

# Ontario Centre of Innovation

## *Overview Briefing*

December 2, 2021

# Who We Are



- Not-For-Profit organization governed by independent Board of Directors including provincial government observers
- Minister of Economic Development, Job Creation, and Trade (MEDJCT) appoints up to 6 members of 13-member Board
- OCI receives base and program funding primarily from MEDJCT; generates 2:1 matching contributions from industry
- A key partner to government, industry, and academia, OCI deploys innovation programs and initiatives, focused on driving economic outcomes across the province

# What We Do

## Vision

- *Prosperity from innovation* – an Ontario where bright minds connect

## Mission

- To accelerate innovation through game-changing collaborative R&D leading to successful commercialization and job creation

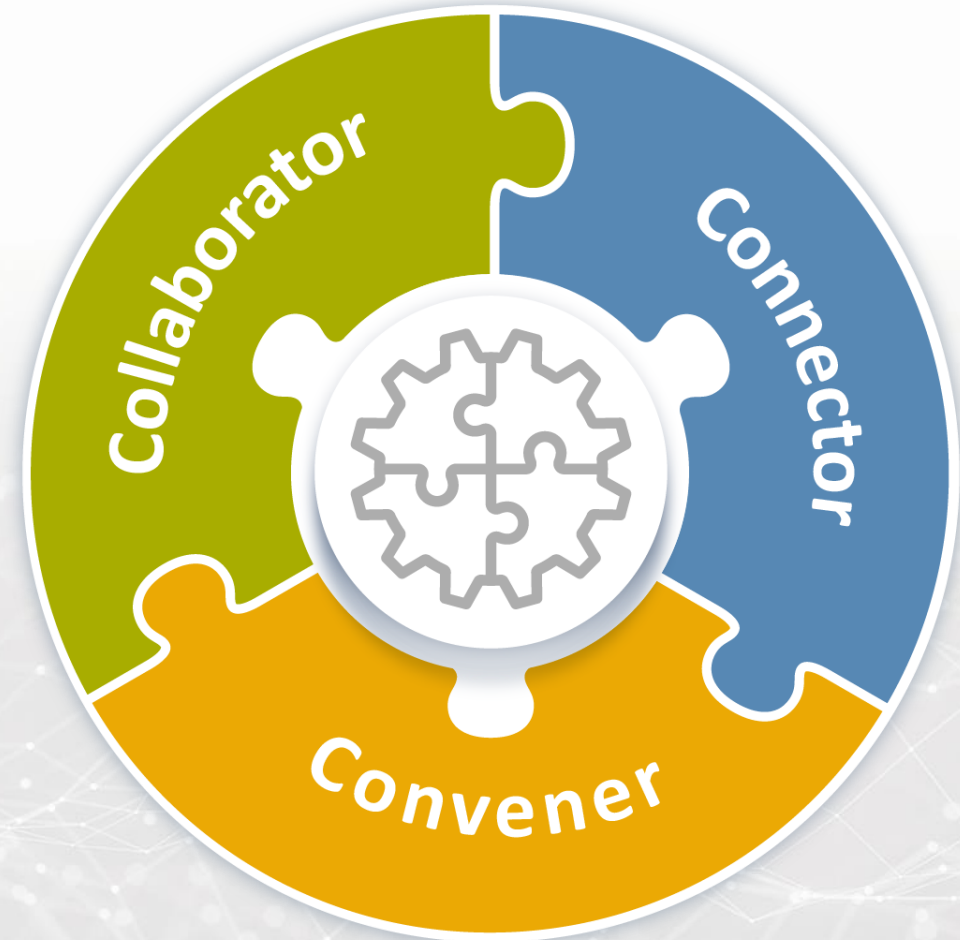
## Mandate

- To build and deliver programs that accelerate the development, commercialization, and adoption of emerging technologies to drive job creation



# How We Do It

- Building Capacity in Emerging and Advanced Technologies
- Strengthening and Leveraging Ontario's Tech Sector
- Accelerating Commercialization of Made-in-Ontario IP



# Our Business Development Experts



- **Boots on the Ground:** A network of Business Development and Commercialization Managers deployed across Ontario.
- **Innovation Experts:** With extensive business and sector expertise, they support companies, large and small, with commercialization and scale-up activities.
- **Industry-Academic:** Working closely with regional and sectoral innovation networks, they connect Ontario-based industry to research expertise in Ontario universities, colleges and research hospitals.



# Supporting high-potential projects across Ontario



**OCI has supported projects in over 250 Ontario communities**

## Serving Communities Across Ontario

By visiting the OCI website, you can view an interactive map that lists our projects by region, economic sector, company, academic institution, company location, and project description.

This site also provides a view of the distribution of OCI funding by sector, number of projects by university, college, health institute, or research hospital, and the key details, including industry leverage, jobs created or retained, and project partners.

# Return on Innovation



In 2019-2020, OCI and invested **\$360.7 million**, including of **\$259.8M** in industry contributions, into collaborative R&D and commercialization projects across Ontario and delivering:

**6,891**

jobs created and/or retained across Ontario's small and medium-sized enterprises and large firms

**693**

high potential start-up companies supported

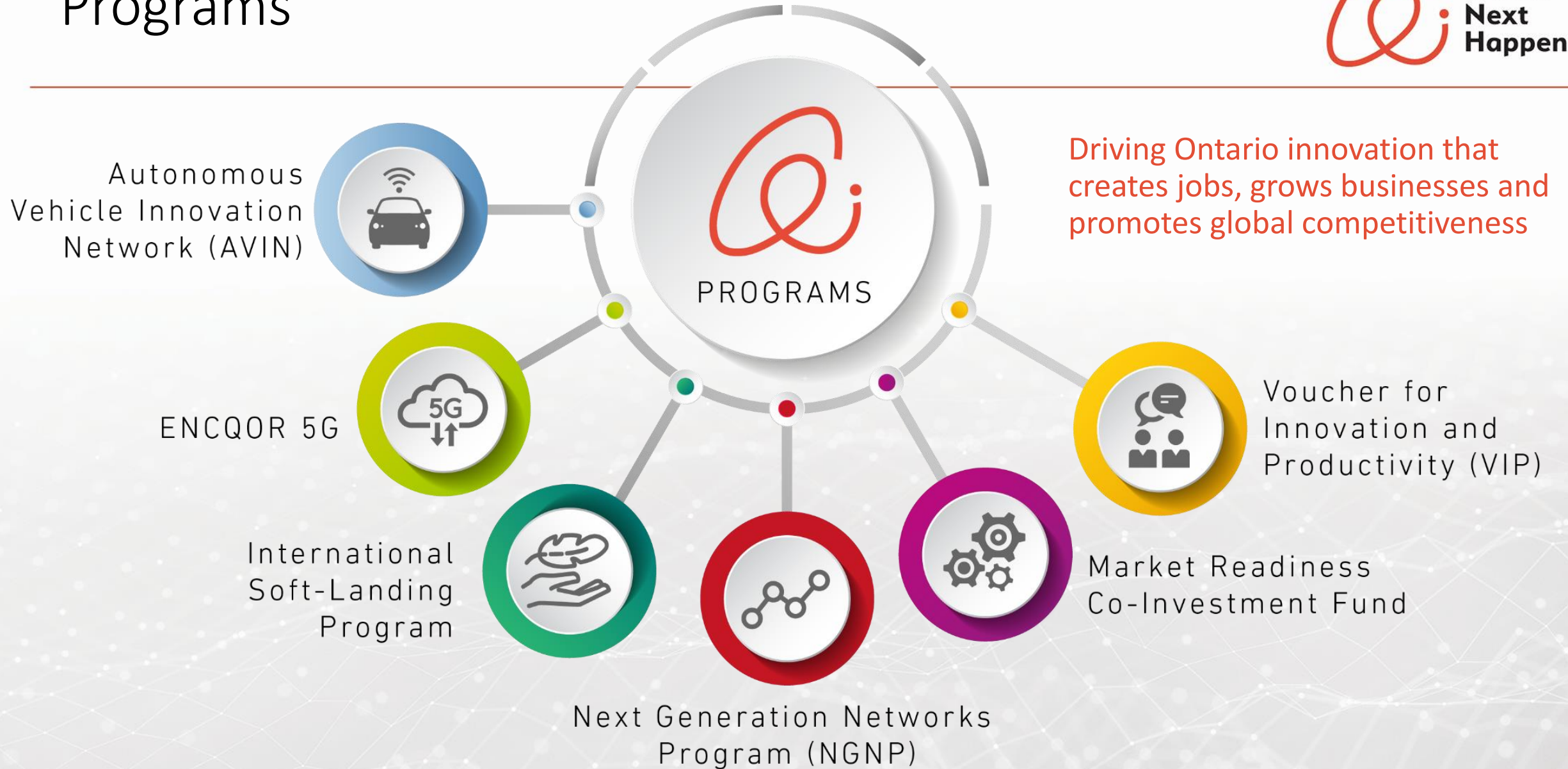
**\$314 M**

incremental sales revenues reported by supported start-ups

**\$834 M**

private-sector follow-on investments

# Programs







# ENCQOR 5G



- Provides SMEs with access to a pre-commercial 5G R&D testbed (iPaaS) to develop, demonstrate, and commercialize new products and services
- Three government initiative (Ontario, Quebec and Federal), in partnership with Ericsson, Ciena, Thales, CGI and IBM
- Delivered in Ontario by OCI and in Quebec by Innovation ENCQOR, PROMPT, ADRIAQ

## Includes:

- SME customer demonstration projects
- TalentEdge internships
- 5G access and business support services through regional hubs MaRS (Toronto) Communtech (Waterloo), and Invest Ottawa in Ontario
- Collaborative technology development projects with academic and SME partners

### GOVERNMENT PARTNERS



### TECHNOLOGY PARTNERS



### COORDINATING PARTNERS



### REGIONAL HUBS

- MaRS (Toronto)
- Communtech (Waterloo)
- Invest Ottawa (Ottawa)

5G





# Next Generation Networks Program (NGNP)



Provides SMEs with access to a next generation networks platform to develop, demonstrate, and commercialize new products and services

Delivered in partnership with the Centre of Excellence in Next Generation Networks (CENGN)

- SME customer demonstration projects
- Internships
- Rural and northern Ontario projects
- Smart mining and agriculture projects
- CENGN testbed access and business support services through regional hubs MaRS (Toronto), Communitel (Waterloo), and Invest Ottawa



# AVIN PROGRAMS

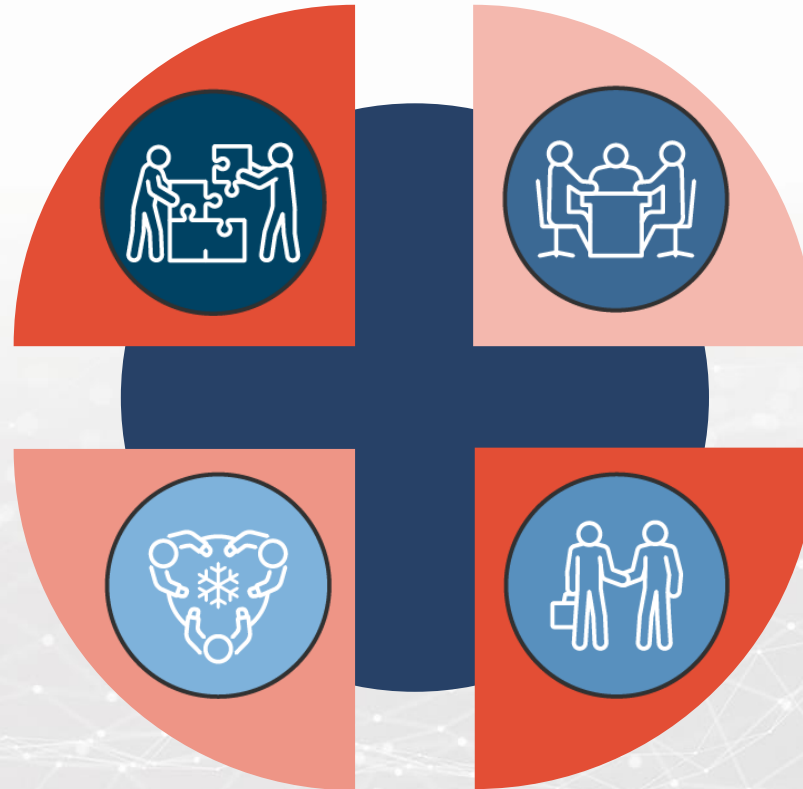


## AV R&D Partnership Fund –Stream 1

Ideal for small- and medium sized companies that require co-investment and the support of strategic partners

## WinterTech Development

Supports Ontario's SMEs and their partners to validate, test, prototype and demonstrate new products and technologies designed to meet the unique demands of winter conditions



## AV R&D partnership Fund –Stream 2

Ideal for small-and medium sized companies that require more significant co-investment and the support of strategic partners

## Talent Development

Supports students and recent graduates of Ontario post- secondary intuitions to apply their expertise to the ecosystem and gain real life experience



# International Soft-Landing Program



## In partnership with Toronto Business Development Corporation (TBDC)

- Attract and support international entrepreneurs, startups and/or scaleups from India - to establish their innovative businesses across Ontario. The goal is to support the economy via-
  - increased job creation,
  - regional economic development,
  - foreign direct investment and,
  - technological innovation
- The project aims to strengthen and augment Ontario's position in the global innovation ecosystem as a jurisdiction of choice for innovative foreign business entrepreneurs seeking to expand their businesses to Canadian markets.



# Collaborative R&D and Commercializing IP



## Voucher, Innovation & Productivity (VIP)

- Supports R&D collaboration between Ontario's industry and post-secondary institutions to solve industry-based challenges and drive the commercialization of intellectual property.
- Key partnerships with NSERC, BDC, IRAP, CIPO and IAC





# Ontario's Premier Pre-seed Financing



## Market Readiness Co-Investment Fund

- Provides seed financing to Ontario start-ups with competitive and transformational IP, building disruptive next generation technologies to support their growth into scalable businesses.





# International Soft-Landing Program



TORONTO BUSINESS  
DEVELOPMENT CENTRE



**Receptor Communities**