



Digital Research Alliance of Canada

Revised Institutional RDM Strategy Development Template
– An Introduction

Institutional RDM Strategy Workshop

October 27, 2021

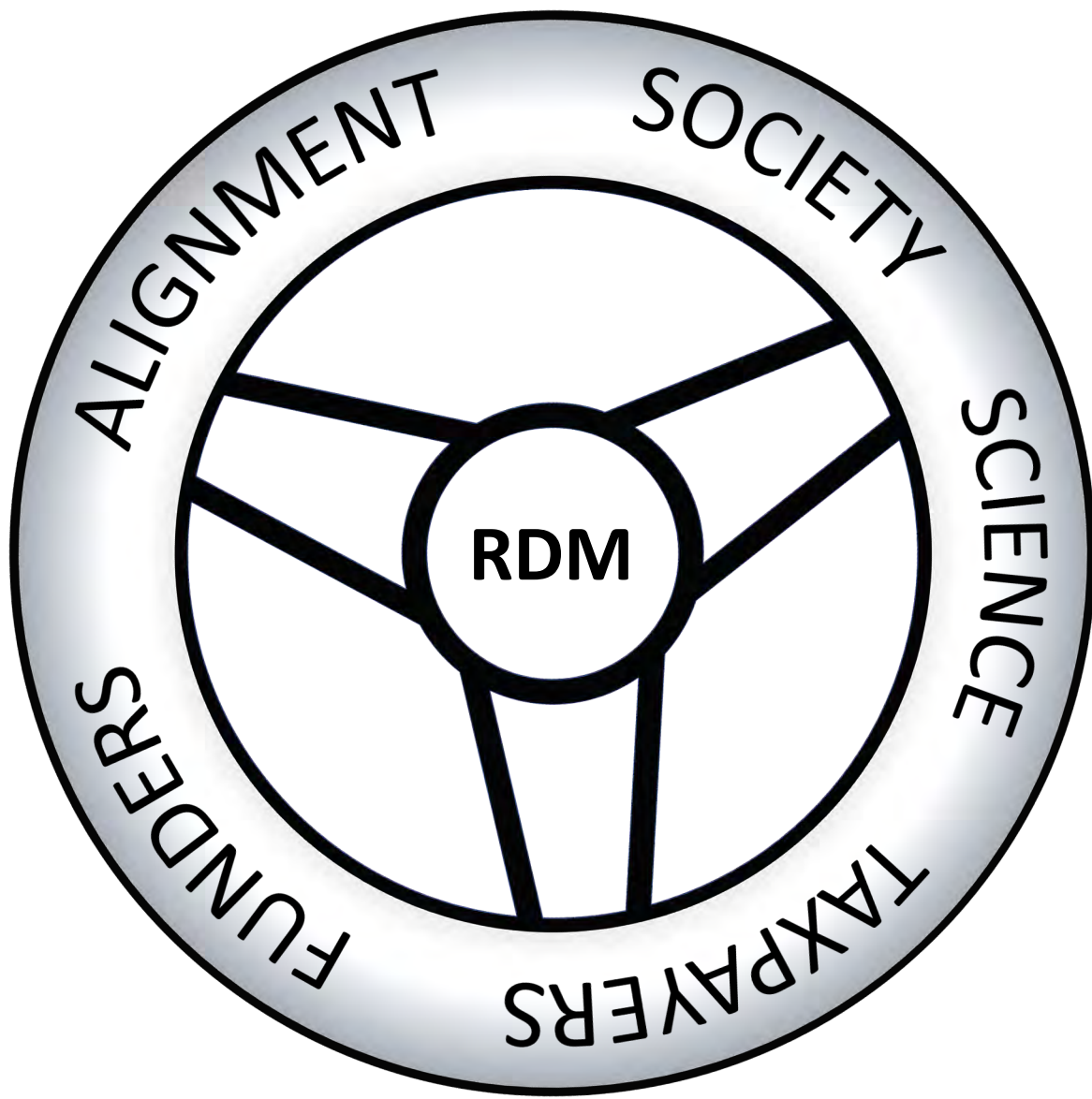
Jeff Moon, Director, Alliance RDM



**Digital Research
Alliance** of Canada

**Alliance de recherche
numérique** du Canada







IMPROVING DISCOVERABILITY

SUPPORTING ACCESS & REUSE

REPLICABILITY & VERIFICATION



RESPONDING TO GROWING DEMAND

ENABLING GOOD PUBLIC POLICY

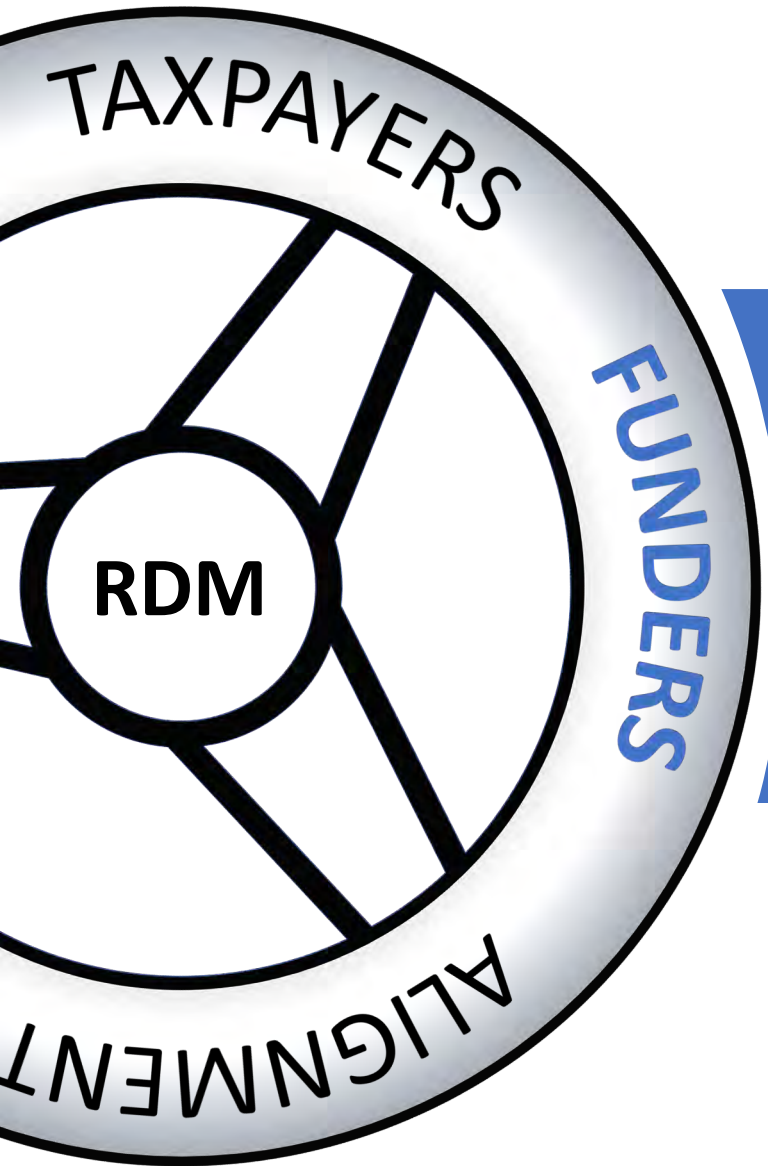
PROMOTING TRUST IN SCIENCE



ADOPTING BEST PRACTICES/STANDARDS

FACILITATING INTEROPERABILITY

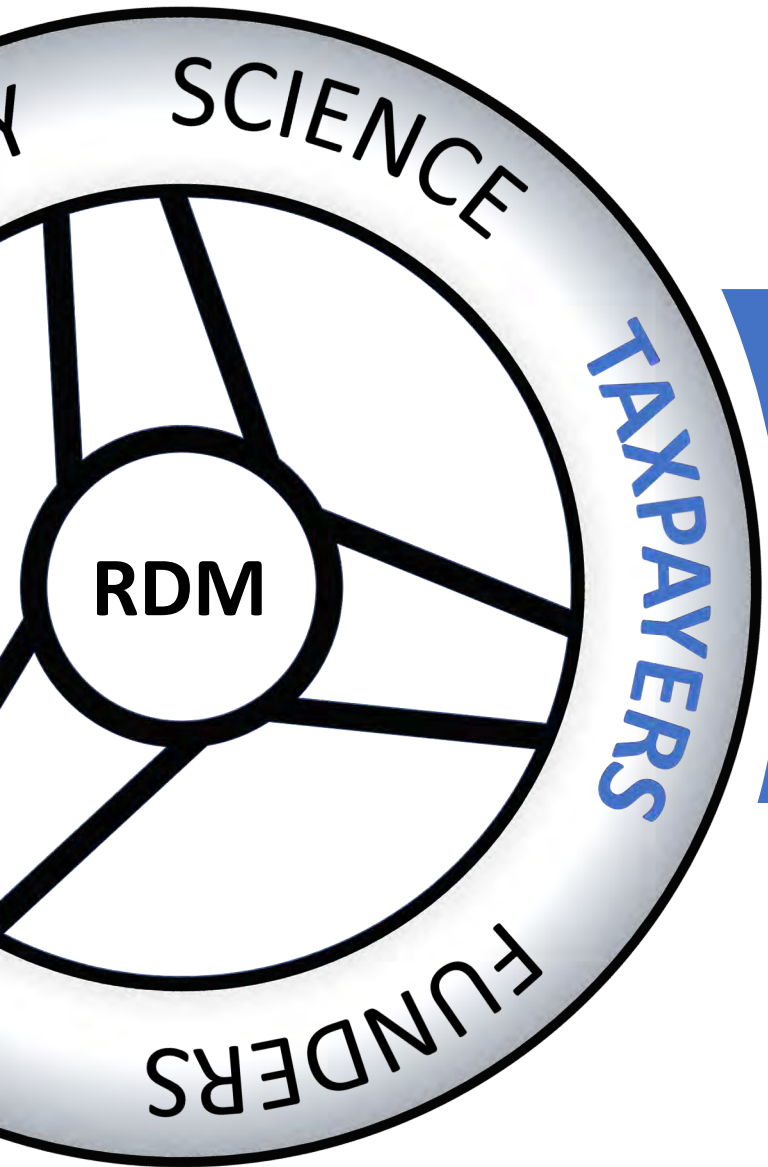
PROMOTING CANADIAN RESEARCH



RESPONDING TO REQUIREMENTS

ADVANCING OPEN SCIENCE AGENDA

ACKNOWLEDGING VALUE OF DATA



USING PUBLIC FUNDS EFFECTIVELY

REDUCING DUPLICATION

MAINTAINING PUBLIC SUPPORT

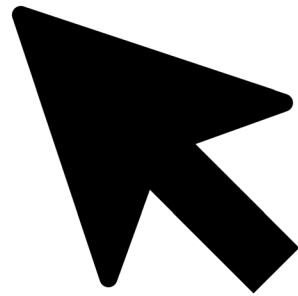


Principes FAIR Principles



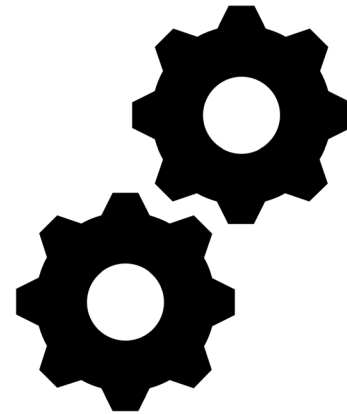
Findable

Trouvable



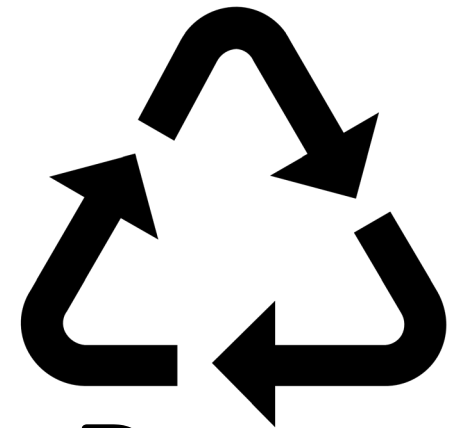
Accessible

Accessible



Interoperable

Interopérable



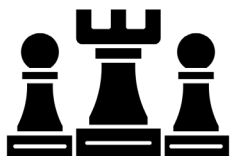
Reusable

Réutilisable



Funder Policy

Institutions

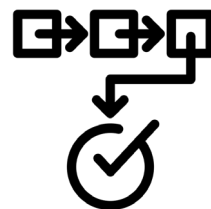


Institutional
RDM Strategy



RDM
Strategy
Template

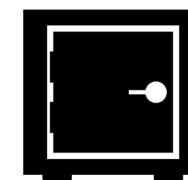
Researchers



Data Management Plans



National, online, bilingual, Data
Management Planning Tool



Deposit



National,
Multi-disciplinary
Repository
Options

Who do we serve? | Qui servons-nous ?

Researchers
Chercheurs

Research
Administrators
Administrateurs
de recherche

Researchers
Chercheurs

Grad Students
Étudiants des
cycles supérieurs

Research Data
Librarians
Bibliothécaires des
données de
recherche





“I’m a Vice Principal of research,
and I’ve been asked to lead a
team on the development of a
Research Data Management
Strategy to comply with the
Tri-Agency Policy”

"Je suis vice-principal de la recherche
et on m'a demandé de diriger une
équipe chargée de l'élaboration d'une
stratégie de gestion des données de
recherche afin de se conformer à la
politique des trois organismes "





Institutional RDM Strategy Template (2016)

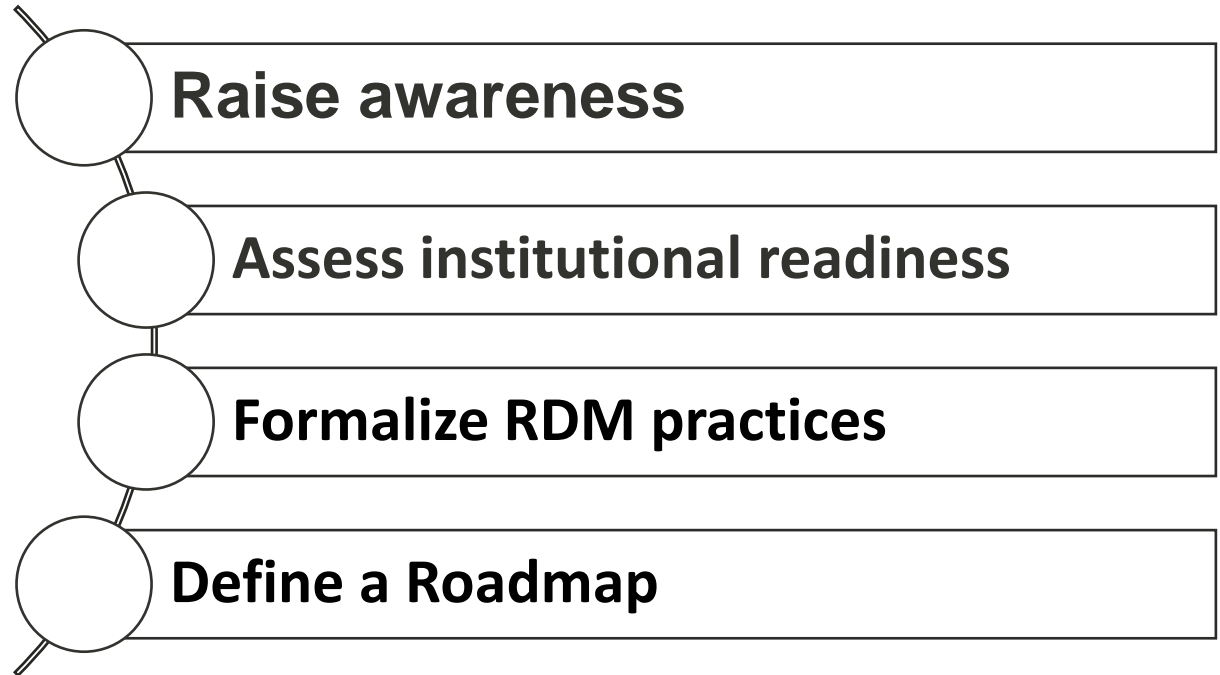


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**Institutions will be
“required to create an
institutional RDM
strategy”**





Institutional RDM
Strategy
Development
Template
[coming soon]

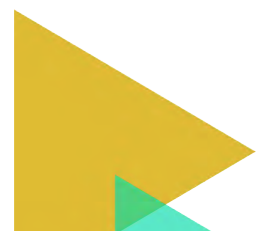
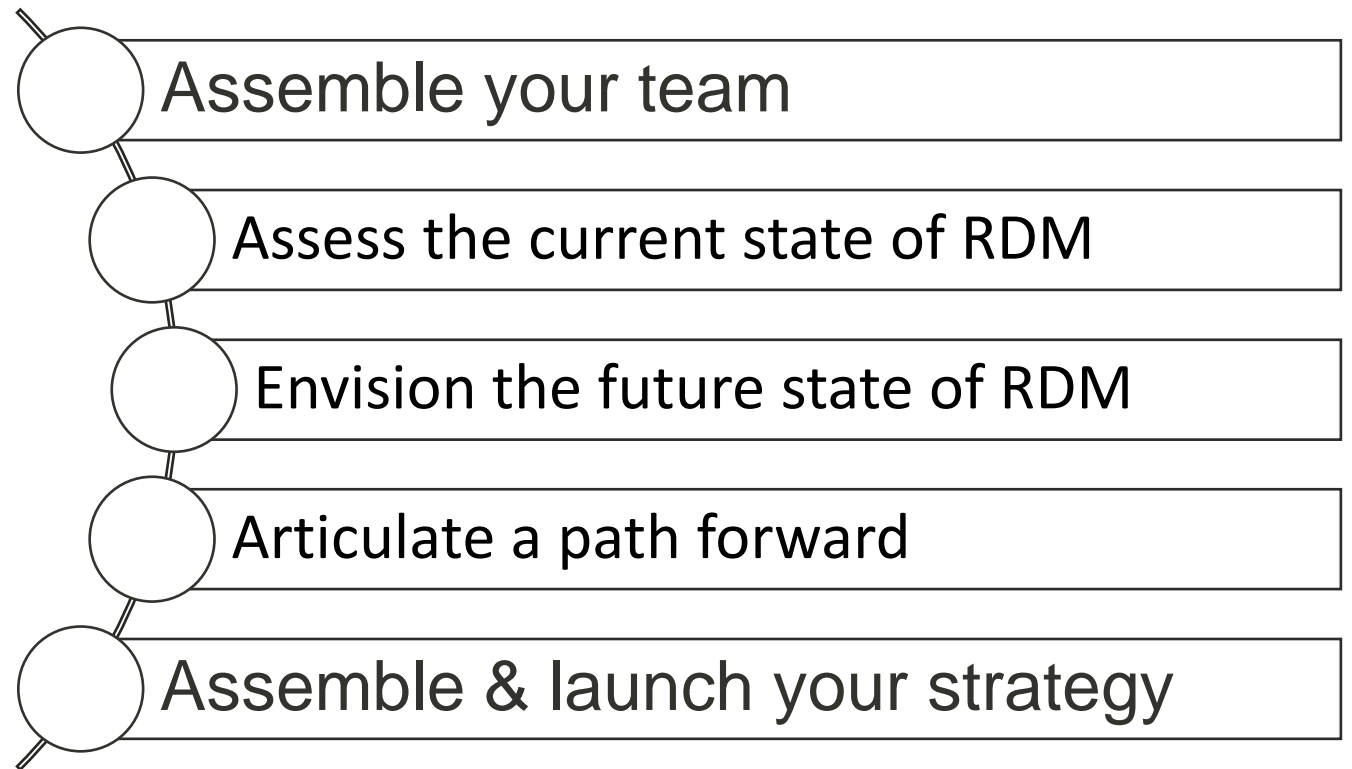


**Institutions will be
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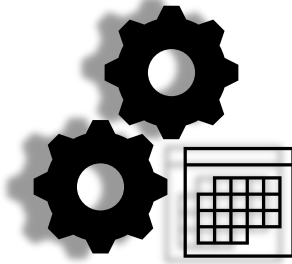




**Institutional
RDM Strategy
Development**



Assemble your Strategy Development Team / Constituez votre équipe de développement de la stratégie



- Graduate Studies / Études supérieures
- Executive Management / Direction générale

Researchers
Chercheurs

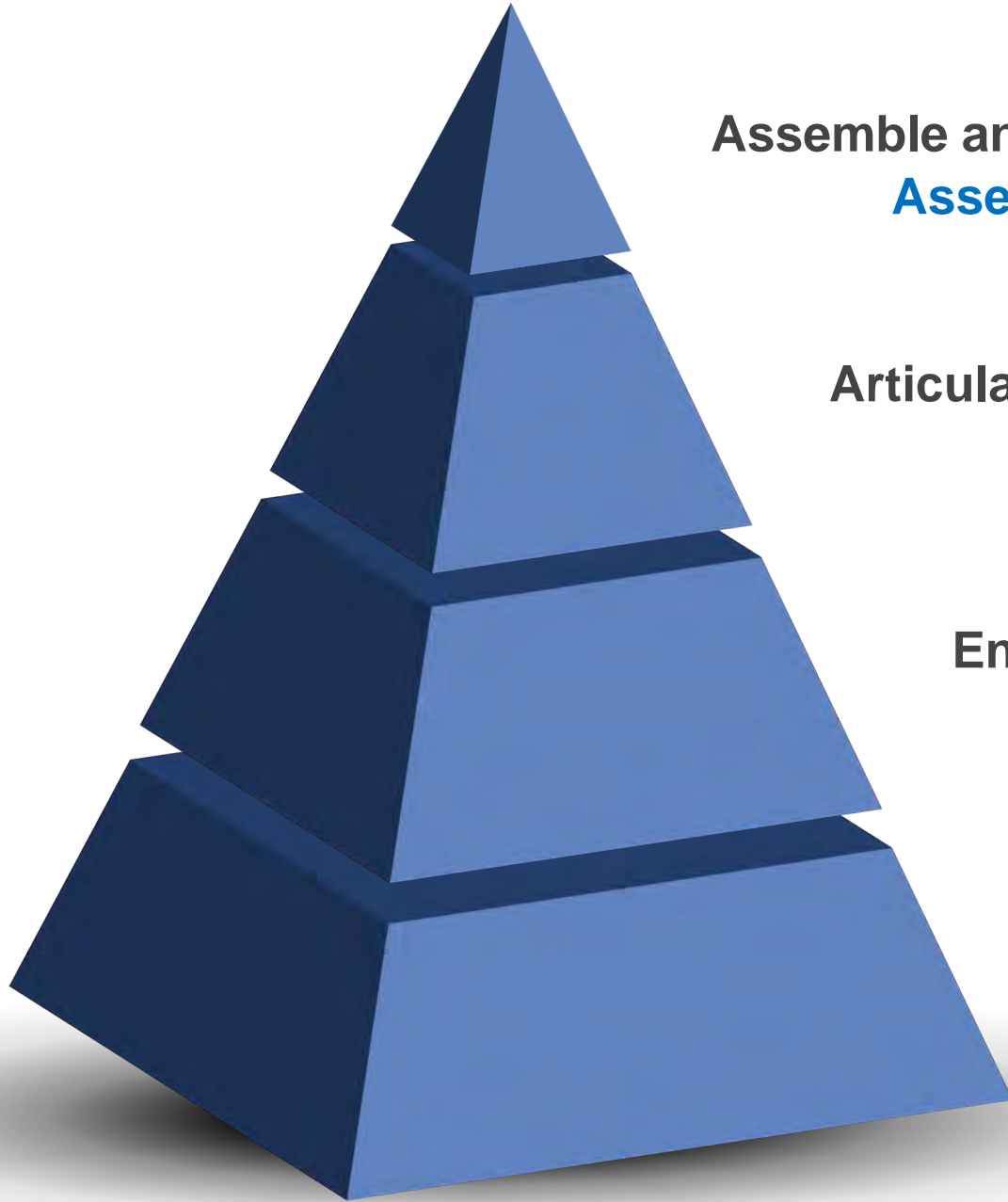
Library
Bibliothèque



Information Technology
Technologies de l'information

Office of Research
Bureau de la recherche

Ethics
Éthique



Assemble and Launch Your Strategy
Assembler et lancer votre stratégie

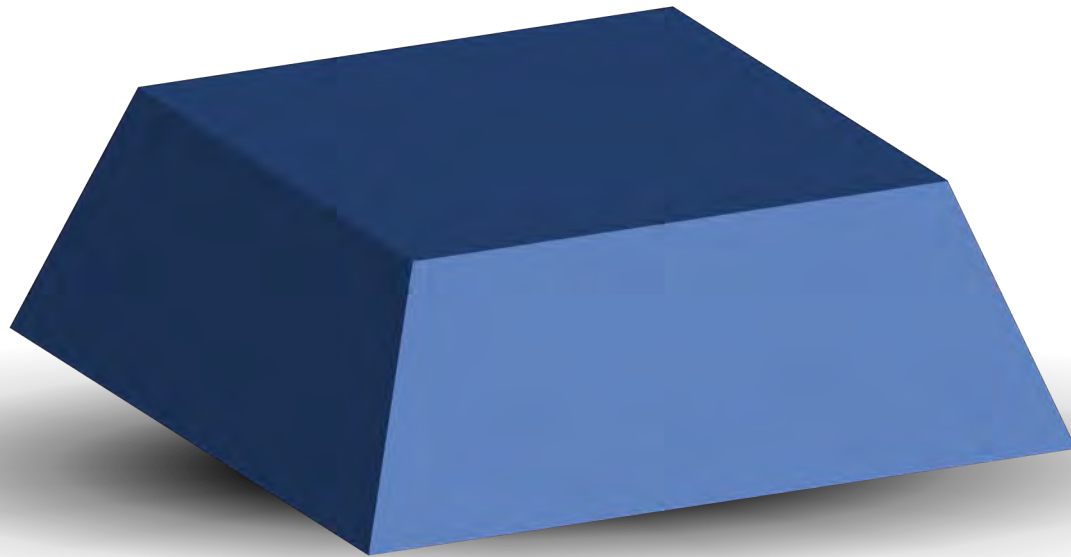
Articulate a Path Forward
Formuler un plan d'action

Envision The Future State of RDM
Envisager l'état futur du RDM

Assess the Current State of RDM
Évaluer l'état actuel du GDR



Assess the Current State of RDM
Évaluer l'état actuel du GDR



- Inventory institutional data assets and data management practices & supports on campus.
- Evaluate existing RDM supports and services in terms of things such as availability, funding, staffing, and sustainability.
 - Consider using an assessment tool such as the RISE or SPARC models, or the Maturity Assessment Model in Canada (MAMIC)

MAMIC: Research Data Management Maturity Assessment Model in Canada

"The RDM Maturity Assessment Model in Canada (MAMIC) is intended to be a **Canadian-specific tool** used for generating discussion amongst the various stakeholders supporting RDM at your institution, and to help everyone better understand the perceptions of various stakeholders of the **current RDM service offerings** at your institution."

MEMAC: Modèle d'évaluation de la maturité de la GDR au Canada

Le modèle d'évaluation de la maturité de la GDR au Canada (MEMAC) se veut un outil propre au Canada utilisé pour susciter la discussion entre les divers intervenants soutenant la GDR dans votre établissement et pour aider tout le monde à mieux comprendre les perceptions des divers intervenants à l'égard de l'offre actuelle de services de GDR dans votre établissement.



MAMIC:
Research Data Management
Maturity Assessment Model in Canada

- Institutional Policies and Processes
- IT Infrastructure
- Support Services
- Financial Support

MEMAC:
Modèle d'évaluation de la
maturité de la GDR au Canada

- Politiques et procédures de l'établissement.
- Infrastructure informatique
- Services de soutien
- Soutien financier



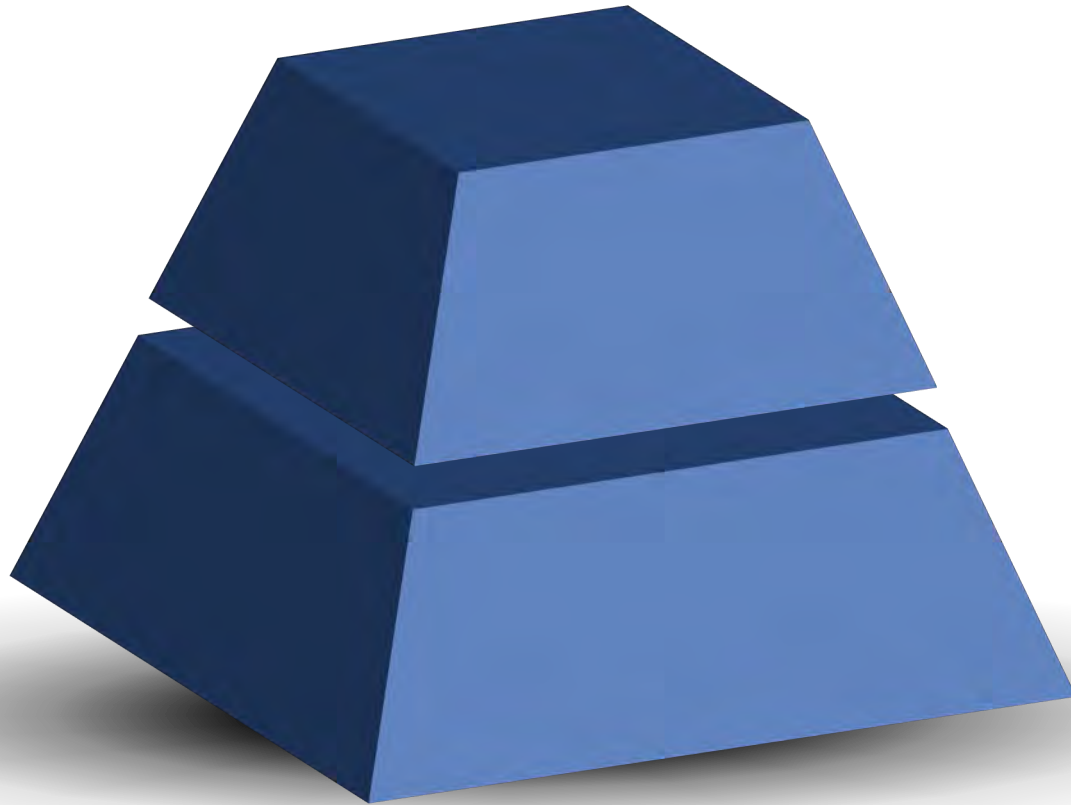
MAMIC: Research Data Management Maturity Assessment Model in Canada

Category: Institutional Policies and Processes				
Element	Definition(s)	Maturity Level	Scale	Your Comments
Institutional RDM Strategy	As defined by the Tri-Agency. This includes any Institutional RDM roadmap detailing how the strategy will be implemented.			
Institutional RDM-related Policies	Includes all relevant policies at the institution that may address RDM or components related to RDM.			
Data Management Planning-related Procedures and Guidelines	Any institutional procedures or guidelines that outline how researchers should address data management plans (e.g., expectations of DMP creation, submission and/or review).			
Security and Risk Assessment Policies and Procedures	Any institutional procedures or policies that address security and risk assessment related to research data (e.g., legal and privacy issues, vulnerability assessments, etc.).			
Communication and Outreach Plan	Any plans for the promotion of RDM. This may include raising awareness of national policies and guidelines that affect RDM (e.g., Tri-Agency policies, funder policies, journal policies), and providing links and resources for best practices and tools.			

MEMAC: Modèle d'évaluation de la maturité de la GDR au Canada

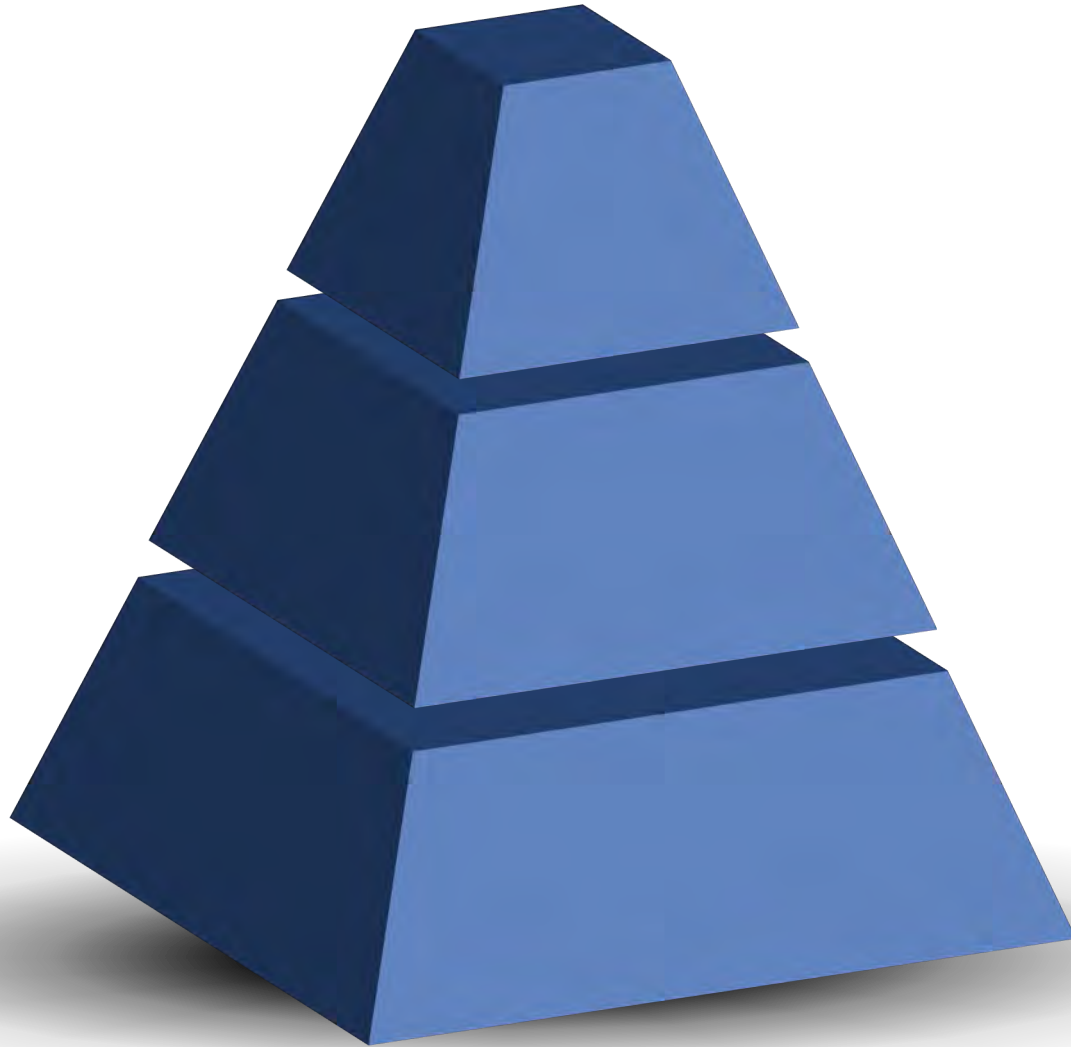
Catégorie : Politiques et procédures de l'établissement				
Élément	Définitions	Niveau de maturité	Échelle	Vos commentaires
Stratégie de GDR de l'établissement	Selon la définition des trois organismes. Il s'agit notamment de toute feuille de route institutionnelle en matière de GDR précisant la manière dont la stratégie sera mise en œuvre.			
Politiques de l'établissement en matière de GDR	Comprend toutes les politiques pertinentes de l'établissement qui peuvent traiter de la GDR ou des éléments liés à la GDR			
Procédures et directives relatives à la planification de la gestion des données	Toutes les procédures ou directives de l'établissement pour les chercheurs sur la manière d'aborder les plans de gestion des données (par exemple, les attentes concernant la création, la soumission et/ou l'examen des plans de gestion des données).			
Politiques et procédures de sécurité et d'évaluation des risques	Toutes les procédures ou politiques de l'établissement qui traitent de la sécurité et de l'évaluation des risques liés aux données de recherche (par exemple, les questions juridiques, les questions de confidentialité, les évaluations de vulnérabilité, etc.)			

Envision The Future State of RDM
Envisager l'état futur du RDM

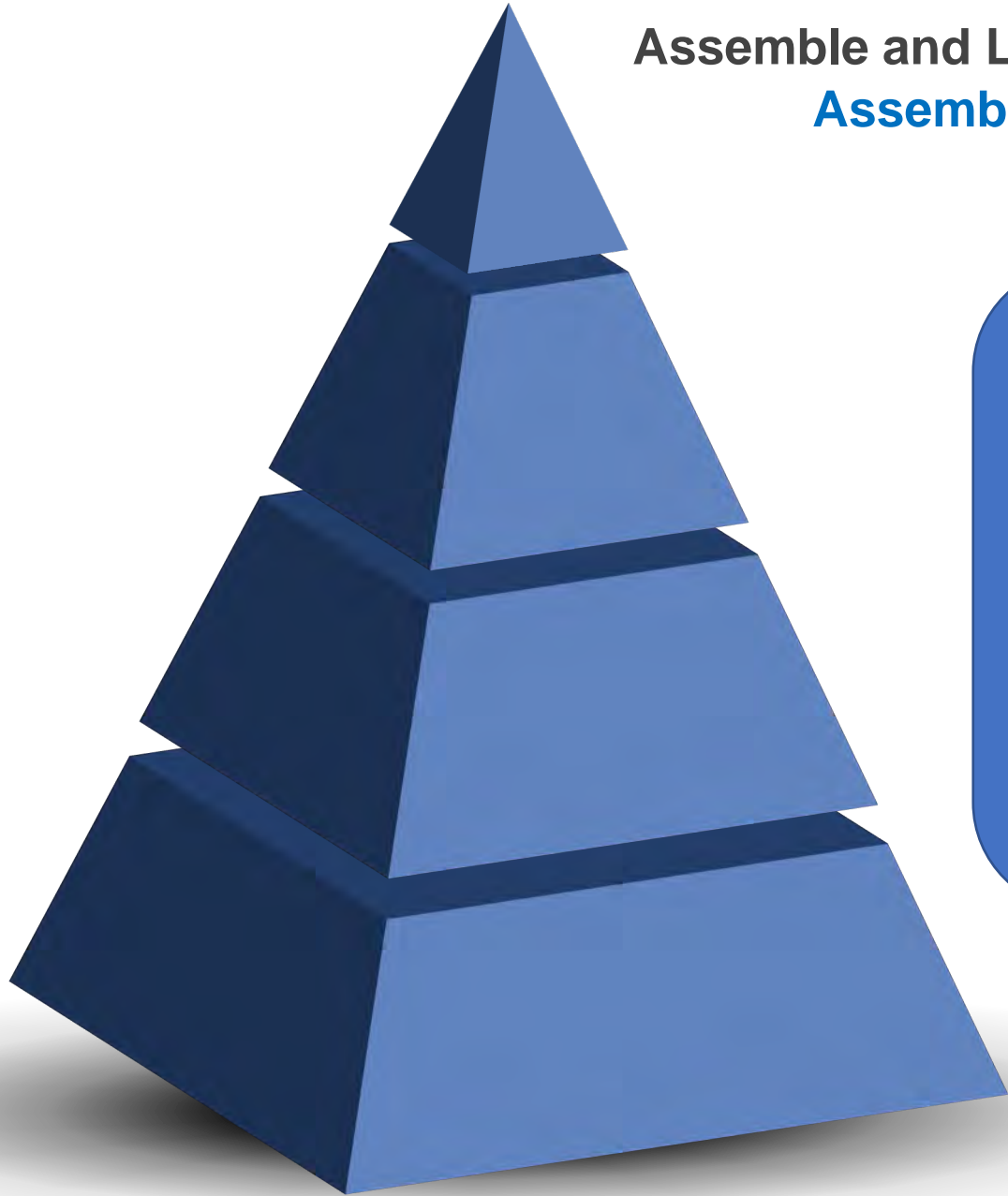


- Articulate an ideal *near-to-medium-term* future state for RDM on your campus
- Identify what you need to achieve this future state:
 - Staffing levels
 - Funding
 - Training
 - Promotion
 - Policy Intersections
 - Storage needs & changing technologies
 - Long-term preservation
 - Stakeholder considerations
 - Ethical considerations

Articulate a Path Forward
Formuler un plan d'action



- Identify gaps between the current state of RDM and the ideal future state.
- Identify steps necessary to make progress toward the ideal future state. Consider such things as:
 - Developing and/or providing access to RDM resources, tools, and platforms
 - Providing staffing, funding, and training
 - Developing, implementing, and aligning both RDM and other institutional policies, procedures, and guidelines
- Identify the timelines, responsibilities, frequency of review



Assemble and Launch Your Strategy Assembler et lancer votre stratégie

- Write your strategy document



Suggested Strategy Headings:

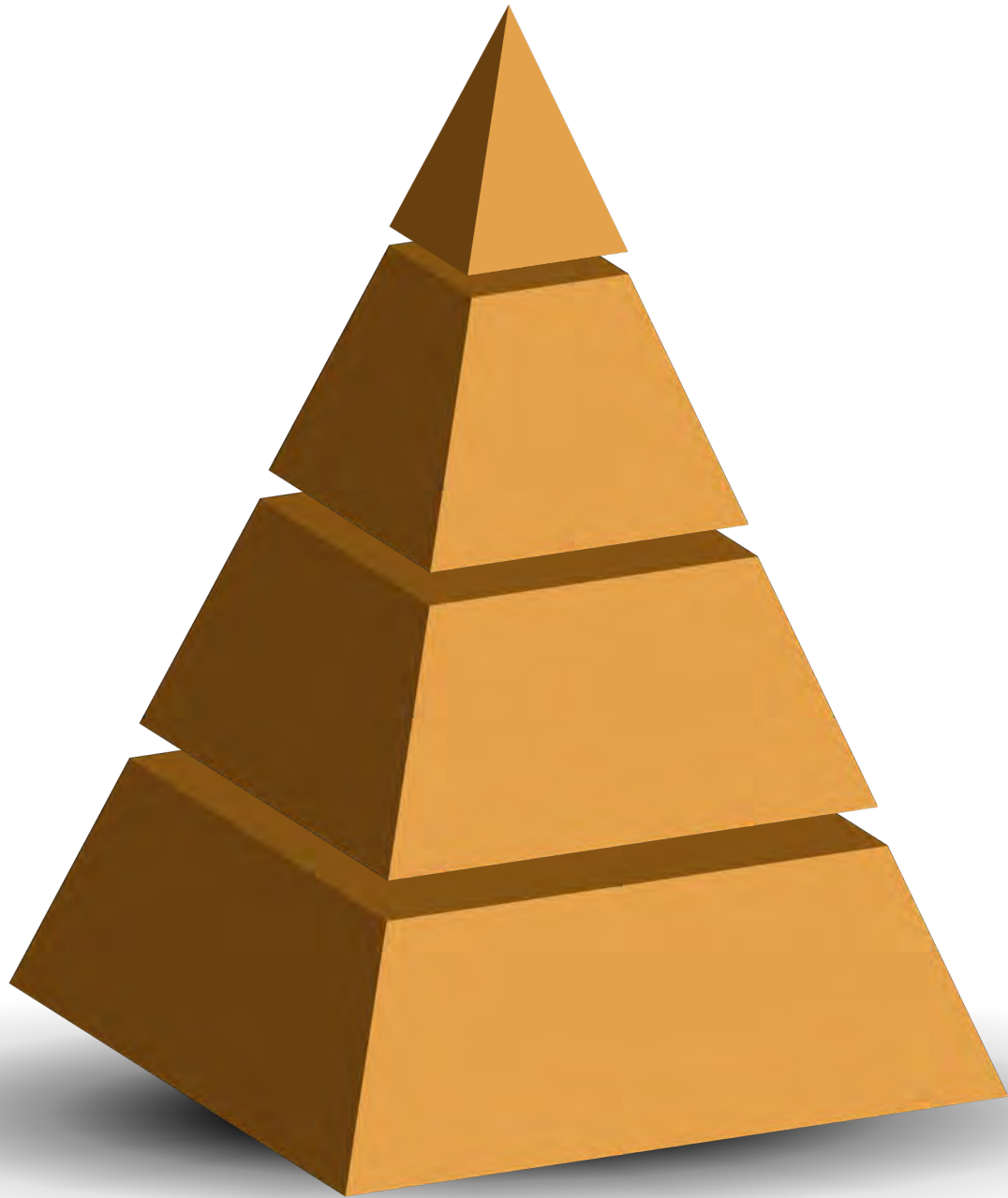
- **Introduction and/or Background**
- **Importance of Research Data and Research Data Management**
- **Scope**
- **Oversight and Review**
- **Institutional Support**
- **Stakeholders**
- **Ethics Considerations**
- **Indigenous Data Considerations**
- **Other Relevant Strategies and Policies**
- **Definitions**
- **Timelines**
- **Looking Ahead**



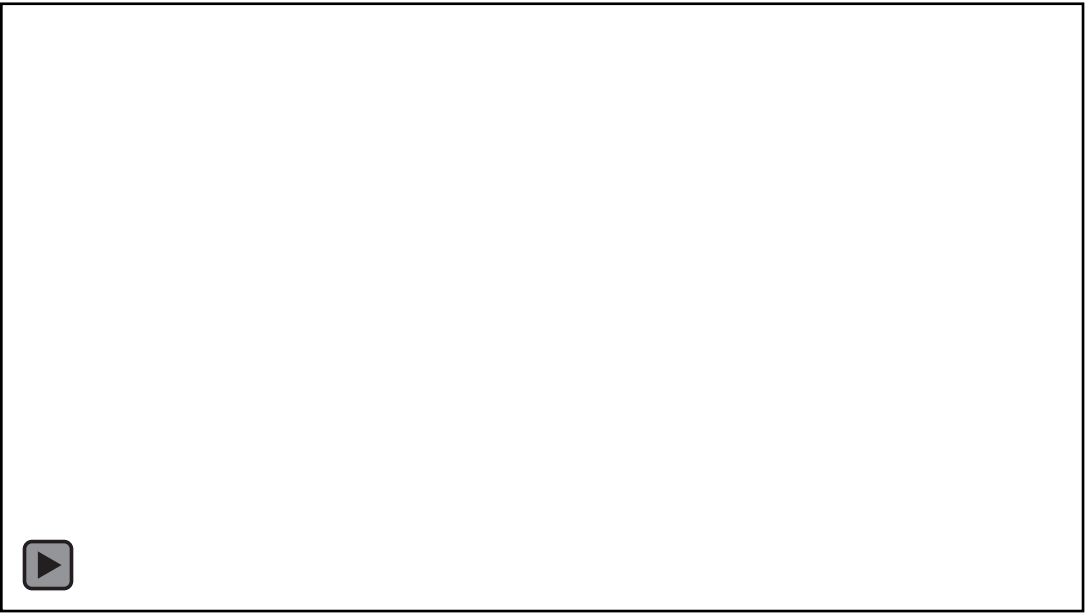


Assemble and Launch Your Strategy **Assembler et lancer votre stratégie**

- Write your strategy document
- **Obtain necessary approvals**
- **Post strategy on website**
- **Develop targeted promotion**



Celebrate Your Achievement!





Thanks!

Any Questions??

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