

CIHR's Research Data Management Learning Module

RDC Webinar Series - Introduction to new RDM Capacity Building Initiatives

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Data – why we manage

The volume and flow of research data is accelerating at an unprecedented rate. Ensuring that this data is managed effectively will lead to tremendous benefits for the research community and society at large.

Benefits of Research Data Management (RDM)

**Support
research
excellence**

**Encourage
research
dissemination**

**Elevate
research
impact**

**Promote best
practices**

Health Research Data: A CIHR Priority

CIHR Strategic Plan

Health Research Roadmap II

Commitment to embrace the data revolution



Health Research and Health-Related Data Framework

Guide to current and future data-related activities



Tri-Agency Research Data Management Policy

Promote sound research data management and sharing practices

HRHR Data Framework: Strategic Outcomes

1

COLLECTIVE DATA **CULTURE**
IS FOSTERED

2

DATA-RELATED **RESOURCES**
ARE AVAILABLE

3

DATA-RELATED **SKILLS** ARE
EXPANDED

4

DATA **ACCESS, LINKAGE,**
USE & REUSE IS ENABLED

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Tri-Agency Research Data Management Policy

Promote sound research data management and sharing practices

Draft Tri-Agency Research Data Management Policy

A three-pillar approach



Institutions

Institutions administering tri-agency funds will be required to create an institutional research data management strategy.



Data Management Plan

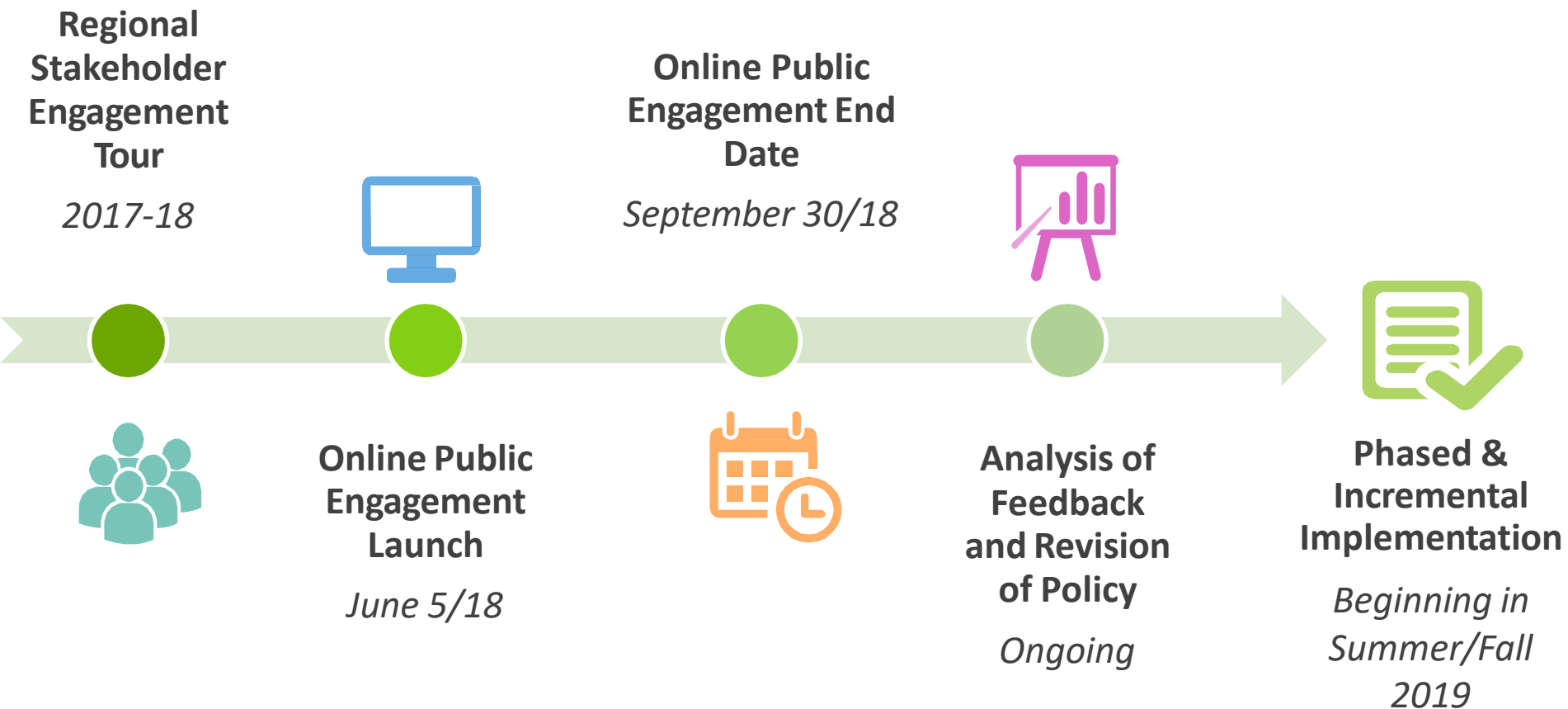
All grant applicants will be encouraged to complete a data management plan (DMP) as part of their application (some grants may require it).



Data Deposit

Grant recipients will be encouraged (and sometimes required) to deposit digital research data resulting from agency-funded research into a recognized digital repository.

Draft RDM Policy Timeline



Culture Change and Capacity Building



Raising Awareness

- Internal Communications
 - Support the development of data-related policies
- External Communications
 - Support research community in meeting new RDM standards



Opinion Leaders & Champions

- Engage with leaders in the Canadian RDM community.



Training & Support

- RDM learning module

RDM Learning Module



Developed collaboratively
with input from key
stakeholders and experts

Interdisciplinary relevance

French – English bilingual

RDM Learning Module - Objectives

Research Data Management

Describe research data management, what it is and why it is important

Data Management Plans

Describe data management plans, including their components and related considerations

Portage DMP Assistant

Highlight and demonstrate use of an available DMP tool

RDM Learning Module - Highlights

Menu

Click on the menu buttons below to visit each section.

Research Data Management (RDM)

Data Management Plans (DMP)

Portage DMP Assistant

Short Quiz

- Provides an overview of what RDM is and how it contributes to a healthy research ecosystem.
- Introduces learners to the concept of a Data Management Plan.

Give us your opinion
on this module

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Short Quiz

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- Provides a detailed description DMPs including descriptions of the key components of a DMP.
- Considerations explored:
 - Data interoperability
 - Data Security
 - Data storage and reuse
 - Ethical considerations in RDM
 - Working with Indigenous peoples' data

Portage DMP Assistant



RDM Learning Module - Feedback

- Interest from research data and librarian communities
- Content may be updated pending the release of the final RDM policy (2019)
- We encourage you to share this widely and provide feedback

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For more information on health research data at CIHR:

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