

Canada's Net-Zero Landscape & Startup Ecosystems in Canada

Jeanette Jackson
Chief Executive Officer



With gratitude and respect, we acknowledge that the lands on which Foresight operates are **the traditional, ancestral, and unceded territories of the First Nations, Inuit, and Métis peoples.**

Our Goal: **Canada is** **the first G7** **country to** **reach net zero**

To accelerate the transition, we need to rapidly launch, commercialize, and scale climate solutions.

With the support of our Helix 5 partners – innovators, industry, investors, government, and academia – Foresight is relentlessly driving cleantech innovation in Canada.



We accelerate cleantech through...



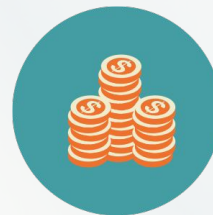
Accelerator Programs

Proven successful programs
available across Canada



Innovation Challenges

Problem-driven approach to
solving industry challenges



Capital Attraction

Program and matchmaking for
funding at all stages



Export Development

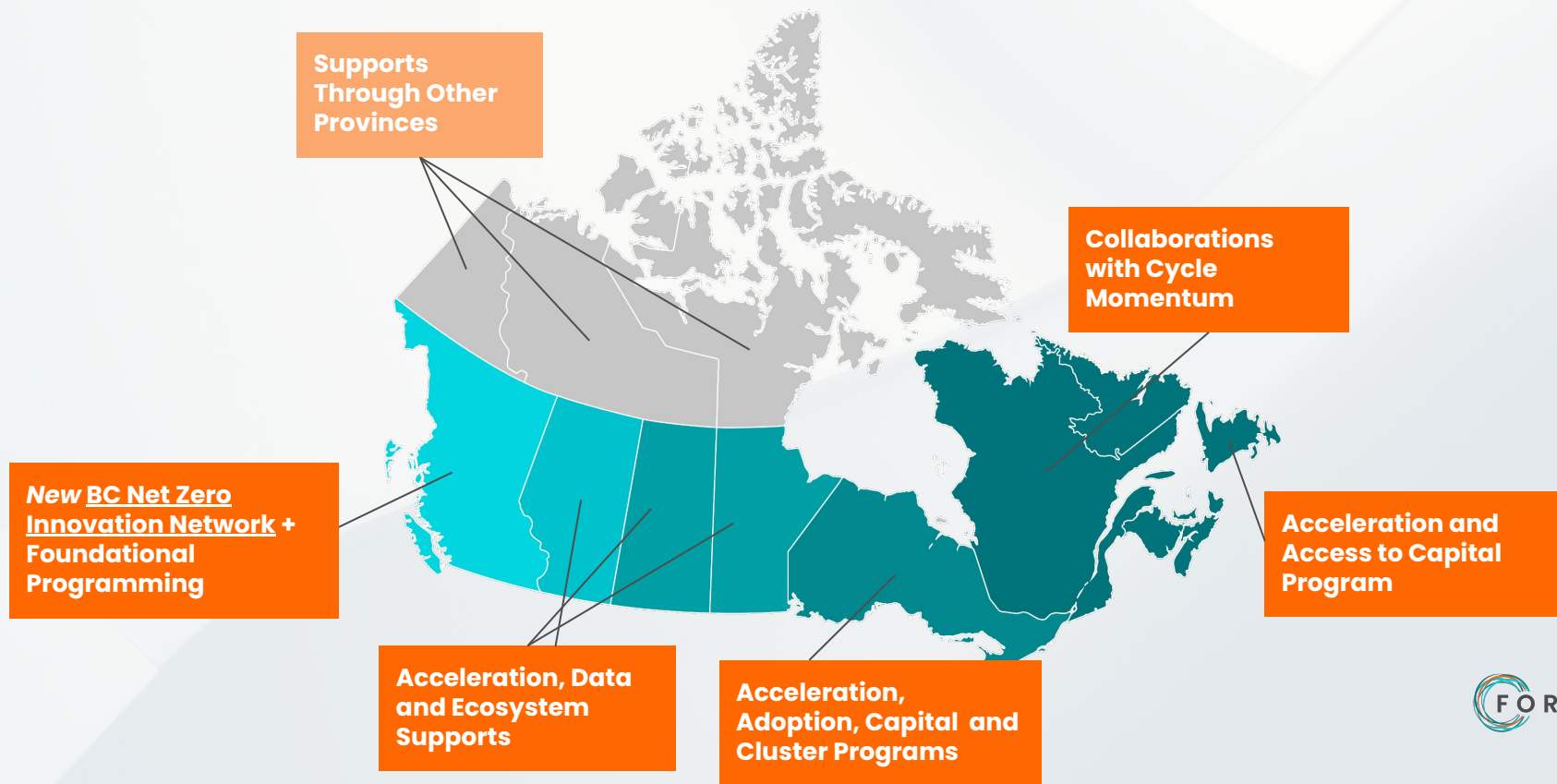
Market intelligence, industry
roadmaps, data, and events



Ecosystem Building

Diverse networks for
collaboration and leverage

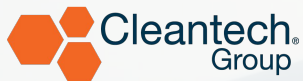
Foresight Across Canada



A Collaborative Partnership Network

We have engaged 150+ industry partners, 300+ investor firms, and our partnership network includes 25 intermediaries such as accelerators, industry associations and communities across the country.

Through this work, we have identified key gaps and opportunities for Canada to lead. *Here are just a few of our collaborators.*



We're proud of our impact.

Since 2015, our work has led to...

\$2B+

Economic Impact

7,200+

Green Jobs

\$1.44B

In Capital Support

930+

SMEs Supported

\$419M

Revenue Generated

52

Innovation Challenges



Towards Net Zero

We are cleantech focused & sector agnostic

and have supported cleantech ventures in agritech, built environment, carbon, energy, water, and more, including hardware, software, and services.

agriNEXT 

buildNEXT 

bioNEXT 

carbonNEXT 

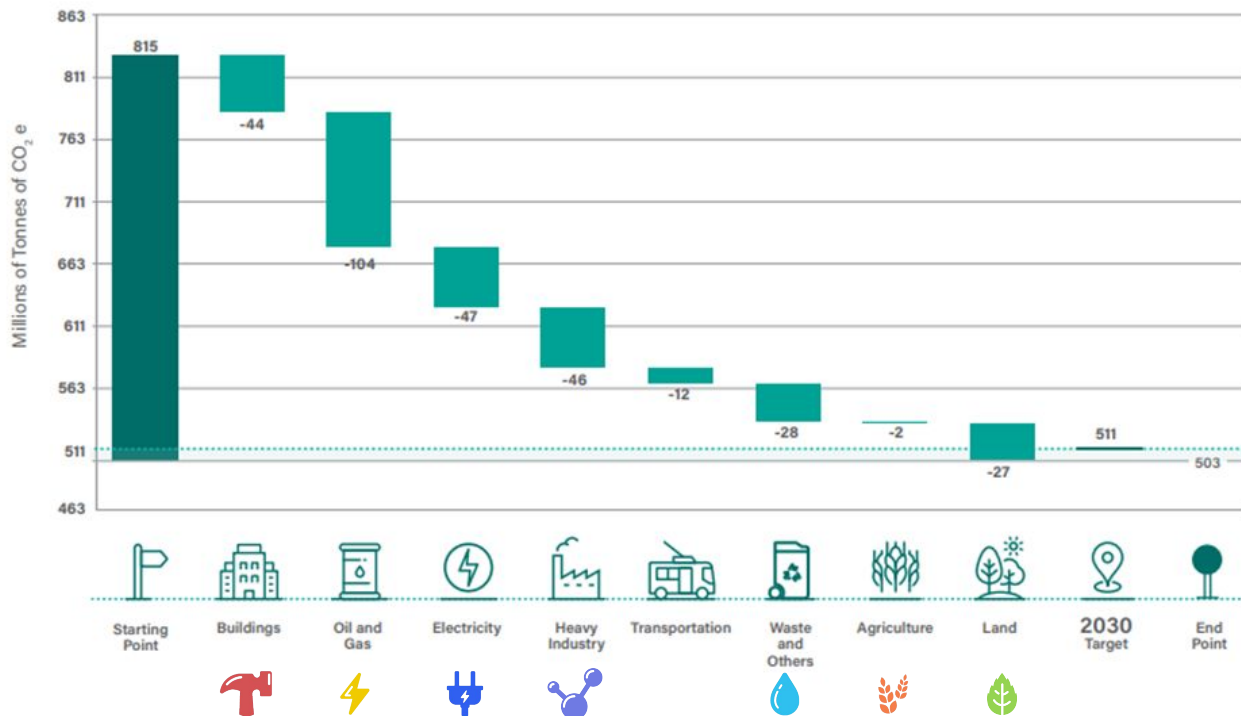
energyNEXT 

powerNEXT 

waterNEXT 

Trends & Predictions

PROGRESS TO CANADA'S 2030 EMISSIONS TARGET



Source:
[Environment and Climate Change Canada "A Healthy Environment and A Healthy Economy", 2020](#)

agriNEXT

Catalyzing Canadian
Agriculture Innovation



Innovation Challenges

Challenges Impacts to Date

50+

Challenges
Hosted

\$680M

In Economic
Activity Generated

68.9Mt

Projected GHG
Emissions Reduced

Challenge Options to Meet Your Needs, Timelines, and Budget

1. **Specific:** A fast, inexpensive solution to understanding the technology state-of-play for your specific needs and scope.
2. **Standing:** An ongoing supported and curated innovation stream to constantly source solutions as they arise in your areas of need.
3. **Medium:** A scaled-up version of the specific call that includes independent third party expert scoping and evaluation.
4. **Large:** A specific 'at-scale' challenge to source global solutions. Includes independent fairness monitor, third-party scoping and evaluation, a dedicated team and marketing campaign, and an optional pathway to pilot or implementation.

Current and Previous Challenges



Case Study 1: IFAO

Sourcing innovative solutions that improve farmers' nutrient management while improving soil health.



Case Study 2: Vestas

Found two circular economy solutions for wind turbine blades.



Case Study 3: CMPC

Sourced 2 solutions to recover fibers from the waste water sludge produced during manufacturing process.



Case Study 4: CRIN

\$25 million competition to reduce the carbon intensity of Canada's Oil and Gas Industry.

That's a bit about us.

We're excited to learn more about you
and explore opportunities to collaborate.



Jeanette Jackson, CEO
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| Appendix

Canada's Net-Zero Landscape & Startup Ecosystems in Canada Keynote

The Japan External Trade Organization (JETRO), a Japanese government innovation promotion agency, in conjunction with Global Affairs Canada's Trade Commissioner Service, the National Research Council Canada (NRC-IRAP), the Governments of Alberta, BC, Nova Scotia, Ontario and Quebec as well as other supporting organizations across Canada, including Foresight and others, have organized a reverse-pitch programme focused on net zero related technologies.

Part of JETRO's "Generating Innovation with Japan" (GIJ) Series, this event will give Canadian startups and tech firms an opportunity to review reverse-pitch presentations from some of Japan's top business leaders, explain their innovation solutions and schedule B2B meetings. The participating Japanese companies are seeking new technologies, innovation and business models to introduce to the Japanese and global markets or for their own purposes. Currently 11 notable Japanese companies have confirmed their registration and their company profiles and specific innovation needs related to net zero are linked [here](#).

Participating companies include:

- Several large Japanese trading firms involved in many different business areas (Marubeni, Mitsubishi, Mitsui, Sojitz and Sumitomo)
- Three manufacturers of trucks & buses (Mitsubishi Fuso Truck & Bus), auto parts (Aisin) and measuring equipment (Toyo)
- Japan's largest oil & gas company (ENEOS)
- One of the top Japanese construction companies (Takenaka)
- And a VC firm (Hike Ventures) that has invested in many early-stage Canadian AI startups.

Event Programme (Part 1):

- Reverse Pitches by Japanese Companies (Launch scheduled for Mon, Mar 6)
- Japanese firms will release reverse-pitch presentations and related material on the event platform to explain about their company and highlight their innovation/business needs related to net zero.
- (Note: Canadian companies must register and upload their profiles on the event platform in order to view the reverse-pitch presentations. Approx. 1 week to review and request B2B meetings.)