

Bioindustrial Innovation Canada (BIC)

Canada's National Sustainable Chemistry Accelerator

Scaling Up™ 2022

BIC Mission

Create Jobs &
Economic Value
Sustainably for
Canada



Canada's National Sustainable Chemistry Accelerator

Founded in 2008

Provides critical business acceleration support and services to developers of clean, green, and sustainable technologies

Provides critical strategic investment to early-stage companies

Employs and deploys a team of technical experts in sustainable chemistry to provide added value to start-ups

Is currently working to support Canada's Net-Zero targets



Industrial
Biochemistry



Sustainable
Processes



Circular
Economy

Our Results in Commercialization



\$19M in Direct Investment

\$355M in 3rd Party Investment for **32** SMEs

Attracted **\$1.8B** in Additional Investment



Canada's Road to Net-Zero



Challenges	Opportunities
<ul style="list-style-type: none">• Competition for international investment<ul style="list-style-type: none">• Bio Preferred, Inflation Reduction Act, Climate Smart Commodities Investments	<ul style="list-style-type: none">• Prioritize clean energy and green-tech<ul style="list-style-type: none">• Mirror some of these programs or build investment tax credit mechanisms to highlight government's commitment and reduce investment risk
<ul style="list-style-type: none">• Pressure to decarbonize other sectors (adv. manufacturing, construction, etc.)<ul style="list-style-type: none">• Carbon Border Amendments	<ul style="list-style-type: none">• Illustrate value chains - decarbonizing to increase productivity and competitiveness of other sectors including manufacturing
<ul style="list-style-type: none">• Competition for inward investment opportunities	<ul style="list-style-type: none">• Leverage our resource endowments to attract technologies<ul style="list-style-type: none">• Quantify, BDO Zones; Clearly identify and leverage our assets
<ul style="list-style-type: none">• Not just a cleantech conversation	<ul style="list-style-type: none">• Cross-sectoral programming & support - leverage National Green Chemistry Accelerators



Looking Forward to 2030

A focus on accelerating sustainability could result in:

- Multiple hybrid clusters across Canada
- Decarbonizing existing value chains
- 100 to 150 green tech companies scaled up
- Reduced GHG emissions by 13 MT
- ~ 10,000 direct jobs
- ~ 15,000 in-direct jobs

