

# Research equipment and facilities: essential drivers of innovation

With a bold, future-looking mandate, the Canada Foundation for Innovation equips researchers to be global leaders in their field and to respond to emerging challenges. Our investments in state-of-the-art tools, instruments and facilities underpin both curiosity- and mission-driven research that cuts across disciplines and bridges all sectors. The research infrastructure we fund mobilizes knowledge, spurs innovation and commercialization, and empowers the talented minds of a new generation.

**\$10 billion**  
invested

**12,500+**  
research infrastructure  
projects funded



**Explore our interactive dashboard**  
to learn more about funded projects by province, institution or research topic

## Mobilizing knowledge, spurring innovation

- By funding state-of-the-art labs and facilities, we put in place the research capability and expertise that are critical to fuel Canadian innovation by sparking new ideas, training highly qualified personnel and supporting commercialization.
- And we make those capabilities accessible to Canadian companies of all sizes through the **Research Facilities Navigator** — a database of over 800 state-of-the-art labs where innovators and entrepreneurs find the cutting-edge equipment and expertise they need to compete and succeed.

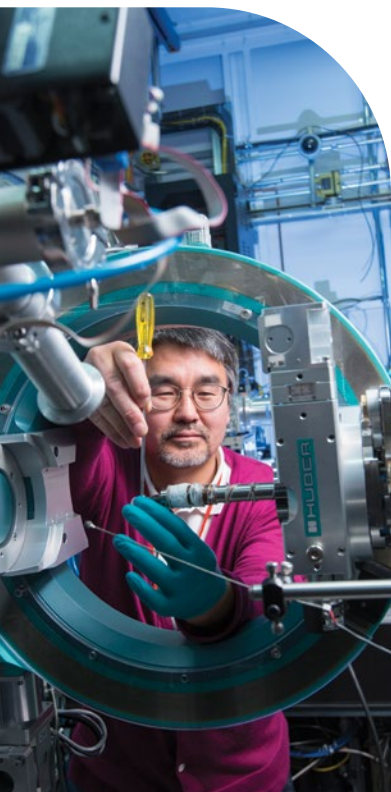
**276**  
number of new patents that arose from CFI-funded projects in 2022

**30**  
number of new companies that arose from CFI-funded projects in 2022

## Forging relationships that strengthen the research enterprise

- Through trusted, effective relationships with the provinces and a proven funding model, the CFI brings together various levels of government toward a common goal.
- **Our funding programs** encourage multi-institutional and multidisciplinary research infrastructure projects that provide significant value for the country in terms of the benefits they produce.

**\$6 billion**  
amount leveraged from the provinces since 1997



Clockwise from top right: Perimeter Institute, CCGS Amundsen (photo by Gerald Darnis for ArcticNet), Canadian Light Source Inc.



## Keeping Canadian research agile and ready to respond

- CFI investments create a backbone of state-of-the-art research infrastructure that ensures Canada is ready to seize new opportunities and undertake ambitious, strategic research missions that benefit Canadians.
- Having the right research tools and facilities in place means Canada's researchers are at-the-ready to pursue ambitious ideas, to respond to environmental and health issues, to seize emerging opportunities with economic and social impact, and to engage with research leaders from around the world.

**\$500 million**  
CFI investments in support of **Canada's Biomanufacturing and Life Sciences Strategy**

## Crossing disciplines, sectors and borders

- We invest in the spaces and facilities that bridge users in all sectors and across all disciplines. This is where ideas move from fundamental research to technology development and commercialization.
- Thanks to investments in top-of-the-line research facilities, CFI helps Canadian universities, colleges and research hospitals attract users and partners from around the globe.

**75**  
percentage of the research infrastructure projects we have funded that involve international partners



Scan to learn more

Publication date: April 2023

SNOLAB (photo by Gerry Kingsley)



SuperDARN Inuvik



## Nurturing and empowering talented minds

- The labs we equip are where a new generation of researchers, innovators and entrepreneurs start their journey to become global leaders. In these spaces, they realize their ideas, meet their mentors and learn skills that are highly valued by every sector.
- Businesses seek out students who have trained on the latest technologies and understand the research environment. This know-how helps companies to develop and commercialize new products and technologies in order to compete and succeed globally.

**31,400+**  
number of postdoctoral fellows and students who trained on CFI-funded research infrastructure in 2022