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| IDRC Data Sharing Workshop |  |
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| Exploring opportunities & challenges of implementing open research strategies within development institutions. Final Workshop1 – 2 December 2016, Ottawa, Canada |

# Introduction to the Data Sharing Pilot

## Introduction

The aim of the IDRC Data Sharing Pilot is to refine guidelines for the implementation of development research funders’ open research data policies and to inform IDRC on the design and implementation of its Data Management and Sharing policy. The Pilot funded as an IDRC grant, will conduct open data case studies with seven (7) IDRC grantees to develop and implement open data management and sharing plans. The case studies will examine the scale of legal, ethical and technical challenges that might limit the sharing of data from IDRC projects including issues of:

* Privacy, personally identifiable information and protection of human subjects
* Protection of intellectual property generated from projects or potential for financial risks for projects or institutions
* Challenges in the local legal environment, including ownership of data
* Ethical issues in releasing or sharing of indigenous and community knowledge, and the relationship between project participants and investigators particularly in the context of historical expropriation of resources
* Local and global issues of capacity and expertise in the management and sharing of data

The Pilot commenced in October 2015 and will finish at the end of 2016. Case studies conducted with the eight pilot projects will run from March to late October. Each pilot project will be assisted in the process of conducting a data audit, a Data Management Plan (DMP) and the implementation of that DMP.

## Pilot Timetable

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| --- | --- |
| October 2015 | Pilot Commenced |
| January 2016 | Pilot Projects Selected |
| March | Kick off workshop, Data Audits |
| April | Data Management Plans completed |
| May | Training for project participants |
| April - October | DMP Implementation |
| October | Final assessment of DMP implementation and Review Workshop |
| January 2017 | Final report and outputs due  |

# Expectations

## What is expected from each project?

Your time and engagement! Including at the workshops.

1. Two documents:
	1. A data audit
	2. A data management plan
2. Engagement and work on implementing your DMP
3. Reporting on the experience of implementing your DMP
4. Contributing to the process of refining IDRC and funder policy and implementation

# Aims of the Workshop

## Aims of the Workshop

1. Encourage a community of practice (grantees and program officers)
2. Design a policy from a grantees perspective
	1. What do they want to be told?
	2. How do they want to be supported?
	3. What do they want to be held to?
3. Minimise further reporting requirements for the projects to contribute to the pilot
4. Share learning amongst the group

# Workshop Program

## Thursday 1st December

|  |  |  |
| --- | --- | --- |
| 09:00 | 09:15 | Arrive and Coffee |
| 09:15 | 09:30 | Welcome from IDRC |
| 09:30 | 10:00 | Introductions and welcome |
| 10:00 | 10:45 | First round of project updates |
| 10:45 | 11:00 | Morning tea |
| 11:00 | 11:30 | Second round of project updates |
| 11:30 | 12:00 | Discussion: Lessons learned, commonalities, differences |
| 12:00 | 12:30 | Exercise breakout: What support do projects need? |
| 12:30 | 13:30 | Lunch (with exercise) |
| 13:30 | 14:00 | Current Findings from the Pilot |
| 14:00 | 14:30 | Exercise breakout: What is the aim of a data sharing program from a grantee perspective? |
| 14:30 | 15:00 | Report back |
| 15:00 | 15:30 | Afternoon tea |
| 15:30 | 16:00 | Program Officers Panel: What do they need from a data sharing program |
| 16:30 | 17:00 | Discussion, lessons learnt, close |
| 18:30 |  | Dinner at A'roma Meze, 239 Nepean Street 613-232-1377 |

## Friday 2nd December

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| 09:00 | 09:30 | Arrive, Coffee: Brief recap of previous day. |
| 09:30 | 10:00 | Breakout: Design of a Data Sharing program (part 1) |
| 10:00 | 10:30 | Report back and discussion |
| 10:30 | 11:00 | Morning tea |
| 11:00 | 12:00 | Breakout: Design of a Data Sharing program (part 2) |
| 12:00 | 13:00 | Report back, present and discussion |
| 13:00 | 14:00 | Lunch |
| 14:00 | 15:30 | Available for consults, suggest grantees meet with POs for review |

# Project Updates

Notes

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| Title | Investigator | Program Officer |
| Crowd Sourcing Data to fight Social Crimes | Reem Wael | Raed Sharif |
| Strengthening the Economic Committee of the National Assembly in Vietnam | Trung Dang Le | Edgard Rodriguez |
| The Impact of Copyright User Rights | Constanza Figueroa | Fernando Perini |
| Establishing a clearinghouse for tobacco economic data in Africa | Lynn Woolfrey | Natacha Lecours |
| Les problèmes négligés des systèmes de santé en Afrique : une incitation aux réformes | Aïssa Diarra | Sue Godt |
| Indigenous Knowledge in Climate Change | Cath Traynor | Raed Sharif |
| Virtual Herbarium as OCS Infrastructure | Dora Canhos | Raed Sharif |

# Exercise 1: What support do projects need?

*What needs were common amongst your group?*

*What needs were specific to one project?*

*Who should provide them?*

*When do you know what you need? How does it change?*

*How can this be built in at the proposal stage?*

# Exercise 2: Lunch exercise

Exercise over lunch

* What data have you shared
* Where is it?
* If not why not?

# Exercise 3: Aim of a Data Sharing Program

What is the aim of a data sharing program from a grantee perspective?

*As a grantee what do you want a data sharing policy to do?*

Facilitator notes and prompts:

* Provide encouragement?
* Ensure support?
* Force you to do the things you know you should?

Suggest but don’t drive discussion, the point here is to have grantees consider what they want a policy to do as grantees. This will likely be a radical concept for many of them so support them to reflect on what they need or want? Also note this question is about policy not yet the overall program.

*Given what you want the policy to do, how does the overall program need to support that? What do you need/want from your funder alongside the policy discussed above?*

## Exercise 4: The Program Officer Perspective

 What is the aim of a data sharing program from the PO perspective?

*As a PO what do you want a data sharing policy to do?*

Facilitator notes and prompts:

There will probably be more clarity and previous thinking here as you will likely be dealing with people who have thought about implementation. Again focus on the policy, what can/should it achieve?

*Given what you want the policy to do, how does the overall program need to support that? What do you need/want internally to deliver on strategic goals?*

*What support do you need/want to give alongside the policy discussed above? What do you need to be able to deliver this?*

# Dinner

Dinner at A’roma Meze,

239 Nepean Street, Ottawa, K2P 0B7

Booked for 1830

We will be selecting off a menu. We will need to each pay out of our per diem (where appropriate) for the food. Drinks will need to be covered by yourself.

# Exercise 5: Design of a Data Sharing Program (1)

*Considering the discussion yesterday, what are the aspirations that an IDRC data sharing policy should articulate?*

*Who should those aspirations be expressed to?*

*Looking at the issues that a data sharing policy should address, which are most important in your view?*

*What should the settings be? Who is responsible for them?*

The CODATA Paper on *Current Best Practices for Research Data Management Policies* (Molloy and Hodson, 2015) details the core issues and principles an RDM policy should address. It divides these into general principles and key policy elements.

**General Principles to be addressed**

1. An account of the general drivers and principles
2. A discussion of the requirements for effective data sharing
3. A statement of the necessary limits of openness

**Key Policy Elements to be addressed**

1. A definition of research data
2. An overview of the data within the scope of the policy: which generally includes two definitions:
	1. The data that directly underpin or substantiate published research findings (i.e. those that are  required for validation).  Such data should be made available concurrently with the research  publication.
	2. The data assets that are created by the research project, but which may not directly underpin the published research findings.
3. An indication of general criteria for the selection of research data
4. A summary of responsibilities
5. An indication of the availability of infrastructure and responsibility for costs
6. An overview of data management planning requirements
7. Recommendations on enabling discovery and reuse
8. Stipulations to encourage recognition and reward for data providers
9. A summary of reporting requirements, compliance monitoring and any possible sanctions

# Exercise 5: Design of a Data Sharing Program (2)

*What should the short and medium term goals of an IDRC Data Program be?*

*What support needs to be provided to achieve these goals?*

*For grantees?*

*For POs?*

*Does this change the priorities/conclusions that you reached in the previous session?*

*How can the IDRC community as a whole work together to achieve both goals and aspirations you have articulated?*

# Colophon

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