RDM at Lancaster University

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About Lancaster University

- Approx. 13,000 students
- Many international teaching partnerships and Ghana campus
- 1161 FTE Academic staff members
- 1415 FTE other staff members

- ROADMaP (Research, Open Access, Data Management and Pure) steering group
“Management of data is an essential part of good research practice and all researchers in the University have an obligation to record, store and archive their data appropriately”

Lancaster University Research Data Policy
SEC/2013/2/0776
LU’s RDM infrastructure

Internal project

External project

DMP, Ethics and Costing

Publications

Datasets

Cloud Store

Local Store (slowest tier)

Mint

DataCite

ID

Pure

Agresso

Box

PureOnline

DMP

Microsoft Excel

Microsoft Word
LU provision for RDM

- Data Management Plans (DMPOnline – in production)
- Data registry mechanism (Pure – in production)
- Data deposit mechanism (Pure – in production)
- Data catalogue (Pure Advanced Portal – in production)
- DOI provision (Mint – in production)
- Data preservation (Archivematica – in progress)
- Data store (Box – in production, Hitachi – in production)
- 300TB usable replicated across our two data centres
- RDM reporting (DMAOnline – in progress)
- Data costing (Agresso – in progress)
LU experience

• New opportunities
  • Hitachi Data Systems – HCP and COMET
  • Box subscription – 1TB per person by default
  • Contribution to the N8 reference architecture diagrams including users, roles, processes, services and systems
  • Archivematica and Digital Archivist

• Issues
  • Variety of systems and interoperability issues
  • Vendor dependence and response quality/rates
  • Justification of resources/systems along the full RDM life-cycle
Average position

6-8 systems/software used
2-5 departments involved
Conclusions

• A shared RDM infrastructure just makes sense
• Economies of scale
• A complete solution out of the box is super attractive
• Think about the issues of security, researcher satisfaction, compliance, monitoring and reporting
• Institutions should be focusing on advocacy and training, not on systems, suppliers and vendors

• Thanks for listening and happy to take questions