 2024:

CGA is hosting its second joint Energy Nexus and Annual Technical Conference in Toronto on October 7–10, 2024. The events are brought together to offer a one-stop event for the industry. Registration is [now open](#).

## Team



### Meet Michael Herbert

A Principal at NGIF Capital.

Michael is a seasoned venture capitalist, a retired investment banker, and a connoisseur of overnight oats.

Michael's superpower is detailing! The logo must be aligned on the deck before you bring it to Michael's desk!

### Meet Our New Member

Meet our new team member, Jose Beleno.

Jose will be an Analyst, Technology Evaluation working on the NGIF Accelerator Technology and Innovation team.

He will be responsible for conducting technology scans, assessments, benchmarking, competitive analysis on cleantech priority areas, identifying technology gaps and opportunities, and much more.



### Quarterly Champion Award

The quarter-final Champion Award goes to Sam Ashoori.

Sam's outstanding dedication and commitment to excellence, demonstrated through her exemplary performance in assuming the ETC role alongside her existing Industry Grants responsibilities, have truly set her apart.

Her tireless efforts and ability to handle multiple competing tasks have been instrumental in our team's success during this period.



## Government

- The Harry J. Enns Wetland Discovery Centre in Manitoba has received \$6MM in financing from the Government of Canada. According to estimates, these upgrades will cut yearly greenhouse gas emissions by 1.2 tons and energy usage by 49.9%, contributing to the development of the Green Prairie Economy.

- Minister Vandal announces federal funding to strengthen Saskatchewan's technology sector. \$2,571MM from PrairiesCan will support Co.Labs' tech incubator.

Uniting the Prairies, or "UP," is an annual event that Co.Labs organizes that brings together hundreds of investors, start-ups, and community members from Saskatchewan, Alberta, and Manitoba to highlight developments and accomplishments in the Prairie tech industry.

### 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 NGIF Emissions Testing Centre program.



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