

# NDRIO

New Digital  
Research Infrastructure  
Organization

# NOIRN

Nouvelle organisation  
d'infrastructure de  
recherche numérique

## Members' Meeting

December 15, 2020

# Agenda

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Welcome

2

Land Acknowledgment

3

Introductory Remarks: Honourable William Amos, Parliamentary Secretary

4

NDRIO Update: Nizar Ladak, CEO of NDRIO

5

Guest Speaker: Suzanne Talon, CEO of Calcul Québec

6

Q&A

# Land Acknowledgment

# Opening Remarks

## Honourable William Amos

# NDRIO Update

# Overview

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CEO 90-Day Plan

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Strategic Planning Foundations

3

Transition Planning

4

Q & A

# 1. CEO 90-Day Plan

# NDRIO's First AGM: Sept. 24, 2020

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184 participants

- 43 Primary Member + 115 Associate Member representatives
- 9 Board members + 13 NDRIO staff + 4 special guests

Post-event survey results: 39 responses

- Content found to be informative, quality of simultaneous translation rated highly, feedback generally positive
- For our next AGM, we will simplify the platform, create more engagement opportunities within the program, shorten the agenda
- Thank you for your participation and feedback



# Member Value Proposition – Next Steps

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We will deliver a **Membership Plan** by April 2021.

The planning process will include:

- Researching other member-based organizations
- Further consulting and involving Members in the process
- Further assessing similarities and differences between Primary and Associate Members
- Assessing how to meet and exceed expectations / differentiate
- Assessing options for the use of Membership fees



# 90-Day Stakeholder Engagement

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- CANARIE
- CIHI
- ARC Regional Organizations
- Statistics Canada
- CUCCIO
- CCECC
- TRIUMF
- U15
- ISED Staff & ADM
- University Health Network (Federated Health Data)
- NDRIO Board Chair and Vice Chair
- NDRIO Researcher Council
- World Data Systems
- Compute Canada
- PHAC
- NSERC and Sharenet
- CHIR
- Genome Canada
- Vector Institute
- CIFAR
- Alberta Machine Intelligence Institute (AMII)
- CCF Regional Groups
- Dr. Mona Nemar (Chief Scientist, Science Canada)
- Mila
- Dr. D. Tweedle, UWO
- NDRIO AFR / Investment Committee
- NDRIO Board Committee Chair (AFR / Investment)
- NDRIO Board Governance & Nominating Committee Chair
- NDRIO HRC Chair Gail Murphy
- NDRIO Research Software Working Group Meeting
- AI Working Group
- CARL Portage
- Alliance of Canada Comprehensive Research Universities (ACCRU)
- BCNET
- WestGrid
- NDRIO Team (internal focus also a priority)

# Approach to Stakeholder Mapping & Prioritization

		Stakeholder Influence on Organization			
		No Influence	Low Influence	Some Influence	Formal Power/ High Influence
		Stakeholder's support for the organization has little or no impact on its success		Stakeholder's support for the organization can highly impact its success	
Organization Impact on Stakeholder	Stakeholder is highly dependent on organization – no choice.	<p><b>Priority 2</b></p> <p>Treat fairly – honour commitments to these stakeholders in line with policy, regulations and industry norms. Otherwise endeavour to keep stakeholders satisfied insofar as balance of costs and benefits allow.</p>		<p><b>Priority 1</b></p> <p>Strategic threat or opportunity – invest in engagement process to understand concerns and develop solutions.</p>	
	No direct impacts – stakeholders have broad range of choice	<p><b>Priority 4</b></p> <p>Low priority – provide access to general channels of information and feedback.</p>		<p><b>Priority 3</b></p> <p>Keep involved and inform, but ensure balance between concerns of high-influence stakeholders and those people actually impacted by decisions.</p>	

# Areas of Consultation in 2021

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- Needs Assessment Report (Town Halls)
- National Service Delivery and Funding Models
- Mission, Vision and Values + Strategic Plan
- Membership Plan / Value Proposition
- Brand Development (New Name + Visual Identity)

In addition to formal opportunities, we always welcome questions and feedback through [NDRIO-NOIRN@EngageDRI.ca](mailto:NDRIO-NOIRN@EngageDRI.ca)

# CEO Blog

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# Engage

A BLOG BY NDRIO CEO  
NIZAR LADAK

REFLECTIONS | COMMUNITY INSIGHTS | UPDATES



## 2. Strategic Planning Foundations

Needs Assessment Report

National Service  
Delivery and Funding Models

DRI Strategic Plan  
2022-2026

OCT 2020 - JAN 2021

JAN - MAY 2021

APR - SEP 2021



Community Driven



Needs Assessment

- White Papers
- Survey
- Current Documentation

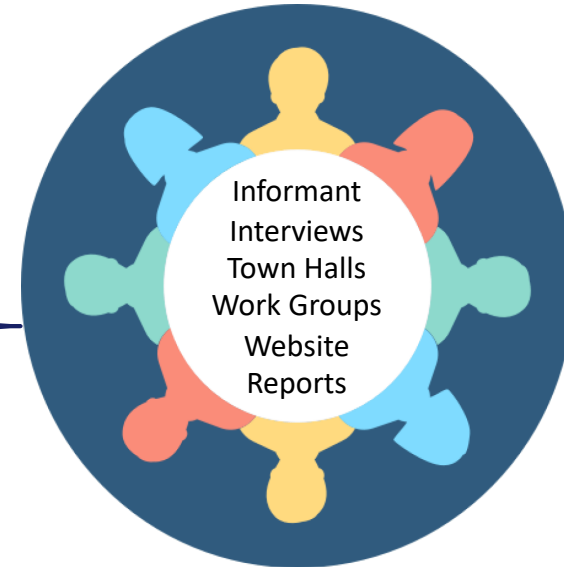
Current State Assessment for ARC, RDM & RS



Environmental Scan

Technological Advancements Review

National Service Delivery and Funding Models

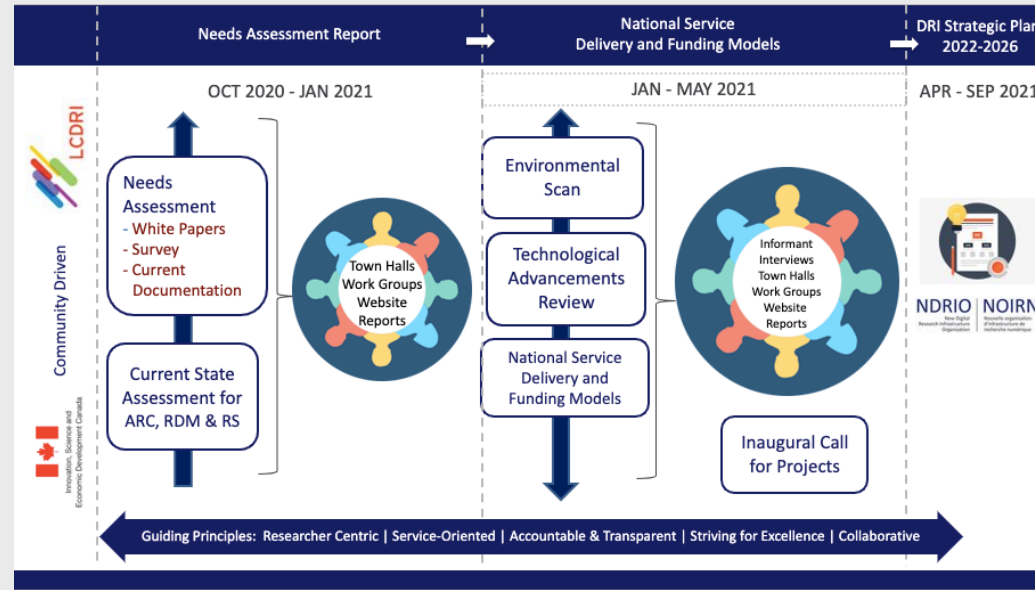


Inaugural Call for Projects

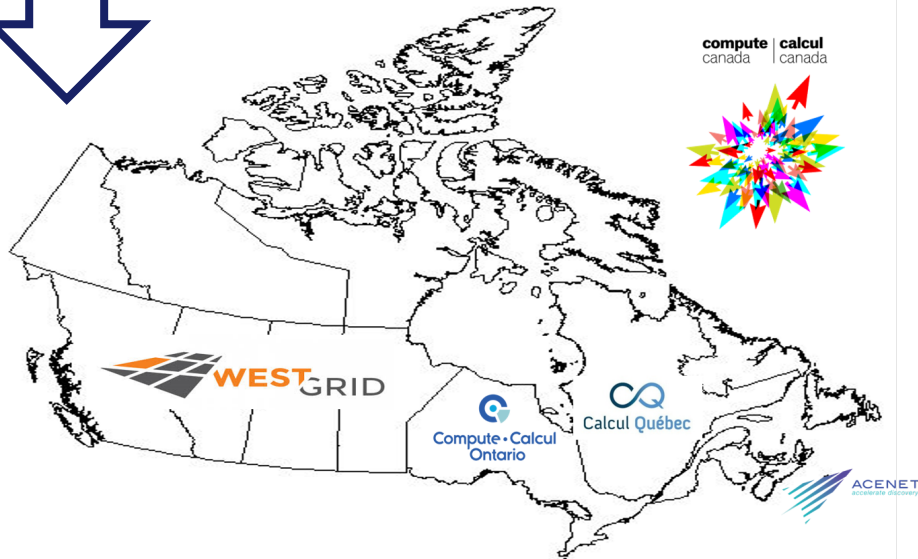


**NDRIO** | **NOIRN**  
New Digital Research Infrastructure Organization | Nouvelle organisation d'infrastructure de recherche numérique

**Guiding Principles:** Researcher Centric | Service-Oriented | Accountable & Transparent | Striving for Excellence | Collaborative

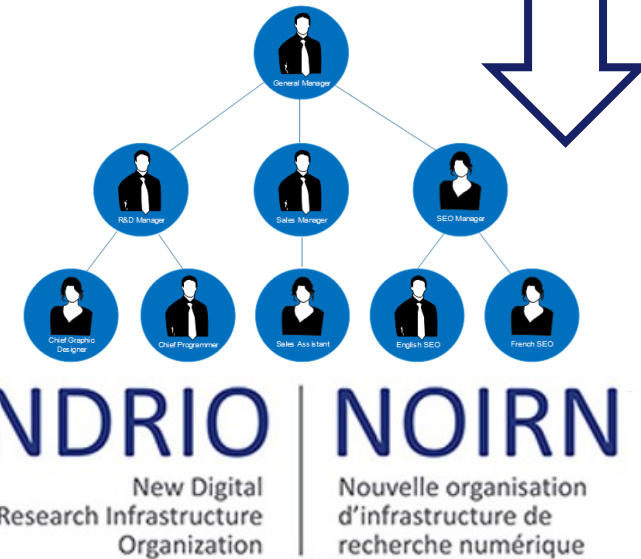


## Advanced Research Computing



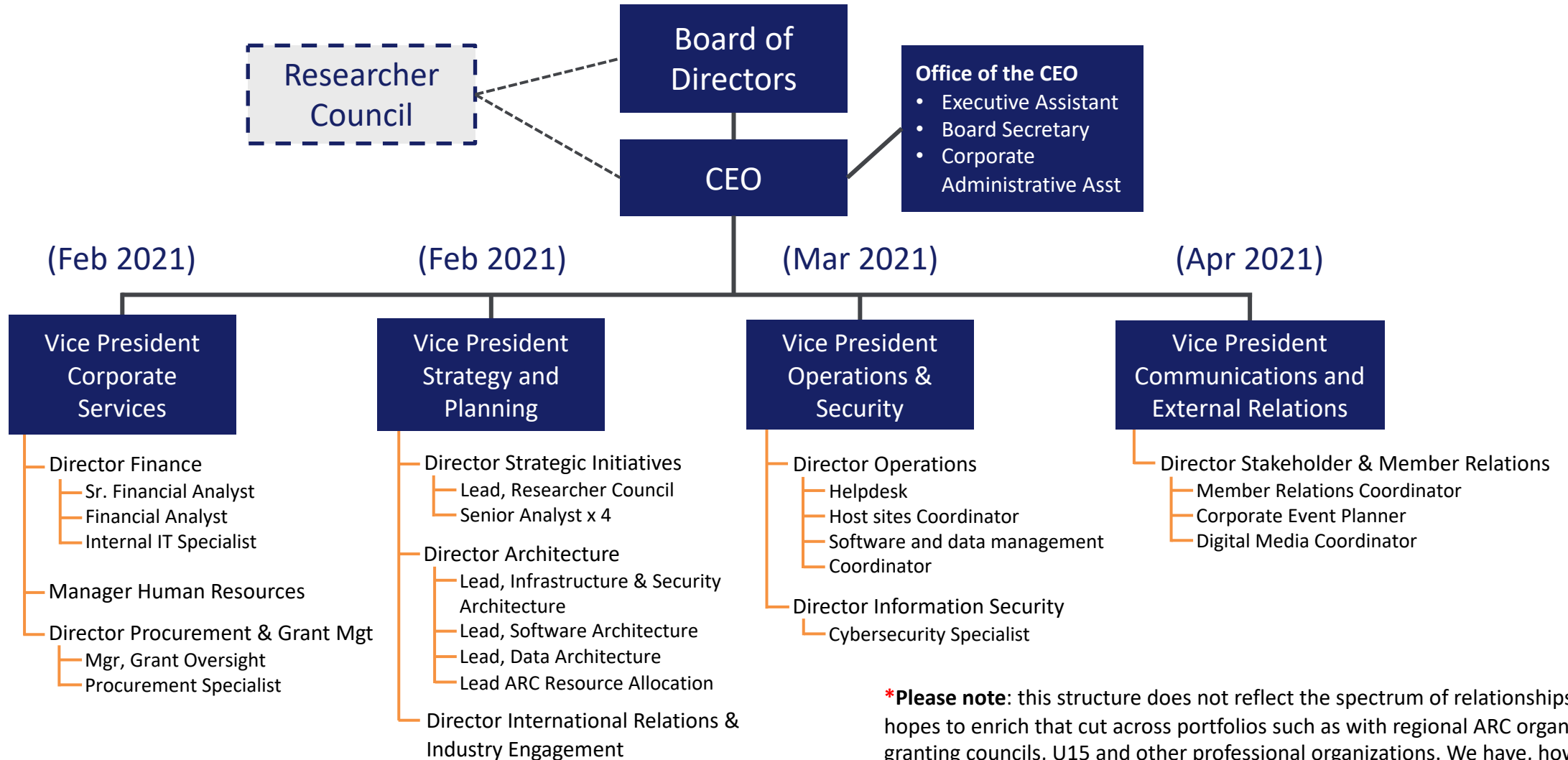
**RDC DRC**  
 Research Data Canada - Données de Recherche Canada

**portage**  
 SERVICES PARTAGÉS POUR LES DONNÉES DE RECHERCHE  
 SHARED STEWARDSHIP OF RESEARCH DATA





# NDRIO *Draft* Organizational Structure\*



\***Please note:** this structure does not reflect the spectrum of relationships NDRIO hopes to enrich that cut across portfolios such as with regional ARC organizations, granting councils, U15 and other professional organizations. We have, however, listed the **Researcher Council** as a direct line input to the Board via the CEO & its Chair.

# Researcher Council Progress

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## October 15

- Researcher Council introductions
- Draft Terms of Reference
- Overview of NDRIO, Committees, Working Groups, DRI environment

## November 10

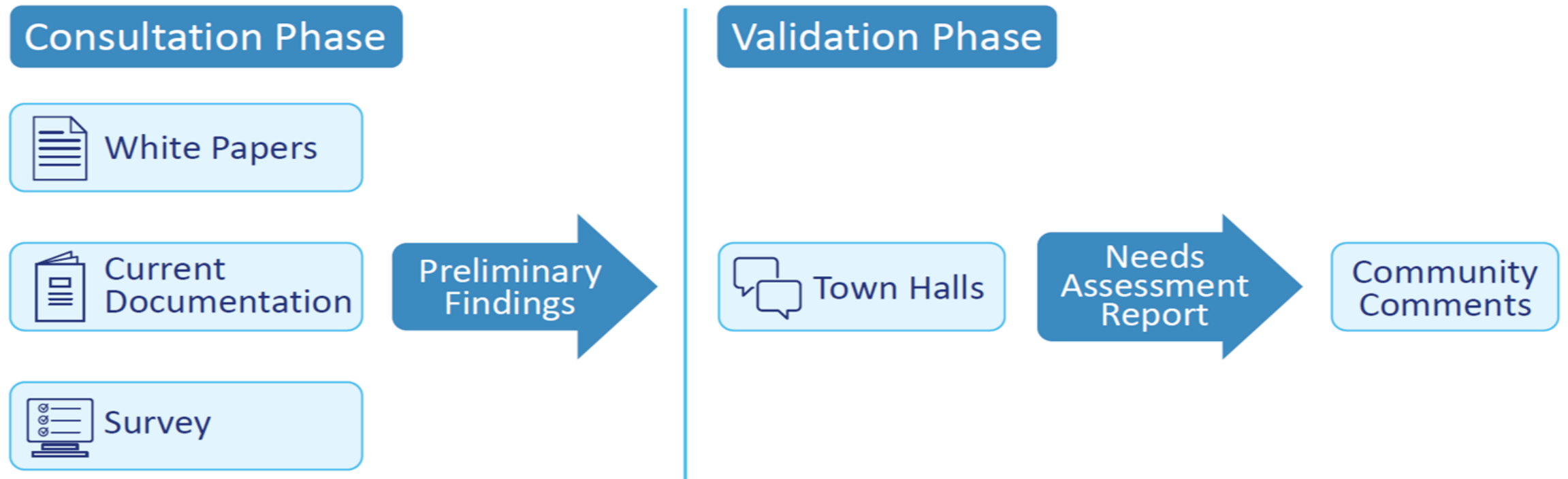
- Roles, engagement, communication – NDRIO staff ↔ Council | Board ↔ Council
- Needs Assessment Framework
- Inaugural Projects: Process considerations, timing of call

## December 10

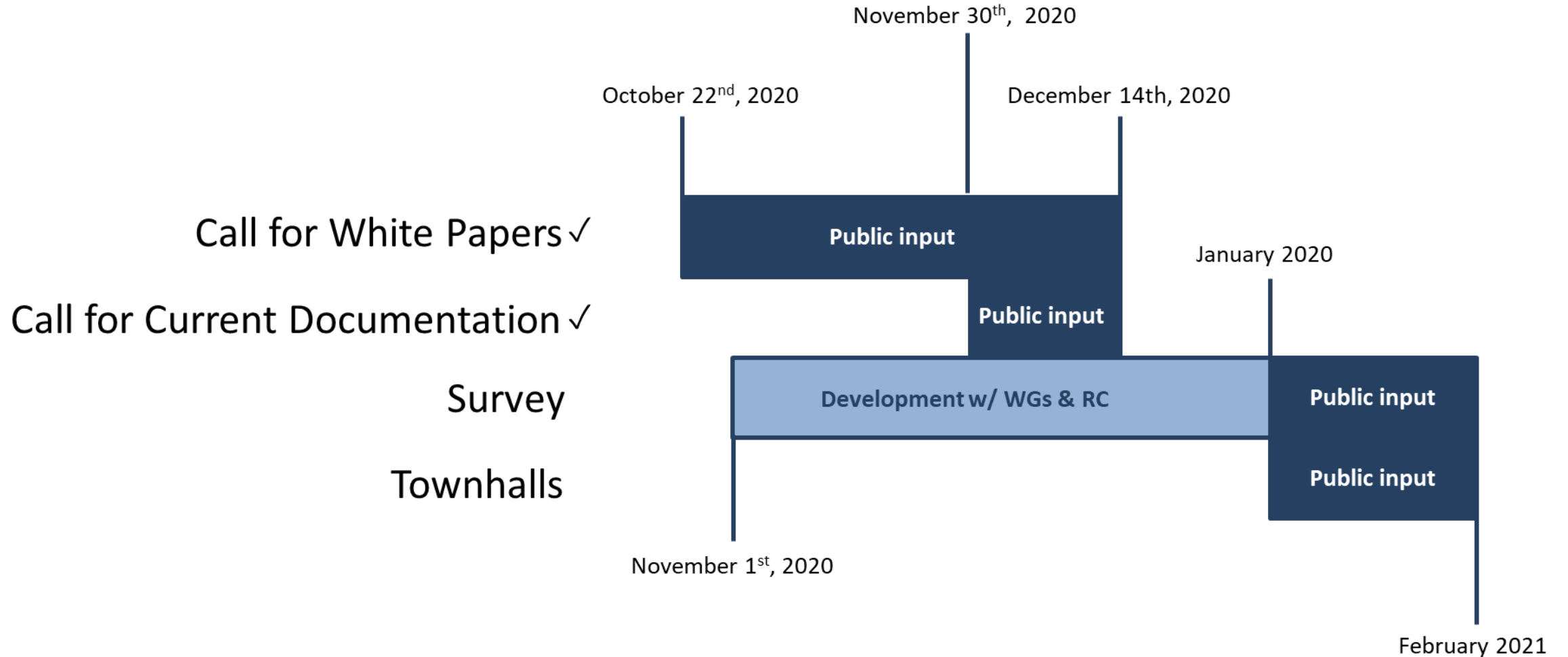
- NDRIO Needs Assessment Process – Roles and Responsibilities
- NDRIO Strategic Plan Process RACI Chart
- Needs Assessment Survey

# Needs Assessment Framework

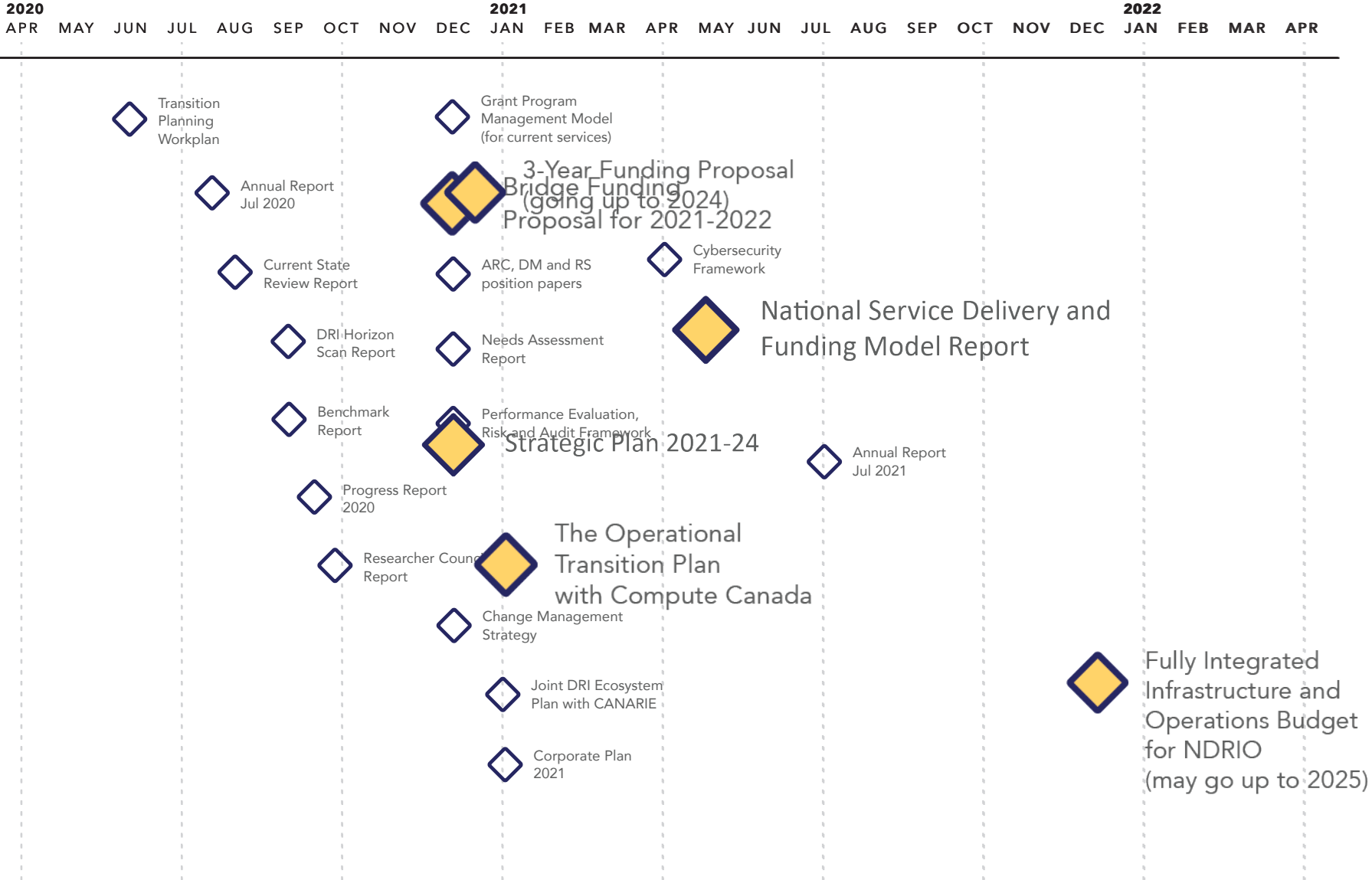
## Needs Assessment Process



# Needs Assessment Timelines



# Timeline Shifts & Other Obligations



# Revised Timeline: Key Strategic Workplan Deliverables

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Completion of Current State Assessment	January 2021
Development & Delivery of Initial Projects	January-May 2021
Completion of Researcher Needs Assessment	January 2021
Organization Name and Brand Identity	April 2021
Draft Service Delivery & Funding Model	May 2021
Delivery of 2021-2024 Strategic Plan	September 2021

# 3. Transition Planning

# Transition Planning Framework

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- Two operational transition plans are being developed.
  1. The transition of Research Data Canada (RDC) / Research Data Management (RDM) and Research Software (RS) with CANARIE – this plan will be prepared by CANARIE in collaboration with NDRIO, to be approved by both organizations before being presented to ISED.  
**(Planning Deadline: January 2021)**
  2. NDRIO is planning the transition of ARC activities, in collaboration with Compute Canada Federation. **(Planning Deadline: April 2021)**
- NDRIO and Compute Canada recently formed a Joint Transition Committee.
  - A coordinating committee of Board representatives from NDRIO and Compute Canada has been established to oversee transition activities leading up to April 1, 2022.



# How Do We Compare by ARC Region?

## Federal Granting Council Awards by Province, 2012-2013

### Octrois des conseils subventionnaires fédéraux par province

	ACENET	QC	ON	WestGrid	CANADA
SSHRC % Canada	4.5%	27.4%	43.4%	24.7%	100.0%
NSERC % Canada	6.5%	26.4%	37.6%	29.9%	100.0%
CIHR % Canada	3.2%	28.9%	40.1%	26.5%	100.0%

## Canada Foundation for Innovation Awards by Province Sept 2015

### Octrois de la Fondation canadienne pour l'innovation par province

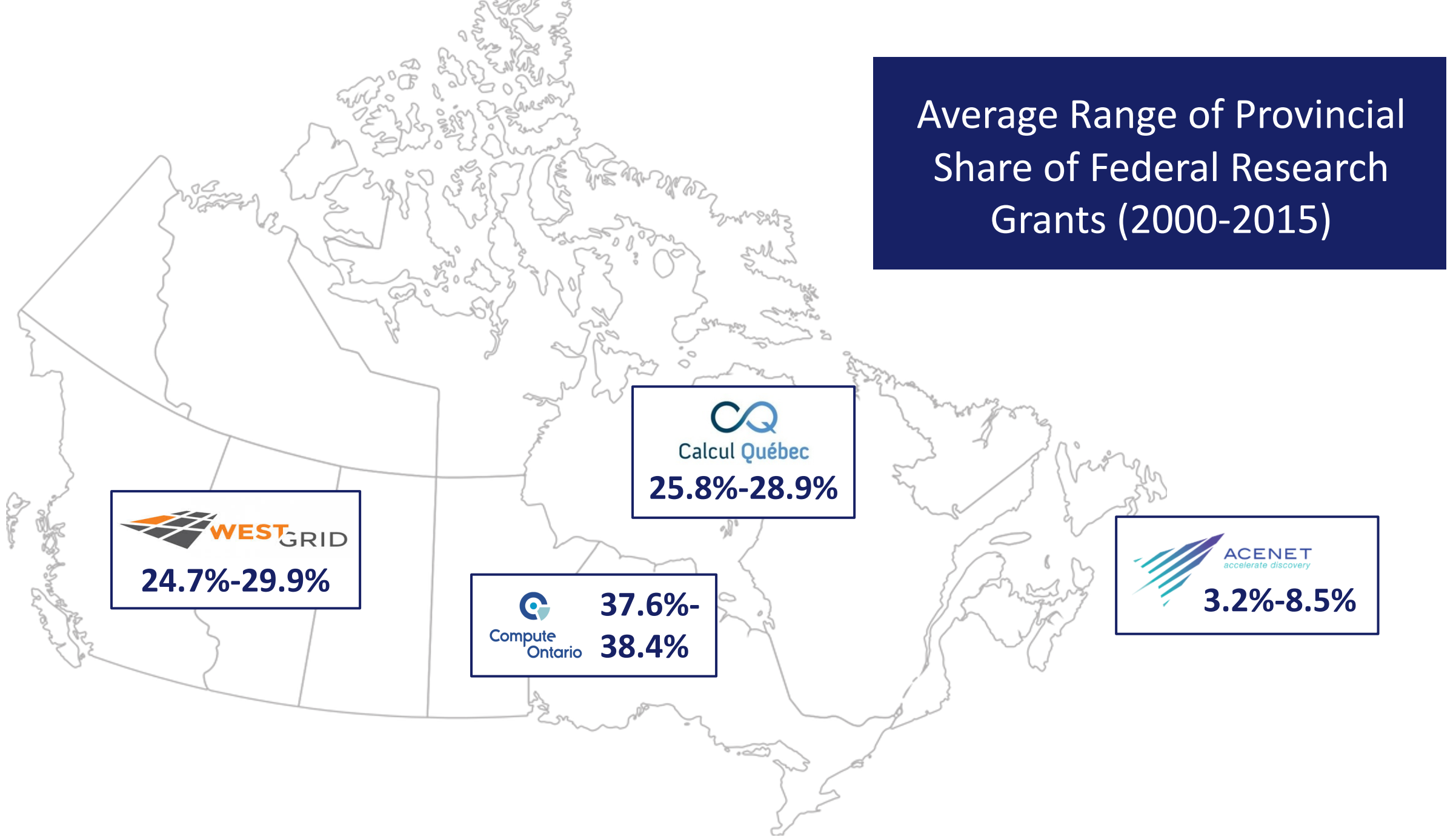
	ACENET	QC	ON	WestGrid	CANADA
% of CFI Awards <sup>1</sup> / % d'octrois FCI <sup>1</sup>	8.6%	25.8%	37.1%	28.5%	100.0%

## Canada Research Chairs Allocations by Province, 2000-2015

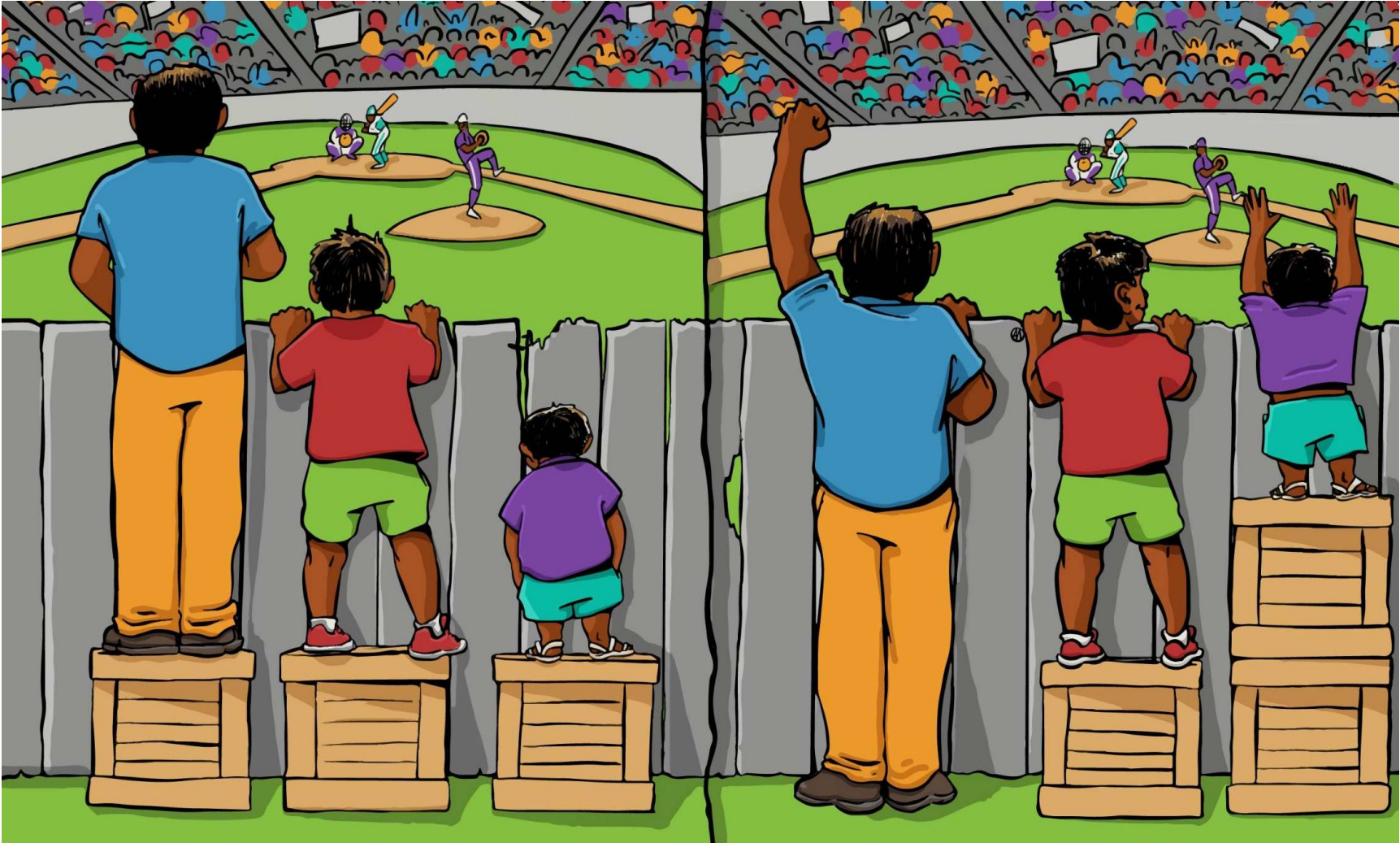
### Attribution des chaires de recherche du Canada par province, 2000-2015

	ACENET	QC	ON	WestGrid	CANADA
Provincial Share of Chairs Allocated Years 2000-2015 / Part provinciale des chaires attribuées 2000-2015	6.1%	27.3%	38.5%	27.9%	100.0%

# Average Range of Provincial Share of Federal Research Grants (2000-2015)



# Equality vs Equity



EQUALITY

EQUITY

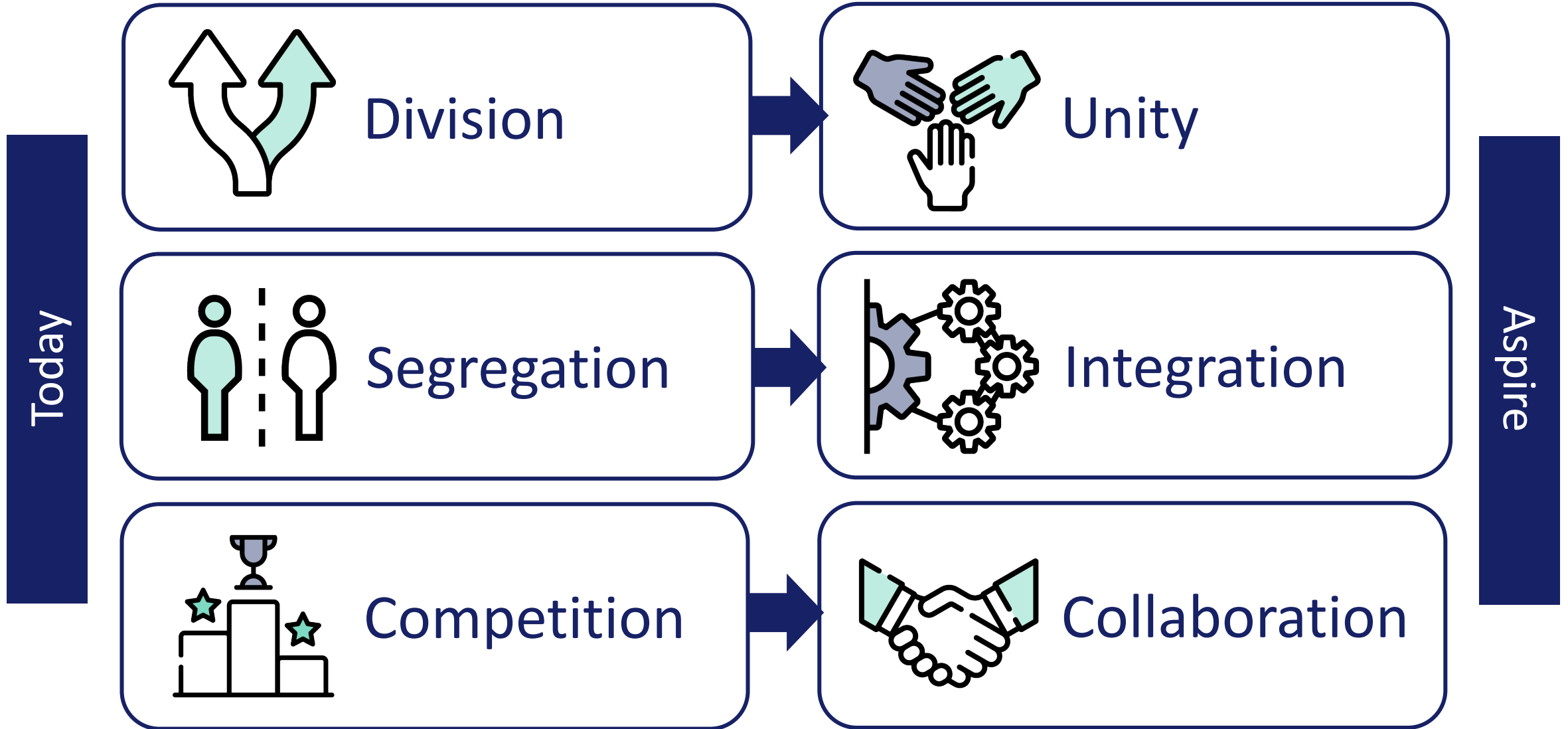


Are there better ways to do things?

Are we being responsible with the public  
funds entrusted to us?

How is our proposed approach better than it is today?

# Digital Research Infrastructure in Canada



Suzanne Talon  
CEO – Calcul Québec



# Closing Remarks