

Research Data Management Planning at the HSRC

An organisational perspective

Presentation overview

- Introduction
 - Why data management planning?
 - Determining factors
 - Discipline
 - Nature of research data
 - External requirements
 - Organisational context
- How is data management (data preservation and sharing) planning done at the HSRC?
 - Processes
 - Tools
- Reflection

Introduction

- Why data management planning?
 - Good, wholesome, etc.
 - An agent for change
- Determining factors
 - Discipline
 - Research design
 - Nature of research data



Determining factors cont..

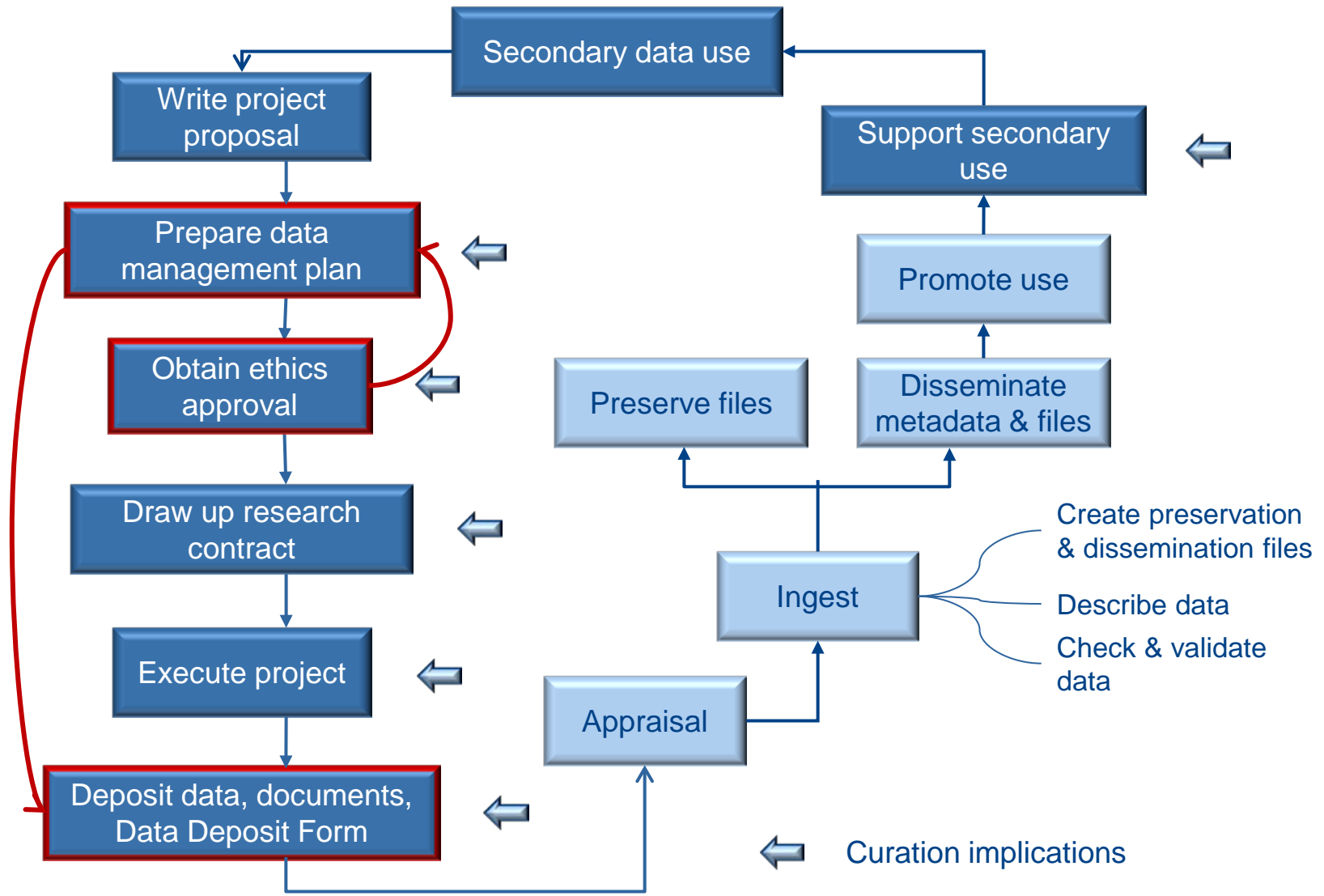
- External requirements
 - Funders, scientific community
 - Legislation
 - The HSRC Act (Act 17 of 2008)
 - Managing electronic records in governmental bodies: policy, principles and requirements - National Archives and Records Service of South Africa, DAC 2007
 - Electronic Communications and Transactions Act, 2002 (Act No. 25 of 2002)
 - Protection of Personal Information Bill, 2009

Determining factors cont..

- Organisational context
 - Commitment
 - Policies and governing principles
 - Responsible Conduct of Research (Ethics, etc.)
 - Project Management Framework
 - Data Preservation Policy
 - Data Sharing Policy
 - HR Employment Termination Policy
 - Data management practices (😊 / 😞)

DMP implementation at the HSRC

- Processes



DMP implementation at the HSRC

- Tools (template: MS Word → On-line)

The image shows a screenshot of a form titled "Data Preservation and Sharing Plan" from the HSRC Research Data Management Centre. The form includes instructions for providing information about data preservation and sharing, a note about footnotes, and a table with three main sections: 1. Study/collection title, 2. Person responsible for the data, and 3. Preservation of data. Section 3.1 asks for a description of data types, with a table for selecting types like Quantitative tabular data and GIS and CAD data, and a space for describing contents and file formats.

HSRC
Human Sciences Research Council

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Lekgotla la Dinyakiso tša Sema hla le tša Setho
Raa d vir Geesteswetenskaplike Navorsing
Umkhando Wezokucwaninga Ngesayeni Yesintu
Ibhunga Lophando Ngenzulu-Lwazi Kantu

Research Data Management Centre

Data Preservation and Sharing Plan

Please supply the following information about how the preservation and sharing of the research data related to the project will be done. Provide the completed form as part of the submission of the ethic application to the HSRC Research Ethics Committee.

Note: For clarity about the required information, please refer to the footnotes provided.

1 → Study/collection title			
2 → Person who will be responsible for the data			
3 → Preservation of data			
3.1 → What will be deposited for preservation?			
Select one or more of the data types indicated below.	Give a short description of the contents of the data files.	Indicate the electronic file format, e.g. .sav	
Quantitative tabular data			
GIS and CAD data			

DMP implementation at the HSRC cont ..

- Elements in Data Preservation and Sharing plan
 - Identification of study
 - Identification of data custodian
 - Identification of data sets (What, structure, formats)
 - Preservation
 - » Preservation requirements (How, HSRC / external)
 - » Details about data management during the research process
 - Data sharing and re-use
 - » Re-use value
 - » Intellectual Property Rights
 - » Requirements for sharing
 - » Confidentiality
 - » Target audiences for dissemination
 - » How to be shared and when
 - Budget

- New / existing data
- Physical objects (paper)
- Data capturing, processing and analysis
- Security, access

Reflection

- Part of ethics process
 - Status as an official, mandatory process
- Knowledge of researchers
 - Examples, training
- Resistance of researchers
- Plan vs implementation
- Review is time consuming

BUT

Essential

