

# **Research Data Management: Unisa experience LIASA: 03/10/2012**

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# Introduction/Background

- Research Data Management (RDM) project commenced in 2010.
- Legal requirement by Government
- Research and Innovation portfolio
- Why the Library?

# Library role

- Metadata integrity
- Data specialist support
  - Cataloguers
    - Metadata
    - Indexing
  - Research Information support – PL's
  - Research ICT
  - Collection Development support

# Benefits

- Access to data for more than one person
- Encourages collaborations
- Validation of research data
- Increase Unisa researchers' visibility
- Supports creativity and innovation
- Citability of research data

# Benefits continued

- High visibility of data
- Easy re-use and verification of data sets
- Scientific reputation for collection and documentation of data
- Encouraging the National Archives Act



# SLC & SRC Support

- Support investigation to establish data management and preservation
- College Representatives- to identify researchers

# Stakeholders

- Colleges
- Research Department
- Unisa ICT- to provide infrastructure
- Senate Research Committee
- Senate Library Committee
- Ethics Committee

# Survey

- Conducted a survey March – July 2011
- Supported by the Library Senate Committee
- Ethics policy reviewed to incorporate RDM



# Survey...

- Data Management survey at Unisa:  
March-July 2011
- <https://www.surveymonkey.com/s/BGX9L2N>

# Pain that comes with a package

- Lack of time and resources
- Lack of experience
- Legal and ethical constraints
- Lack of appropriate archive service
- Fear of exploitation on inappropriate use of data

# RDM proposal

- Unisa departments involved
- National initiatives
- Short term management of data
- Description of data to be archived
- Acquiring of data

# Proposal continued

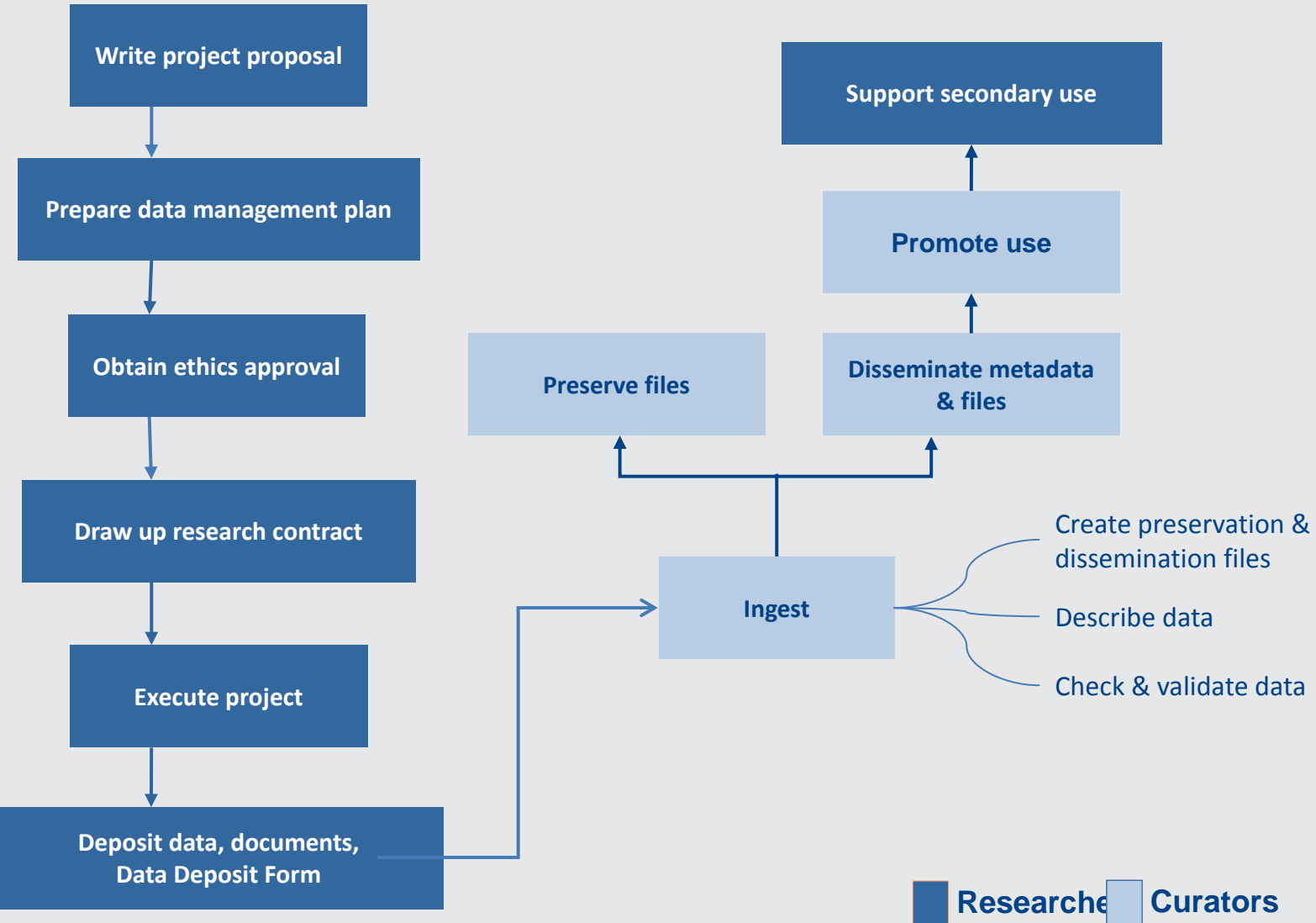
- Processing of data and system description
- Metadata content and format
- Quality assurance and quality control
- Training and support
- Budget/Funding

# Current status quo

- Business requirements submitted to ICT
- Project fully supported by ICT
- Invitations for participation sent to Heads of Departments to identify Researchers
- Raw data requested from Researchers



# Data management process flow





# Conclusion

The end, for now