



CANADA FOUNDATION FOR INNOVATION

# 2023 Innovation Fund

INFORMATION SESSION

September 2021

PART 1

---

# A few words about us

---

INNOVATION.CA



25 years ago...

the Canada Foundation for Innovation  
was created to solve the brain drain by  
investing in infrastructure for research.



The background of the entire image is a dark, out-of-focus photograph. It depicts several hands, likely belonging to children, reaching up and holding small maple leaves. The leaves are in various shades of yellow and orange, suggesting autumn. The hands are positioned around the central text, with some fingers pointing towards the center and others holding the leaves. The overall mood is one of hope and growth.

## Mandate

**TO BUILD OUR NATION'S CAPACITY TO  
UNDERTAKE WORLD-CLASS RESEARCH  
AND TECHNOLOGY DEVELOPMENT THAT  
BENEFITS CANADIANS**

**INNOVATION.CA**



---

## How

CFI fulfills this mandate by investing in the research infrastructure necessary for Canada's leading researchers to discover, develop, and apply new knowledge in all areas of science, the humanities, social sciences, health, engineering and the environment.

---



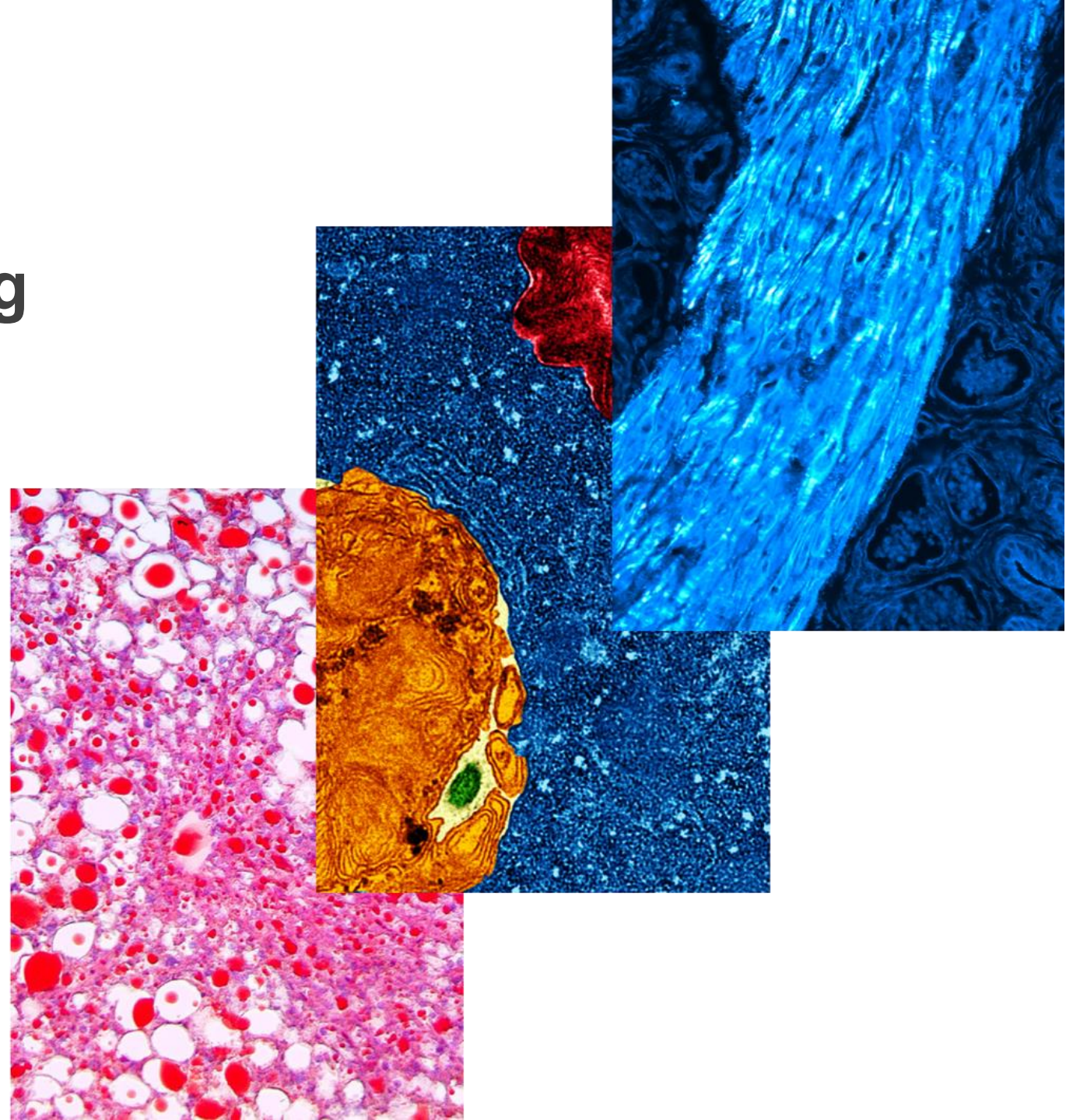
# A unique funding model

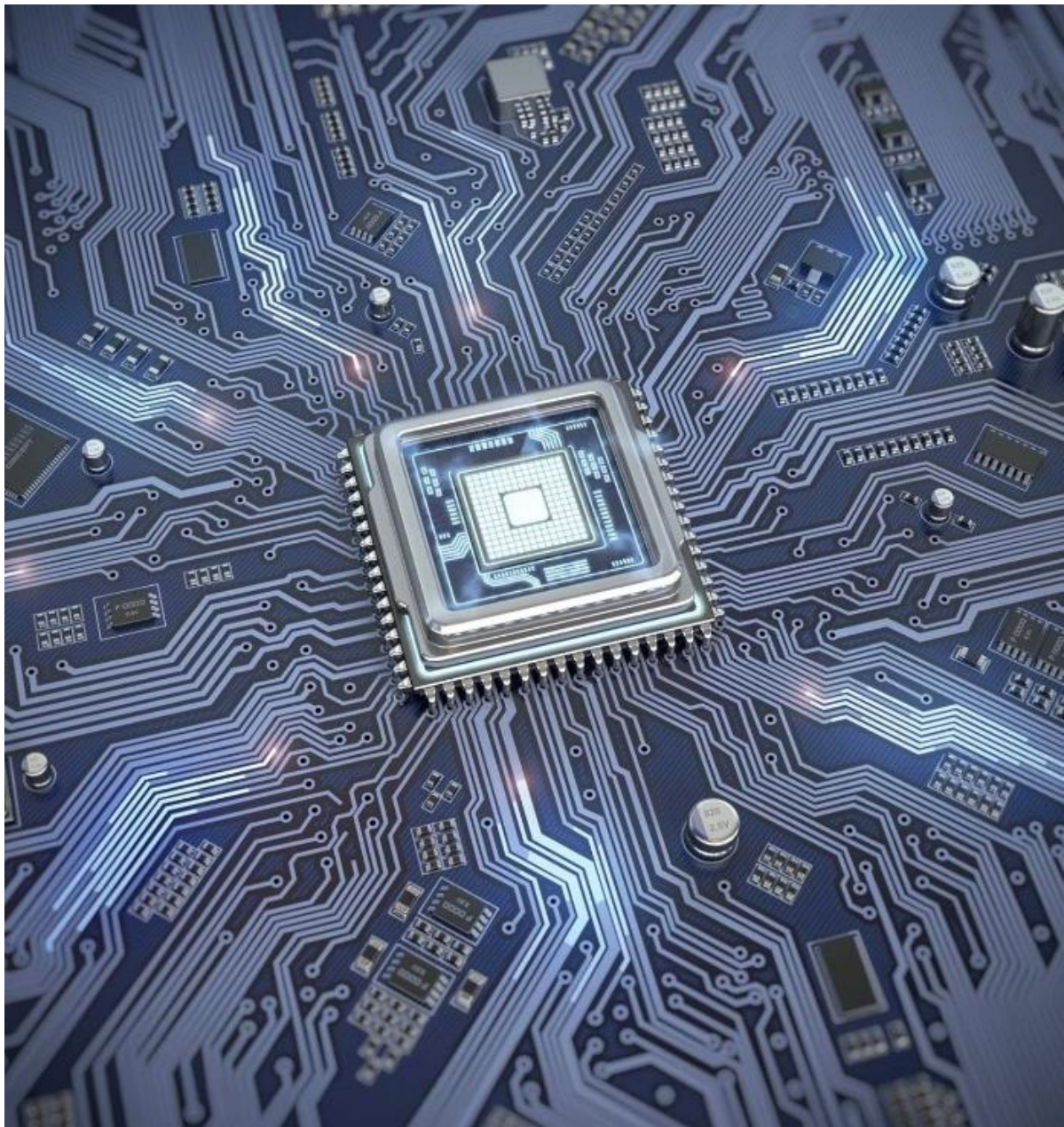
---

**CFI provides up to 40%** of infrastructure costs (remaining 60% provided by provinces, institutions and private sector)

**Over the past 25 years**, CFI has invested close to \$9 billion in research infrastructure, generating over \$21 billion in overall investment

**Highly competitive funding** requiring excellence and institutional commitment to maintaining the infrastructure for its useful life





---

# Program structure

## Research infrastructure

- John R. Evans Leaders Fund (JELF)
- Innovation Fund
- College-Industry Innovation Fund
- Biosciences Research infrastructure Fund
- Exceptional Opportunities Fund

## O&M support

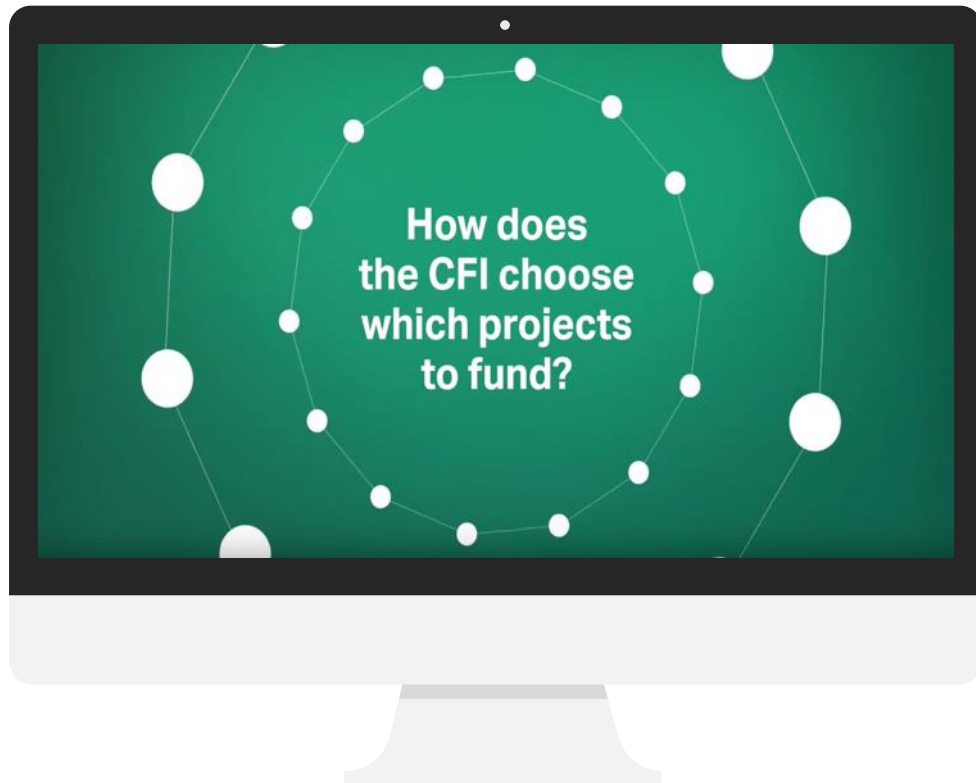
- Infrastructure Operating Fund (IOF)
- Major Science Initiatives Fund (MSI)



## How does CFI choose which projects to fund?

---

Click screen to watch video in your browser



## Comment la FCI choisit-elle les projets qu'elle finance?

---

Cliquez l'écran pour lancer la vidéo





# IF 2023 Competition

- Budget and objectives
- Application process
- Review process
- Timeline
- CFI Navigator
- Questions

# Competition budget & objectives

## OBJECTIVES

- Enable internationally competitive research or technology development through the equitable participation of proficient team members.
- Enhance and optimize the capacity of institutions and research communities to conduct the proposed research or technology development program(s) over the useful life of the infrastructure.
- Lead to social, health, environmental and/or economic benefits for Canadians.

**\$400 million**  
Capital

+

**\$120 million**  
Infrastructure  
Operating Fund

# 2023 IF (draft)

## Competition objectives

---

1. Enable world-class research or technology development through the equitable participation of proficient team members
2. Enhance & optimize the capacity of institutions and research communities to conduct the proposed research or technology development program(s) over the useful life of the infrastructure
3. Lead to social, health, environmental and/or economic benefits for Canadians

## Assessment criteria

---

- Research or technology development
- Team expertise
- Team composition (EDI)
- Infrastructure
- Sustainability
- Benefits

1

Enable world-class research or technology development through the equitable participation of proficient team members

## Research or Technology Development

The research or technology development program(s) are innovative, feasible and internationally competitive.

## Team Expertise

The team includes the breadth of expertise to conduct the proposed program(s).

## Team Composition

Principles of equity and diversity were considered in the team composition. There is a commitment to create an inclusive environment where all team members are fully integrated and supported in the research team.



2

Enhance & optimize the capacity of institutions and research communities to conduct the proposed research or technology development program(s) over the useful life of the infrastructure

## Infrastructure

The requested infrastructure is necessary and appropriate to conduct the proposed program(s) and optimally enhances existing capacity.

## Sustainability

The infrastructure will be optimally used, operated and sustained over its useful life through tangible commitments.

3

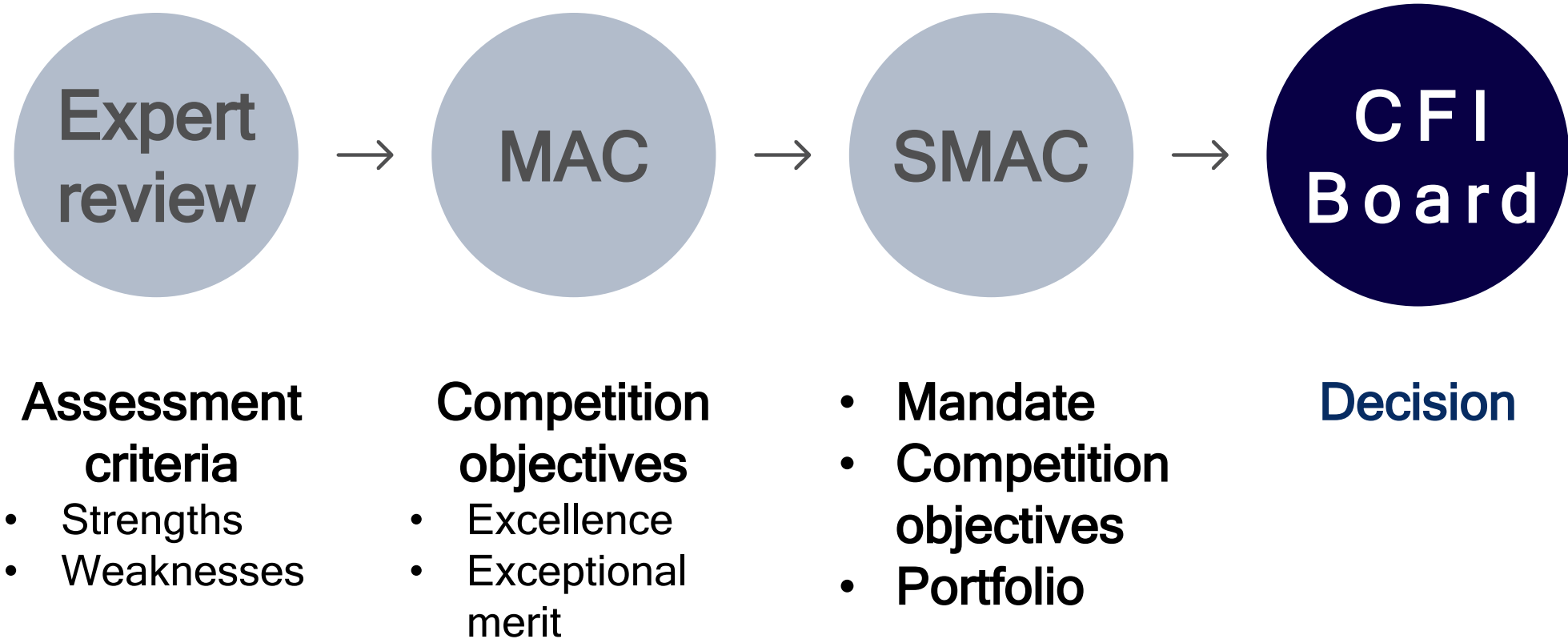
Lead to social, health,  
environmental and/or economic  
benefits for Canadians

## Benefits

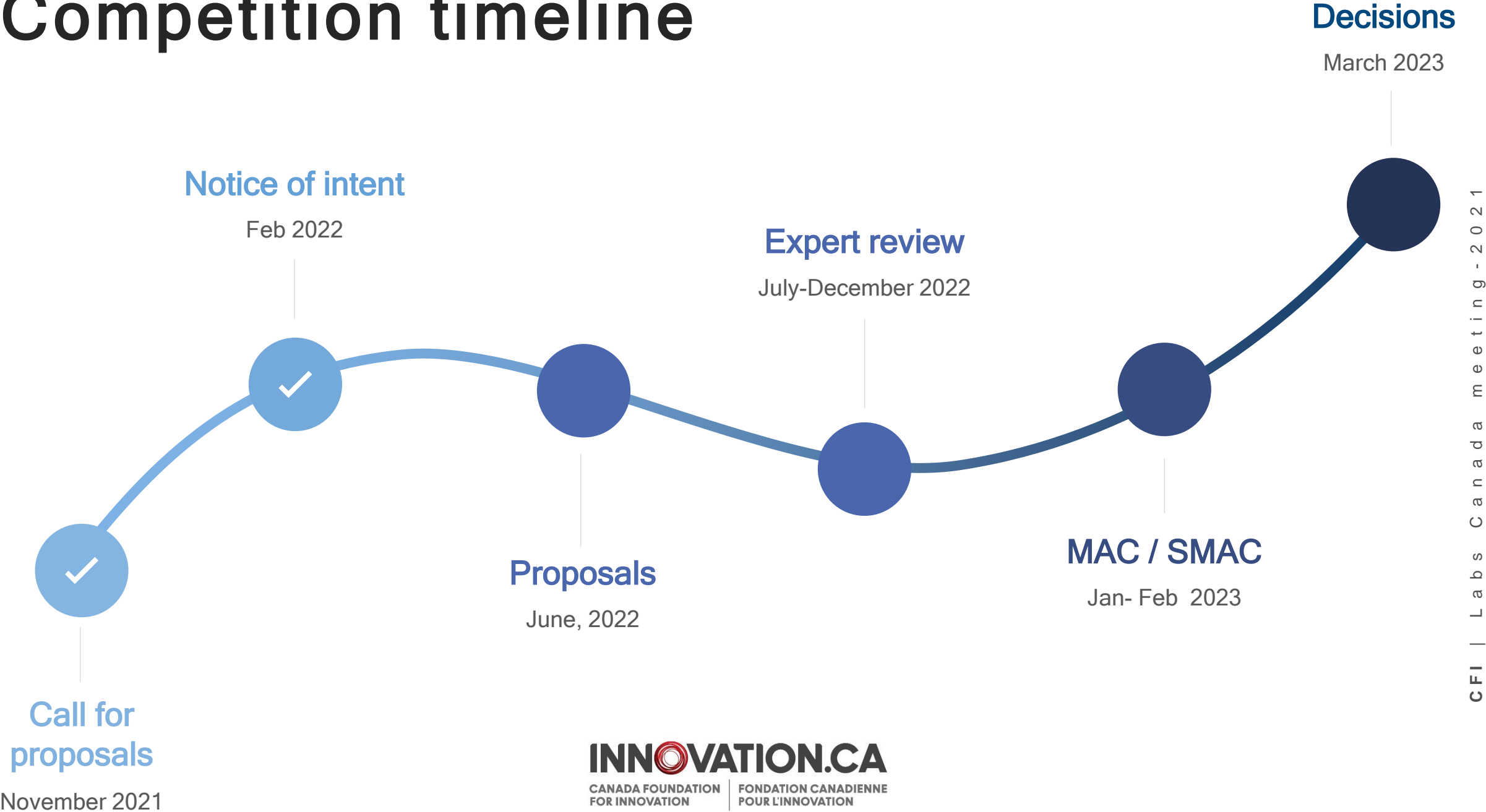
The team and its partners have a well-defined plan to transfer the results of the research or technology development program(s). The results are likely to lead to social, health, environmental and/or economic benefits for Canadians.



# Merit review process



# Competition timeline





---

## ENVISIONING A BRIGHT FUTURE

- Evolving science and future technologies
- New forms of engagement and collaboration
- Democratization of technology
- Infrastructure as service
- Mobility of researchers
- Open concept labs — innovative spaces
- Reaching beyond institutional boundaries



---

# List your labs on the Navigator

- Help your facilities connect with other innovators, expand their networks and build new research partnerships
- For eligibility, benefits of listing and how to join, visit [listyourlab.innovation.ca](http://listyourlab.innovation.ca)



Where researchers  
and other innovators  
connect.

List your lab on the Research Facilities Navigator,  
and create new opportunities for discovery.

Launched in 2013 by the Canada Foundation for  
Innovation, the Navigator helps innovators locate and  
connect with publicly funded research facilities that  
are open to collaboration.



# Success stories

- The Navigator website attracted 4,200 visits monthly in fiscal year 2020-21
- Some of the resulting 425+ contacts are featured on our new stories page, [navigator.innovation.ca/stories](https://navigator.innovation.ca/stories)
- Have a great collaboration story that features a Navigator-listed facility? Contact us at [navigator@innovation.ca](mailto:navigator@innovation.ca)


ABOUT | HOW TO USE THE NAVIGATOR | ADD/CHANGE PROFILE | [STORIES](#) | RESOURCES | SEARCH | FRANÇAIS

RESEARCH FACILITIES  
NAVIGATOR

Stories

The Navigator helps connect experts in state-of-the-art Canadian facilities with leaders in business, academia and government. Explore our success stories to find out how, and delve into what else is happening in Navigator-listed facilities through stories from our partners.

Success story



Olivia Carey, March 3, 2021


**How one company used lab equipment in a new way to advance their product idea**

After months of searching, a Quebec researcher-entrepreneur found the expertise he needed to test a one-of-a-kind oxygen-rich drink

Researcher-entrepreneur Daniel Sdicu, CEO of the company I've État Inc. located in Granby, Que., searched for months to find the right partner to help him test a new product: bottled water enriched with oxygen. The water...

[READ MORE](#)

Partner story



March 3, 2021


**Food: friend or foe in immunity's fight against ovarian cancer**

Precision Radiation Medicine for Cancer Immunotherapy (P-REX)

Inside the tiny micro-environment of a tumour, cancer cells and immune cells are in a battle for nutrients. University of Victoria researchers have now discovered a key culprit that will help them use gene-engineering...

[READ MORE](#)

Success story



Olivia Carey, March 3, 2021

**Bringing high-impact drugs to market**

A doctor-turned-entrepreneur looks to the Navigator to find the research support he needs to develop new drugs for patients with neurological diseases

Toronto-based company Neuractas Therapeutics uses the Navigator to find the pharmaceutical manufacturing expertise needed to develop high-impact therapeutics Andrew Lingard was in his last year of medical school when an...

[READ MORE](#)





Subscribe at  
**Innovation.ca** to  
get the latest updates  
from the CFI!

**SUBSCRIBE**





Questions?

# Keep in touch



**InnovationinCanada**



**@InnovationCA**



**InnovationCanada**



**IF-FI.2023@innovation.ca**

