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CANADA FOUNDATION FOR INNOVATION | FONDATION CANADIENNE POUR L'INNOVATION

CFI Consultation

Fall 2015

Research builds communities
La recherche au service des collectivités

Why are we consulting?

1 **2015 Federal budget allocation**

Contribution agreement

2 **Looking ahead: Future Directions**

Consultation goals

Within the limits of our agreement, to:

- Improve the design and delivery of our **current** and **future** funds
- Better align with institutional needs and evolving priorities

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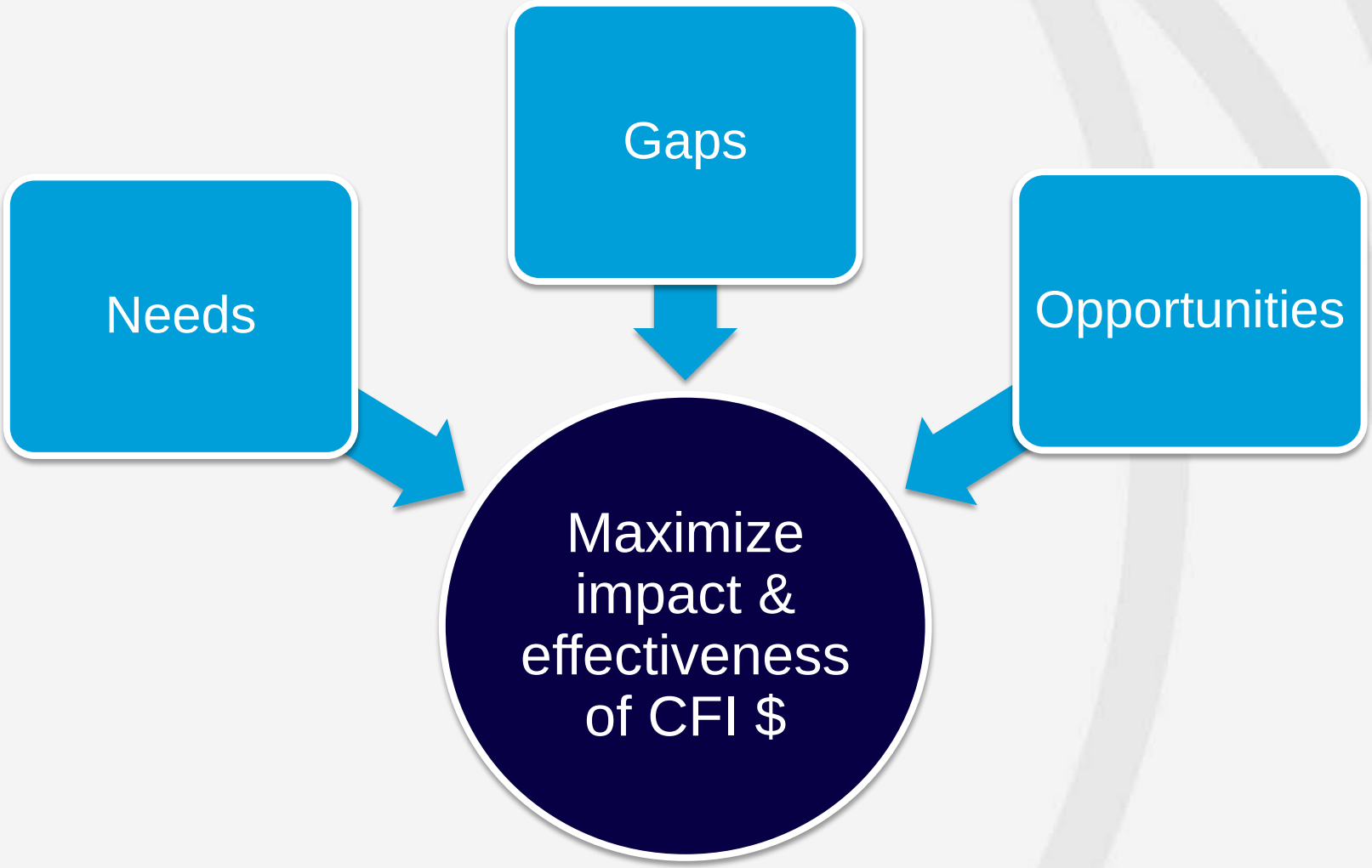
Planning for the Future



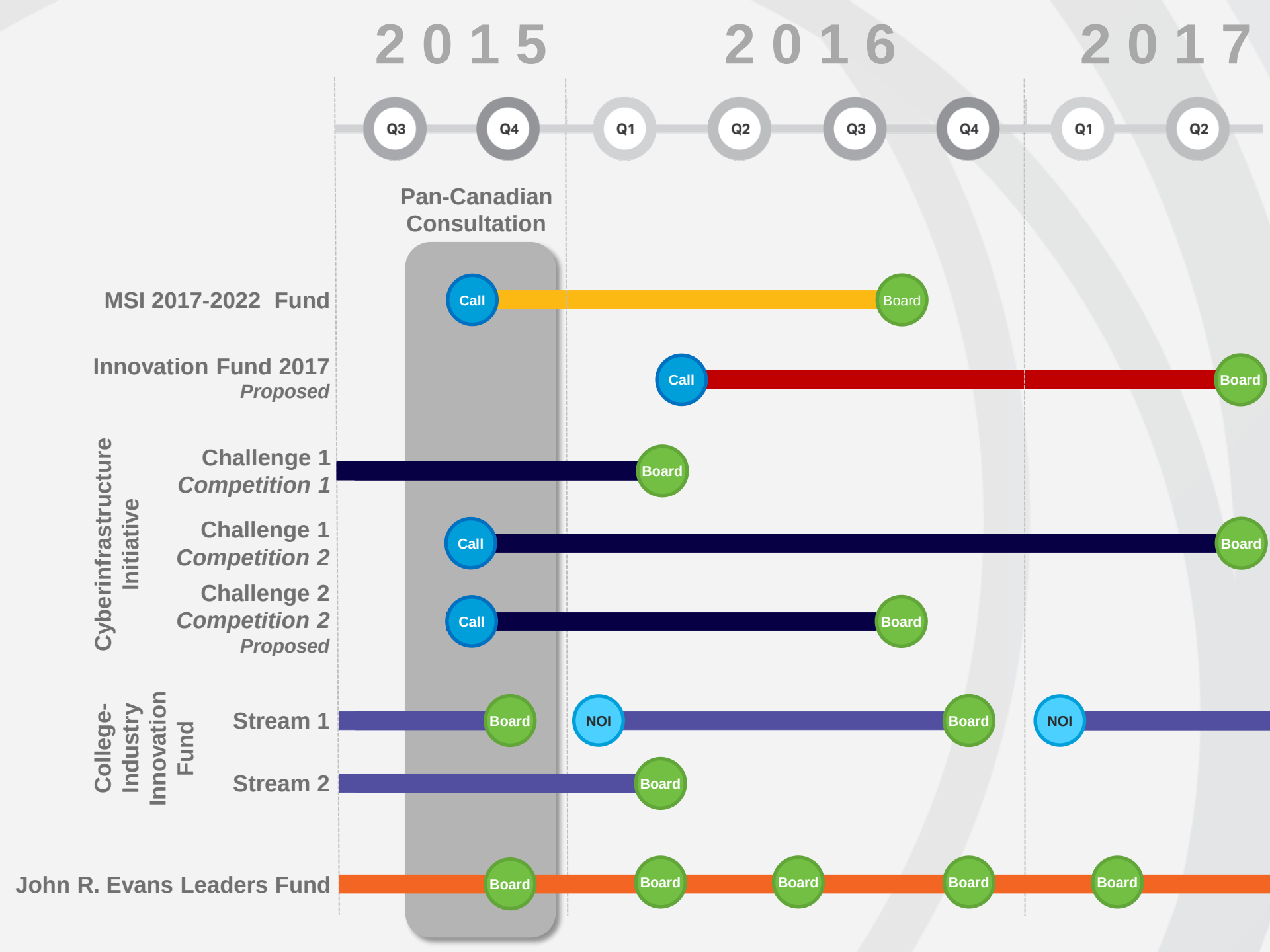
TOPICS

Current funding architecture

- John R. Evans Leaders Fund
- Innovation Fund
- Cyberinfrastructure Initiative
- College-Industry Innovation Fund
- Infrastructure Operating Fund

Looking ahead

- Future funding architecture
- Maximizing infrastructure use
- Strategic Research Plans
- New ideas


2015
2016
2017
Q3
Q4
Q1
Q2
Q3
Q4
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Pan-Canadian Consultation
MSI 2017-2022 Fund
Call
Board
Innovation Fund 2017
Proposed
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Cyberinfrastructure Initiative
Challenge 1
Competition 1
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Challenge 1
Competition 2
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Challenge 2
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Call
Board
College-Industry Innovation Fund
Stream 1
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NOI
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Stream 2
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John R. Evans Leaders Fund
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Funding architecture

Key principles

1. Respond to the needs of the Canadian research community
2. Serve the full spectrum of institutions across the country
3. Based on a clear and simple architecture to avoid redundancy and overlap
4. Optimize collaboration and integration with other Tri-Council funding programs

John R. Evans Leaders Fund

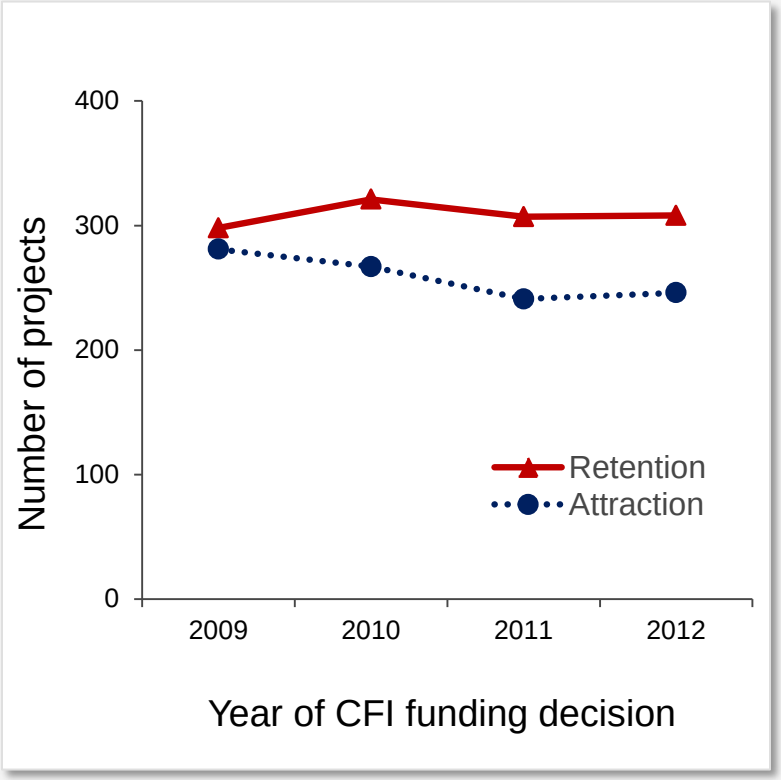
$258 million*

2017 - 2020

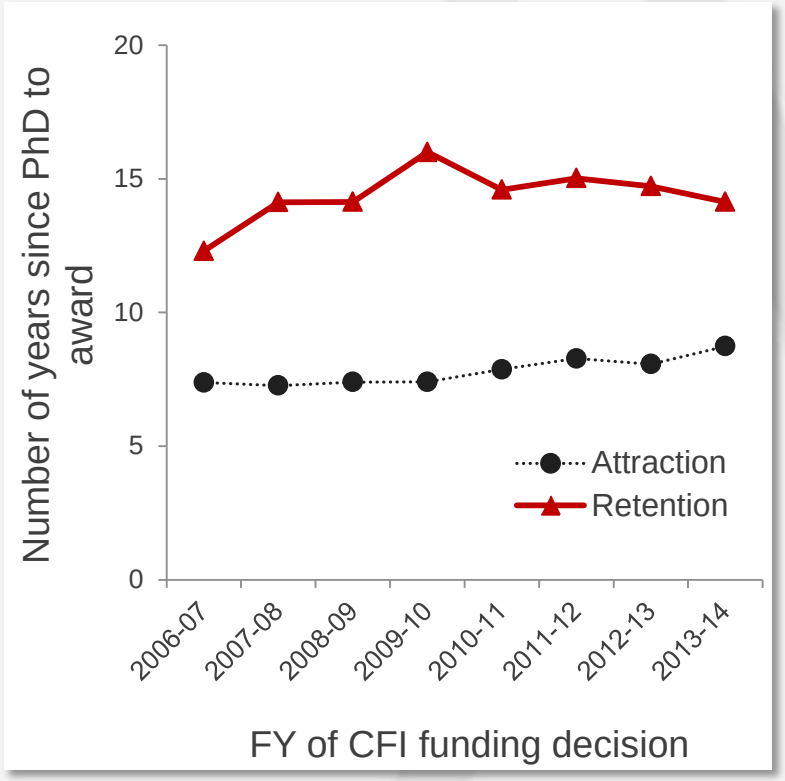
Objective – to attract and retain the very best of today's and tomorrow's researchers

Observations & trends

Attraction & Retention



Time from PhD to CFI award



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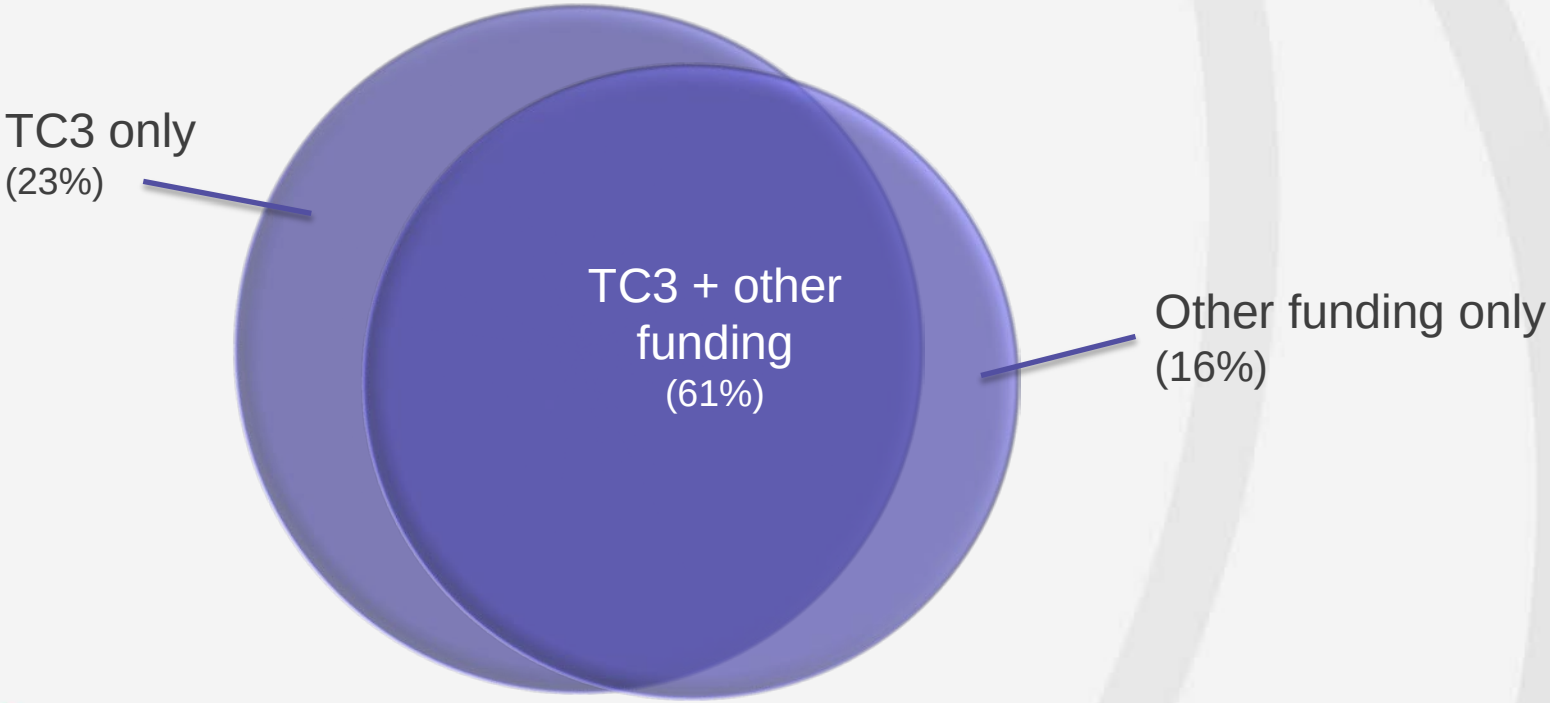
Observations & trends

2011-2012 “attraction” JELF awardees:

Who had funding from the Tri-Council in the two year period either preceding or following the JELF award?



Observations & trends

Size of awards: application, review and administrative burden

- How can the JELF be improved to optimize capacity building?
- Has use of the JELF changed?
  - Identifying candidates?
  - Attraction vs. retention?
  - 16% do not have Tri-Council funding - is this an issue?

- Should a minimum CFI request be introduced?
- Should the maximum CFI request be increased?
- Are changes to the Small Institution Fund recommended?
- What have we missed?

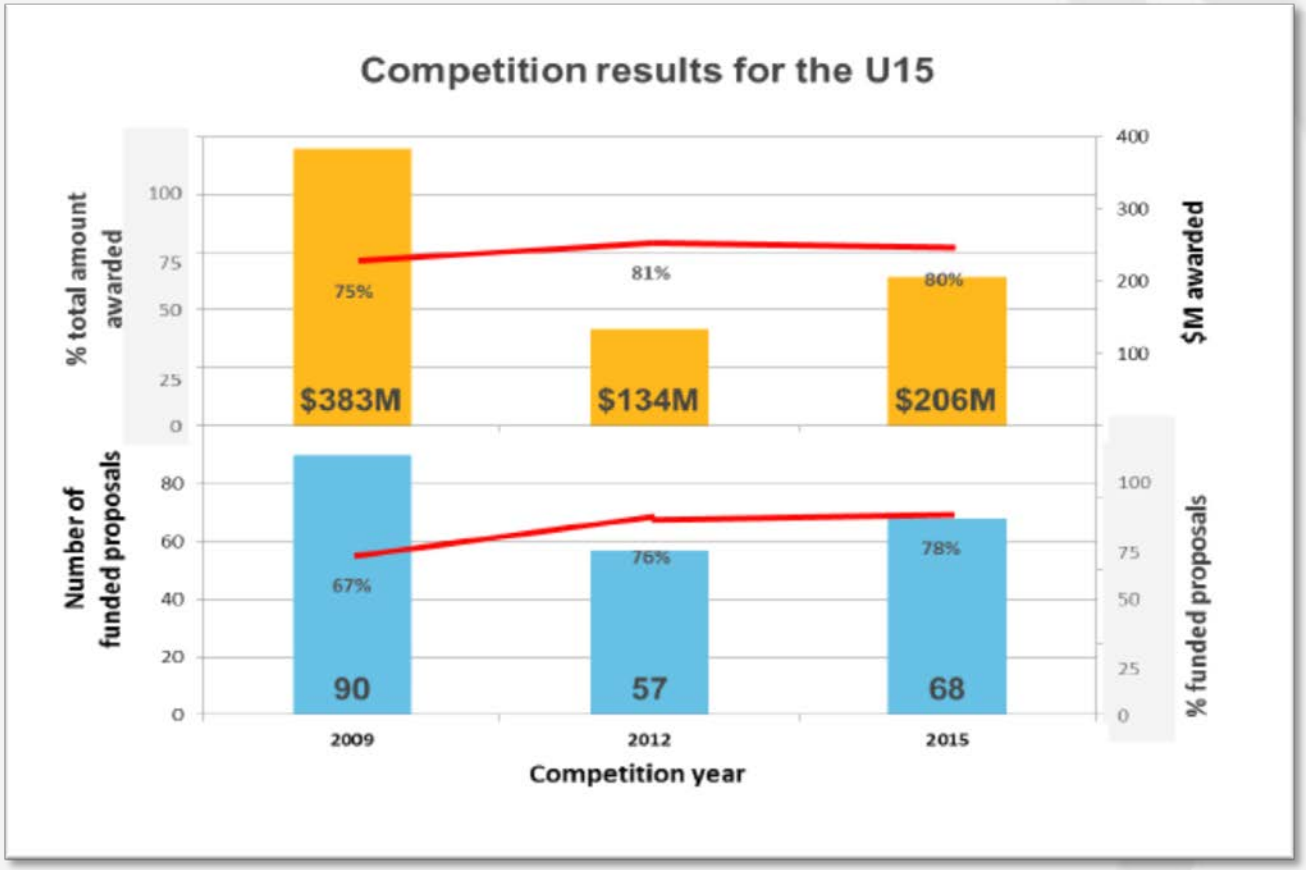
Innovation Fund

$552 million*

2017

“Striving for global leadership and reaping the benefits”

Observations & trends



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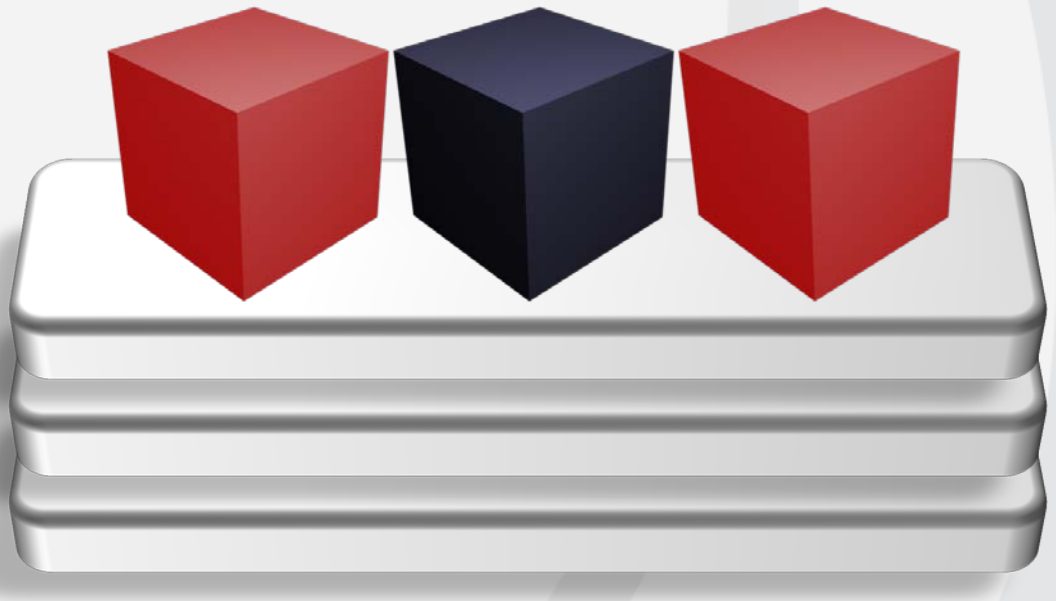
Observations & trends

Smaller institutions: key success factors

- Proposals focusing on areas of strength:
  - ✓ Existing capacity & critical mass
  - ✓ Track record
  - ✓ Collaborations and multi-institutional initiatives

Building on and enhancing capacity (IF)

Creating capacity and critical mass (JELF)



Application & review processes

- Can proposals be shortened?
- Should CVs be streamlined?
- Should a minimum CFI request be introduced?

Portfolio of funded projects

- Support for full spectrum of research initiatives
  - Discovery to technology development
  - Institutional-regional-national initiatives

Cyberinfrastructure Initiative

$75 million*

2017 - 2022

Objective - to enhance the capacity of Canadian institutions and researchers to conduct leading-edge research in areas of demonstrated strength by supporting the infrastructure needs of computationally- and data-intensive research.

Challenge 1

- Level of interest for future competitions?
  - Should future competition budgets be increased?
  - Should the maximum CFI request be increased?

Challenge 2

- Where is the threshold between institutional and Compute Canada responsibility?
- Should the approach (Compute Canada condition) be adjusted for JELF, IF?

College-Industry Innovation Fund

$45 million*

2017 - 2022

Objective

- *to enhance the capacity of colleges*
- *to support business innovation in Canada*
- *to foster partnerships with the private sector*

- How can participation in the CIIF, particularly in Stream 2, be increased?
- How can we help colleges to enhance research capacity?
- Cluster areas: is there a way to leverage institutional capabilities?

Infrastructure Operating Fund

$202 million

2017 - 2022

Objective – to help cover a portion of the operating and maintenance costs to ensure optimal use of CFI-funded infrastructure

TOPICS

Looking ahead

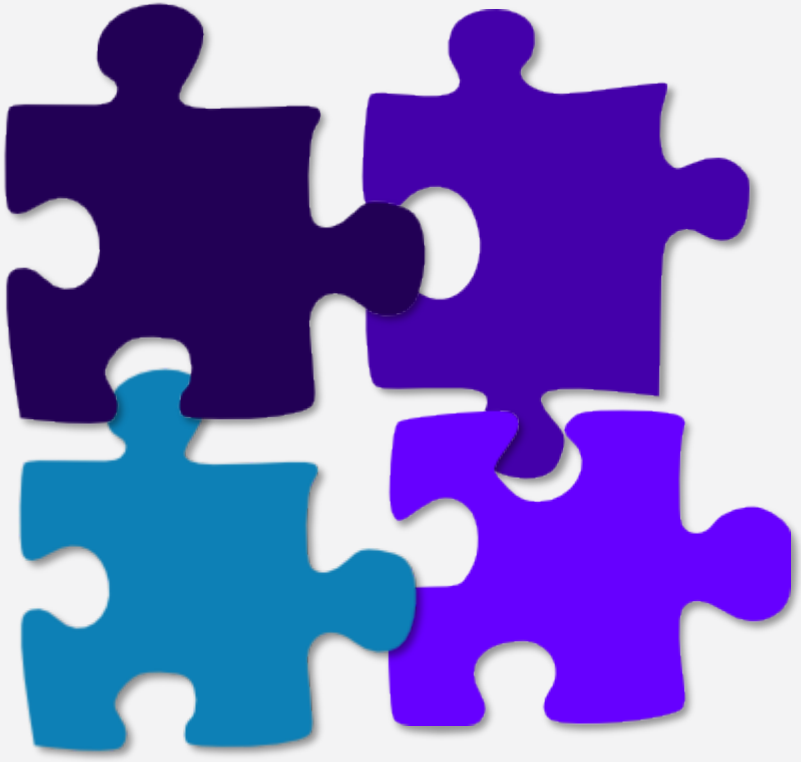
- Future directions:
  - Emerging needs
  - Opportunities
  - Gaps
  - New ideas
- Other key strategic issues:
  - Maximizing infrastructure use
  - Strategic Research Plans

Future directions:

What should CFI be doing in 3-5 years time?
Collectively, start thinking about the future now…

Future funds and initiatives?

What is missing?



What is changing?

What is new?

Maximizing infrastructure use

- What is the role of institutions?
- What are the challenges in sustaining such facilities?
- Infrastructure operating fund (IOF)?
- Is there a role for the CFI…beyond IOF?

Strategic Research Plans

- Increasing their effective use in merit review process
- Addressing a proposal's "fit with the SRP"

Your thoughts & ideas

- Strategic issues
- Other CFI related issues
  - Monitoring visit approach
  - Good practices in managing CFI awards

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Comments to:

Consultation@innovation.ca by November 30, 2015

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