

EUROPEAN CLUSTER CONFERENCE 2022

26-27 SEPTEMBER 2022, PRAGUE



Global Innovation Clusters: Transforming Canada's Innovation Economy

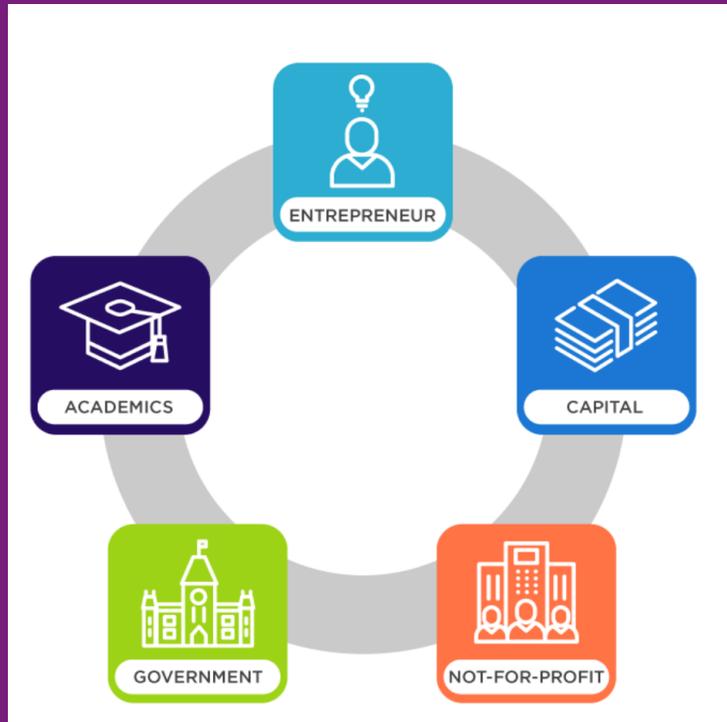
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Canada's Global Innovation Clusters



- The Global Innovation Clusters are investing almost \$2 billion to build first rate ecosystems with a global competitive edge, scale up our best SMEs and accelerate economic growth
- A collaborative approach with a focus on acceleration and industry match model
- Ecosystem development is at the forefront, clusters invest in projects that strengthen ecosystems to make them magnets of innovation activity, investment and talent

Our Evolution

Launched
2017

Momentum
2018-2021

Rebranded
2022

Current National
Presence

Future
Global Focus

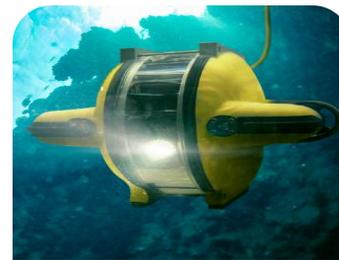
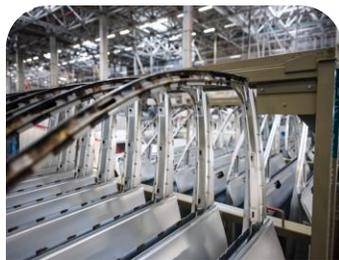
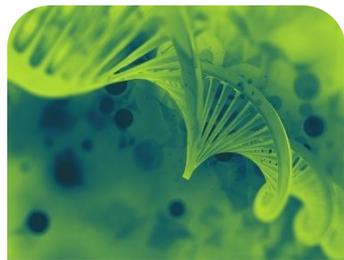
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Canada's Five Clusters



DIGITAL TECHNOLOGY (BC)
\$173M

To solve societal problems with Canadian-made digital technologies, including digital health and data commons

PLANT-BASED PROTEIN (Prairies)
\$173M

To position Canada as a global source of high-quality plant protein and plant-based products

ADVANCED MANUFACTURING (Ontario)
\$250M

To connect advanced manufacturing & tech to drive digital transformation in Canada

AI FOR SUPPLY CHAIN AND LOGISTICS (Quebec)
\$230M

To boost productivity across industries in Canada by integrating AI with supply chains

OCEAN INDUSTRIES (Atlantic)
\$153M

To grow Canada's ocean economy in a sustainable, digital, and inclusive way

Key Features of the Clusters

Collaborative Approach to Strengthen and Scale SMEs

Strengthen SMEs by connecting them to customers and supply chains; helping them build strong networks, access mentorship and leverage expertise; and creating new opportunities to scale

Breaking new ground with collaborative IP

Encouraging collaboration and innovation while helping businesses grow, and leading to strong commercial outcomes

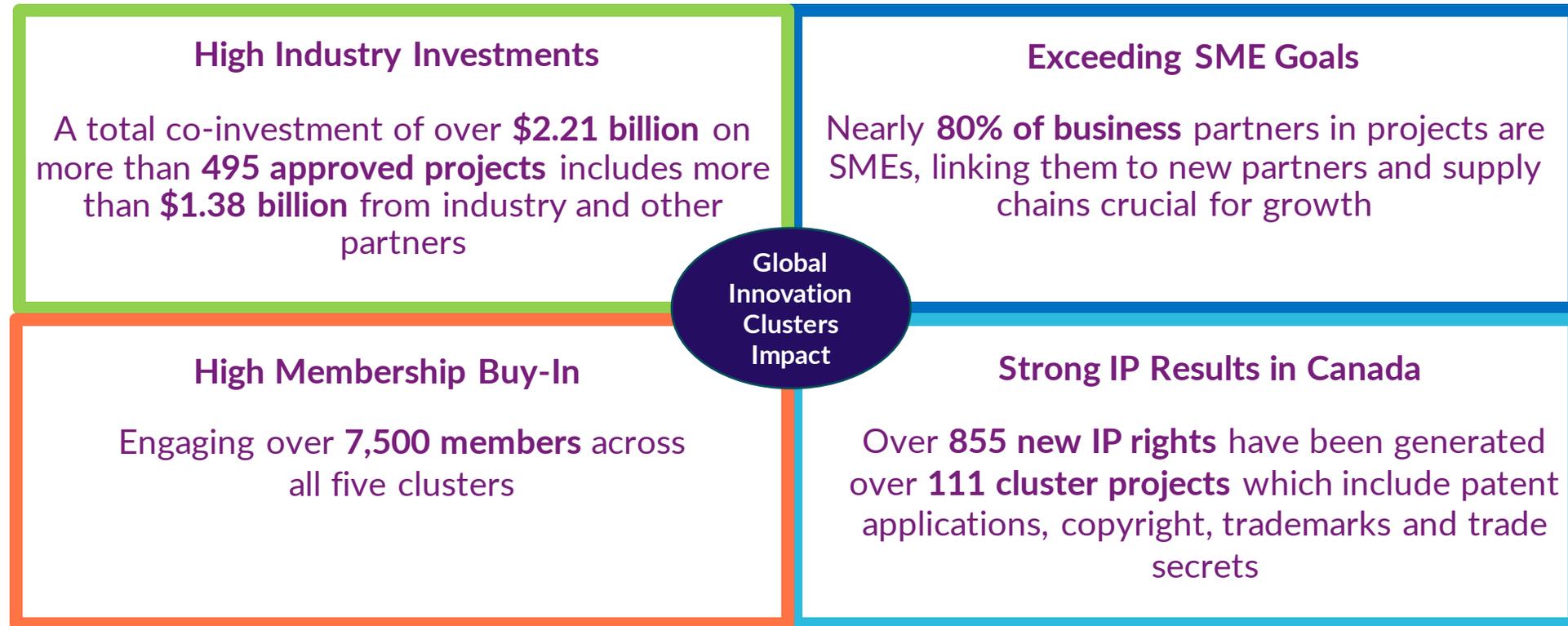
Building a highly skilled, diverse workforce

Playing a key role in building the highly-skilled future workforce needed for knowledge-intensive industries, and creating opportunities for women, racialized Canadians, Indigenous communities, and other under-represented groups.

Supporting Government Priorities

While the clusters are grounded within their respective sectors, the flexibility of the program allows for projects that align with government priorities such as clean technology, climate change, artificial intelligence, and quantum computing

Clusters are making an impact



*Based on figures last reported by the Global Innovation Clusters on June 30, 2022

Global Innovation Clusters: Success Stories

The Growth of SMEs in Canada: Changing the Way the World Sprays



Precision AI is partnering with small businesses to develop a drone-based computer vision technology that will enable Canadian farmers to reduce herbicide use.



Activating Canadian Intellectual Property: Protecting our Oceans



MDA Systems is developing new Canadian IP which combines satellite monitoring, artificial intelligence, big data analytics and data visualization techniques to track the movements of dark vessels and protect marine ecosystems.



Optimizing the Workforce: The Future of AI and Homecare



AlayaCare is developing an AI-informed software platform to give homecare agencies better planning and management tools to optimize workforces.



Reduced Carbon Footprint: Smarter Fishing with a successful algorithm



Innovasea is developing novel technologies to assess fish stock in the wild, track fish health in aquaculture operations and monitor marine life.



The Innovation Ecosystem: Advanced Manufacturing



ArcelorMittal Dofasco has led the development of Digital Ladle Metallurgy process, a digital technology platform that determines the precise temperature to guarantee high-quality steel.



Opportunities for International Collaboration

- **Global advantage:** Clusters are working to increase their global profile, capitalizing global market opportunities and attracting global talent and foreign investment.
- **Partnership with the EU:** Memorandum of Understanding on promoting bilateral industry cluster to cluster cooperation.
- **Collaboration on innovation:** Membership in a Cluster or participation in a Cluster project could offer an opportunity for European firms or research institutions to explore opportunities in Canada.



To learn more about Canada's Global Innovation Clusters

Please visit:
Canada.ca/clusters

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