

Current Practices in Research Data Management and Sharing

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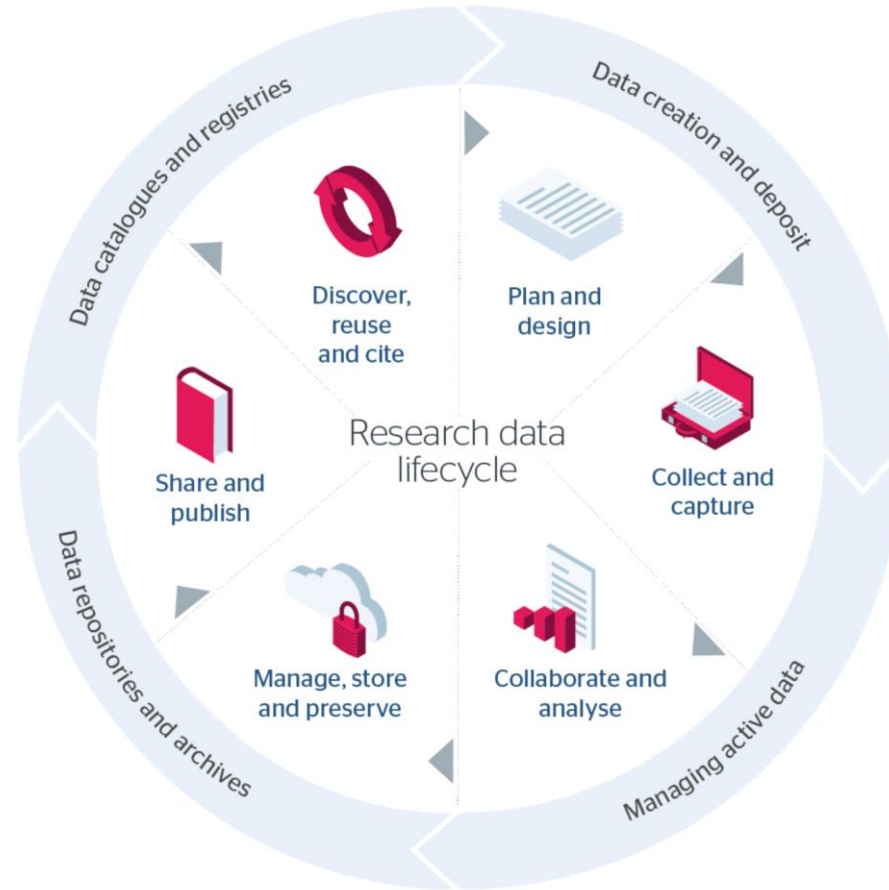
About Me

- Systems engineer
- Capital plant industry
- Multi-institutional, interdisciplinary research centre
- Research management in three universities
- National working groups
- Professional bodies
- Independent consultant

About the Study

- A series of informal, semi-structured interviews with a wide range of institutions
- Exploring:
 - Appetite and status
 - Practical issues
 - Financial and commercial considerations
- 34 institutions interviewed so far

Research Data Lifecycle



Findings (1)

- Drivers: EPSRC policy; compliance or good practice; subject practices
- Leadership: fragile and variable; affected by changes in people
- Academic Engagement: variable; “conceptual interest, but not yet practical engagement”; REF OA dominant
- Evidencing Benefits: need for good cases; sharing with future self

Findings (2)

- Repositories: data and outputs separate; range of satisfaction; Plan S
- RDM Service(s): Library led; IT service weakness; human services
- Digital Preservation: relatively nascent; skills development
- Functionality: integration; DOI minting; automation; cost savings
- Whole Lifecycle: a few considering all elements

Conclusions

- Conflation of good data management and Open Data
- Policy + Repository \neq RDM or Open Data
- Most are working towards compliance rather than enabling research
- Academic behavioural motivations are not in place
- Relatively small, isolated capacity to support active RDM and data sharing
- Currently scratching the surface of the full spectrum of functionality and hence benefits across the data lifecycle

Thank You

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