



# Information Session

Controlled Access Management (CAM) for Research Data Initiative

12 July 2023



**Digital Research**  
Alliance of Canada

**Alliance de recherche**  
numérique du Canada

Welcome

Land Acknowledgement

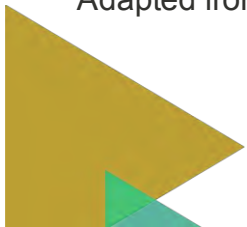
<https://alliancecan.ca/en>



# Code of Conduct

- The Alliance seeks to provide a welcoming, engaging, and safe community for everyone.
- Discriminatory language is not appropriate in any venue or platform.
- The Alliance does not tolerate harassment in any form. Harassment is understood as any behaviour that threatens another person or group or produces an unsafe environment.

Adapted from [Code4Lib Creative Commons Conference](#)



# Agenda

- ▶ *Controlled Access Management for Research Data Initiative* project background and context
  - ▶ Victoria Smith, Initiative Lead and Policy, Privacy and Sensitive Data Coordinator, the Alliance
- ▶ Call for Participation as a Partner Organization and Proposal for the Funding Opportunity process information
  - ▶ Jen Pecoskie, Program Officer, the Alliance
- ▶ Question Period



# Controlled Access Management for Research Data Initiative

**Victoria Smith**

Initiative Lead

**Policy, Privacy and Sensitive Data  
Coordinator**

Digital Research Alliance of Canada



## Context:

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Researchers are increasingly required to deposit **data** for review and/or **reuse**.

Not all research data can be published openly – some require **controlled access**.

e.g., data containing sensitive, confidential, proprietary, or embargoed information.







## Controlled Access Management (CAM) for Research Data Initiative Goal:

Support researchers, data repositories, and research institutions and organizations with **managing controlled access** to research data – enhancing data security, enabling data discovery, and facilitating appropriate data access.





# Partner Organizations

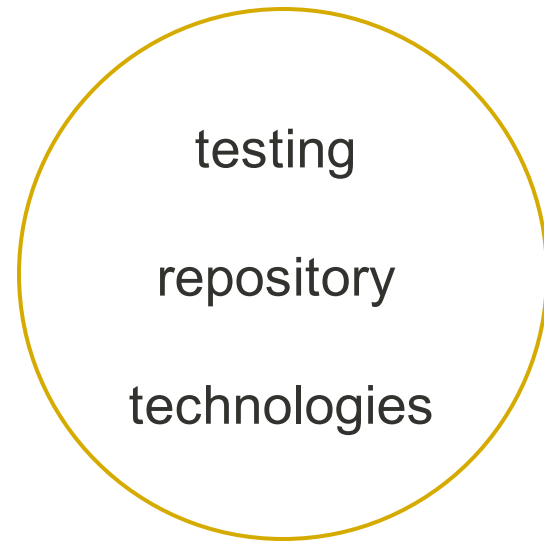
- Research data repositories
- Research institutions / post-secondaries
- Organizations with research mandates or interests





# CAM key components

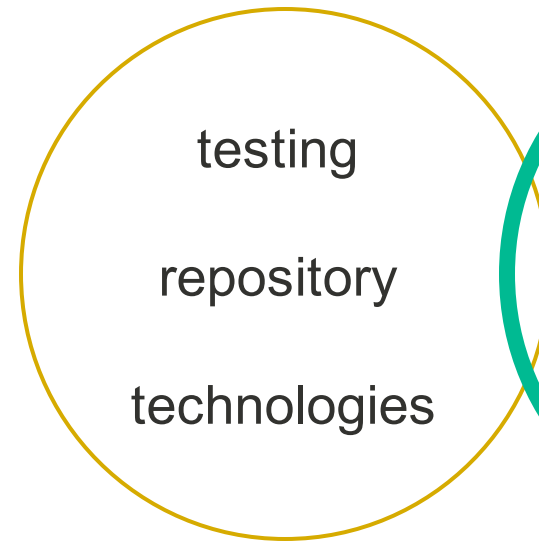
## Technology



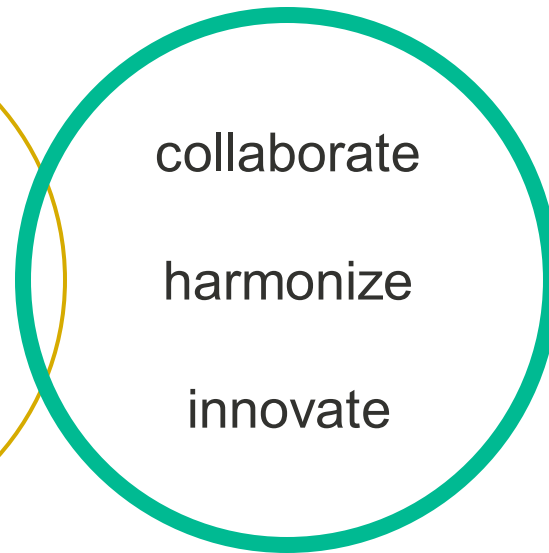


# CAM key components

## Technology



## Workflows





# CAM key components

## Technology

testing  
repository  
technologies

## Workflows

collaborate  
harmonize  
innovate

## Resources

develop  
train  
build capacity





# Technologies Overview

We anticipate multiple repositories will participate to test or pilot **various technologies** related to managing controlled access to research data





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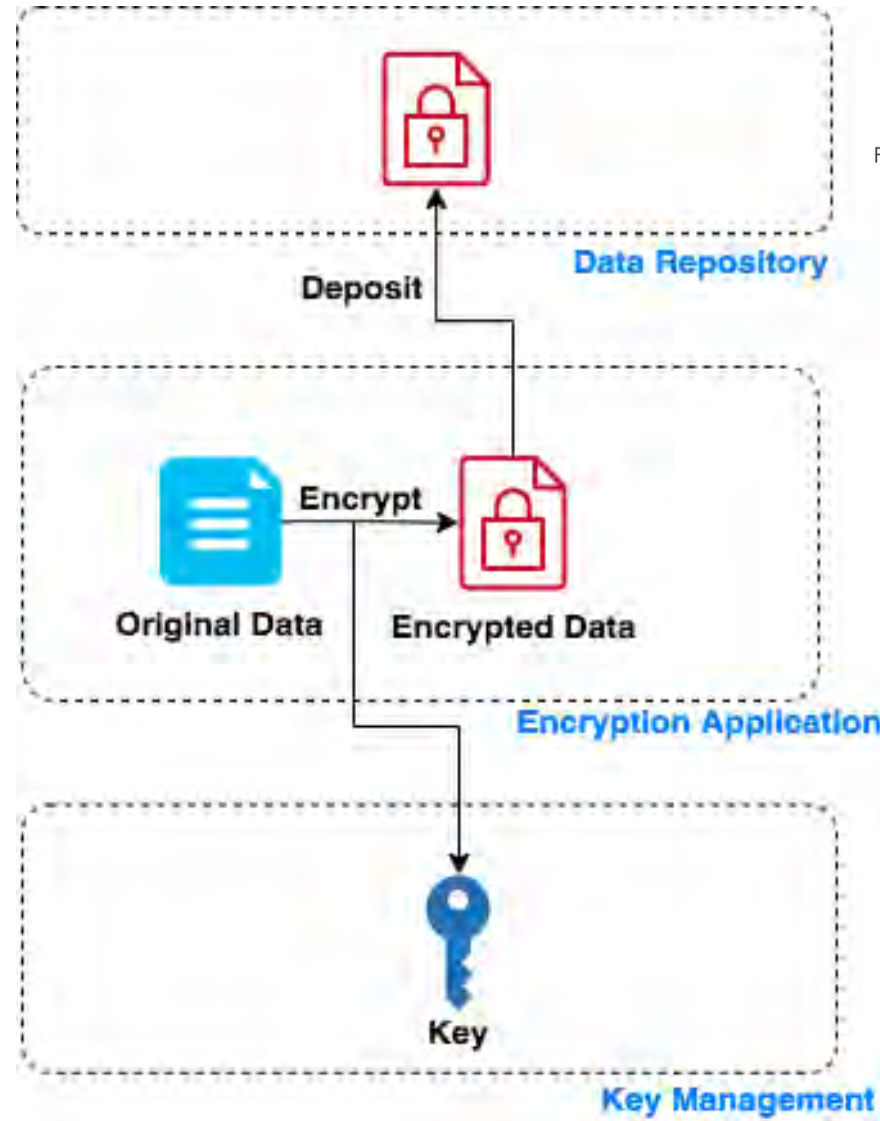
Partner Organizations may choose to adapt or adopt FRDR technology OR test other technologies or solutions







# Zero-Knowledge Encryption



**FRDR**  
Federated Research  
Data Repository



**DFDR**  
Dépôt fédéré de  
données de recherche



**Encryption  
Application**



HashiCorp  
**Vault**





# FRDR Technology Overview

The FRDR software enables:

- local encryption of data prior to deposit
- data discovery (published metadata)
- user authentication
- requesting and approving access
- signing data access agreement

Partner Organizations will be given access to source code and supporting documentation to enable **adoption or adaptation** of the software.



# Partner Organization Collaboration

Co-develop  
Pilot Roadmap



Implement  
Pilot Roadmap



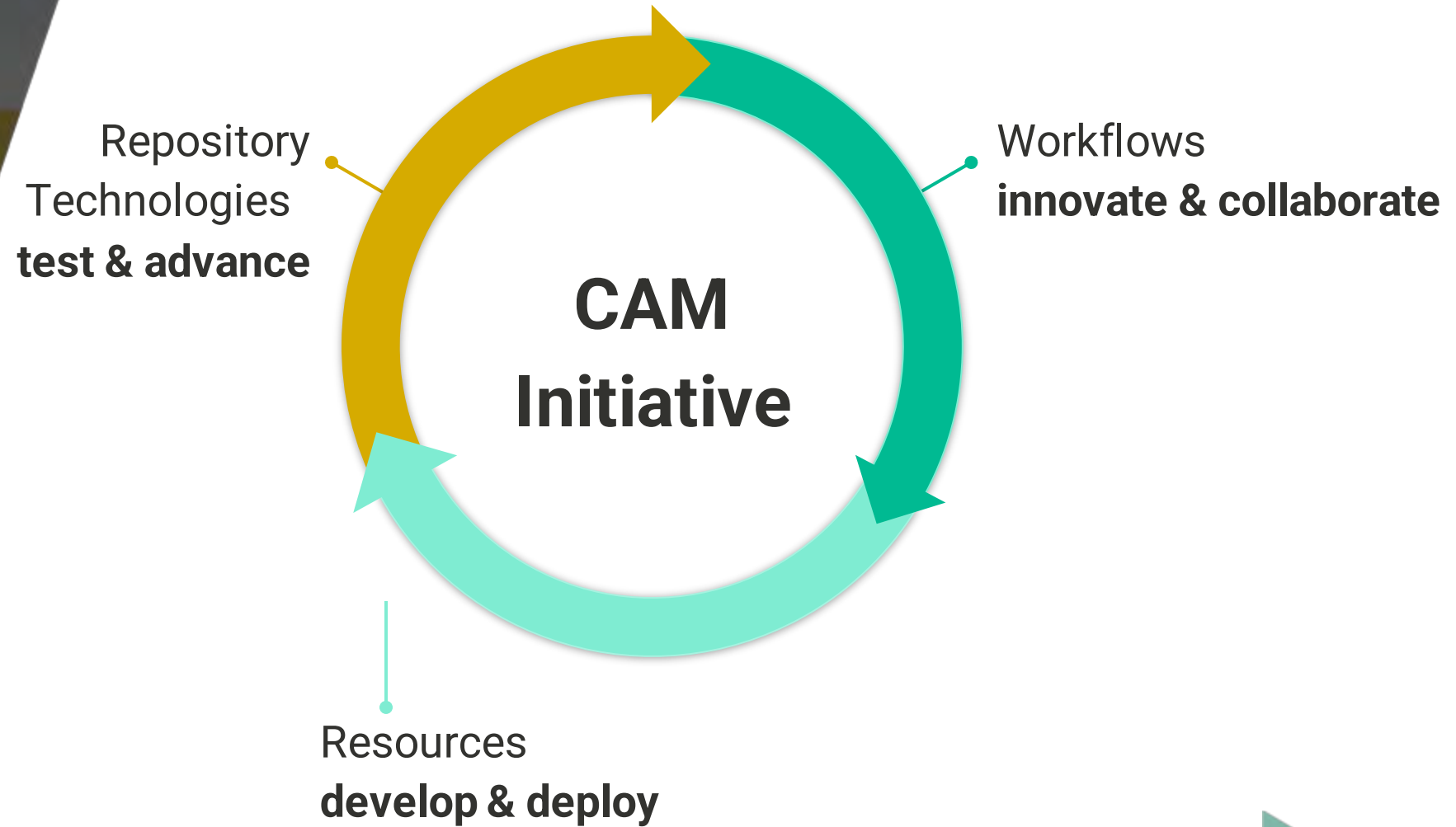


# Pilot Roadmap Co-development (2023-2024)

- Detailed pilot planning
- Co-develop to embed local needs and strategic goals
- Opportunity for leadership roles in areas of interest



# Pilot Roadmap Implementation (2024-2025)





# Pilot Roadmap Implementation (2024-2025)

- To support implementation, the Alliance proposes the following working groups:
  - Research Ethics
  - Research Privacy
  - Research Contracts
  - Research Security
  - Research Support (e.g., library services)
  - Governance (e.g., VPR office)

for review and approval of partner organizations

- A final report with recommendations for future work





# Funded Positions

The **CAM Initiative** has approval to support two positions to support the initiative as a whole:

- Controlled Data Access **Engagement** Specialist
- Controlled Data Access **Services** Specialist





# Controlled Data Access Engagement Specialist

Proposed role:

- to support the **participation** of Partner Organizations
- to support co-developing and implementing the **Pilot Roadmap**







# Controlled Data Access Services Specialist

Proposed role:

- to coordinate with **data repository** Partner Organizations
- to support **testing technologies**





About

Membership

Services

**Funding Opportunities**

**Controlled Access Management for  
Research Data**

Frequently Asked Questions

Initiatives

Latest

Contact

# Controlled Access Management for Research Data

## Call for Participation and Call for Proposals

The Digital Research Alliance of Canada (the Alliance) is launching a Call for Participation as a Partner Organization and a Call for Proposals for the Funding Opportunity for the Controlled Access Management for Research Data Initiative. This initiative forms part of the Alliance's [2023-25 digital research infrastructure \(DRI\) investments](#) which will directly benefit Canada's researchers.

### Important information

- [Participation and Funding Call Guide](#) <sup>↗</sup>
- [FAQ](#)
- [Information Session: July 12, 2023](#)
- Application period: June 27 to August 11, 2023

### Apply now

[Online application](#) <sup>↗</sup>

# Timelines

Activity	Date
Publication of Funding Call	June 27, 2023
Information Session – both official languages	July 12, 2023 noon ET
<b>Deadline to submit questions</b>	August 08, 2023 noon ET
<b>Deadline to submit application</b>	Call for Participation as a Partner Organization - August 11, 2023, 8pm ET Call for Proposal for the Funding Opportunity - August 11, 2023, 8pm ET
Adjudication process	August 2023
Notice of Award / Eligibility of expenses begin	August/September 2023

# Eligibility: Partner Organization Participation

- ▶ A Canadian university or post-secondary college or educational institution or hospital that receives public funding, and that carries on, or is capable of carrying on, meaningful research.
- ▶ A non-profit organization that is situated in Canada and that carries on, or is capable of carrying on, meaningful research.
- ▶ An institution or non-profit organization that is situated in Canada and whose activities support Canada's DRI ecosystem.
- ▶ Canadian data repositories.
- ▶ First Nations, Inuit, and Métis Nation organizations, communities, collectives, or governments.

# Eligibility: Funding Opportunity

Organizations that meet the following **three criteria** are eligible to apply to host one or both positions:

- ▶ A Canadian university or post-secondary college or educational institution or hospital that receives public funding, and that carries on, or is capable of carrying on, meaningful research.
- ▶ A Tri-Council eligible institution.
- ▶ A Partner Organization for this Initiative (by responding to the Call for Participation for Partner Organization Participation).

# Funding and Expense Eligibility

- ▶ The funding window is for two (2) fiscal years (ending March 31, 2025).
- ▶ Total budget is \$400,000 CDN with the Alliance funding 60%: up to \$240,000 for two (2) positions for two (2) years.
- ▶ Cost-match requirement of 40%: up to \$160,000 (up to \$40,000 per year for one (1) position, or up to \$80,000 per year for two (2) positions).
- ▶ Funding is to support up to 60% of the salaries and benefits of up to two positions - All other expenses are ineligible.

# Application Process

- ▶ Applications submitted using online application tool
  - ▶ [Link to SimpleSurvey Application](#) (EN and FR)
- ▶ Deadline
  - ▶ Call for Participation as a Partner Organization - August 11, 2023, 8pm ET
  - ▶ Call for Proposal for the Funding Opportunity - August 11, 2023, 8pm ET

# Adjudication Process

- ▶ Merit Review Process
  - ▶ Stage 1: Eligibility Assessment (conducted by the Alliance)
    - ▶ Applications for Participation as a Partner Organization, and
    - ▶ Applications for the Funding Opportunity
  - ▶ Stage 2: Adjudication Process for Applications for the Funding Opportunity
    - ▶ Individual review and scoring of applications
    - ▶ Consensus scoring of applications
    - ▶ Ranked from highest to lowest

An Evaluation Scorecard is included in the Program Guide.



# Questions? Q&A?

Post-session questions? Email:  
[funding-subventions@alliancecan.ca](mailto:funding-subventions@alliancecan.ca)





## Digital Research Alliance of Canada

Accelerating Canada's  
Research Future.

## Alliance de recherche numérique du Canada

Accélérer l'avenir de  
la recherche au Canada.

Thank you!

Contact [funding-subventions@alliancecan.ca](mailto:funding-subventions@alliancecan.ca)

[alliancecan.ca](http://alliancecan.ca)

