



Open Science Fair 2021

A Roadmap to collaboratively address RDM challenges

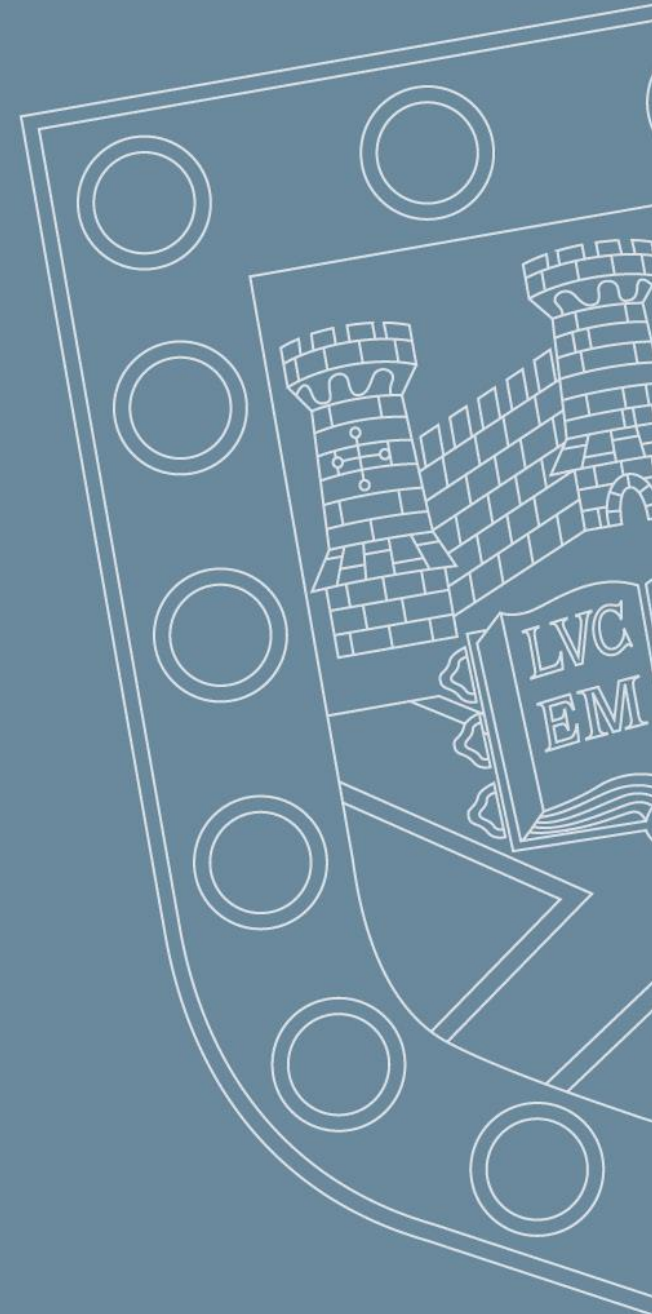
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Agenda



What?



Who?



Why?



How?



Deliverables



Final
Considerations



What & Who?

- Developed a Roadmap to strategically define Research Data Management aims and outcomes in the research community, as well as major steps to achieve it
- Set up a task and finish group
 - Library led the creation of the group;
 - Chaired by an academic and Plan S Ambassador, Professor Sabina Leonelli
 - Comprised of different elements of professional services involved in supporting research data: Open Research team (Library), Digital Humanities, Ethics, Information & Governance, Research IT, Legal Services, Clinical Trials and Doctoral College



Why?

External drivers:

- RDM and open data represents one of the main challenges as it requires compliance with ethical codes, responsible research, data protection laws, journal requirements, and funder/institutional policies.
- Emphasis on managing and sharing data produced in research as it leads to productivity, quality, and visibility.

Internal drivers:

- Importance of open data concerning infrastructure, services, training, and advice;
- Dispersed support, infrastructure, projects or tools related to RDM across the university.
- Need for a RDM roadmap to improve RDM support



How?



Description of RDM support



Research lifecycle workflow for funded projects



Responsibility Assignment Matrix framework for funded projects



Research staff support in the research lifecycle for funded projects



Researcher' survey to identify suggestions and challenges



What researchers told us?

Main suggestions for improvement:

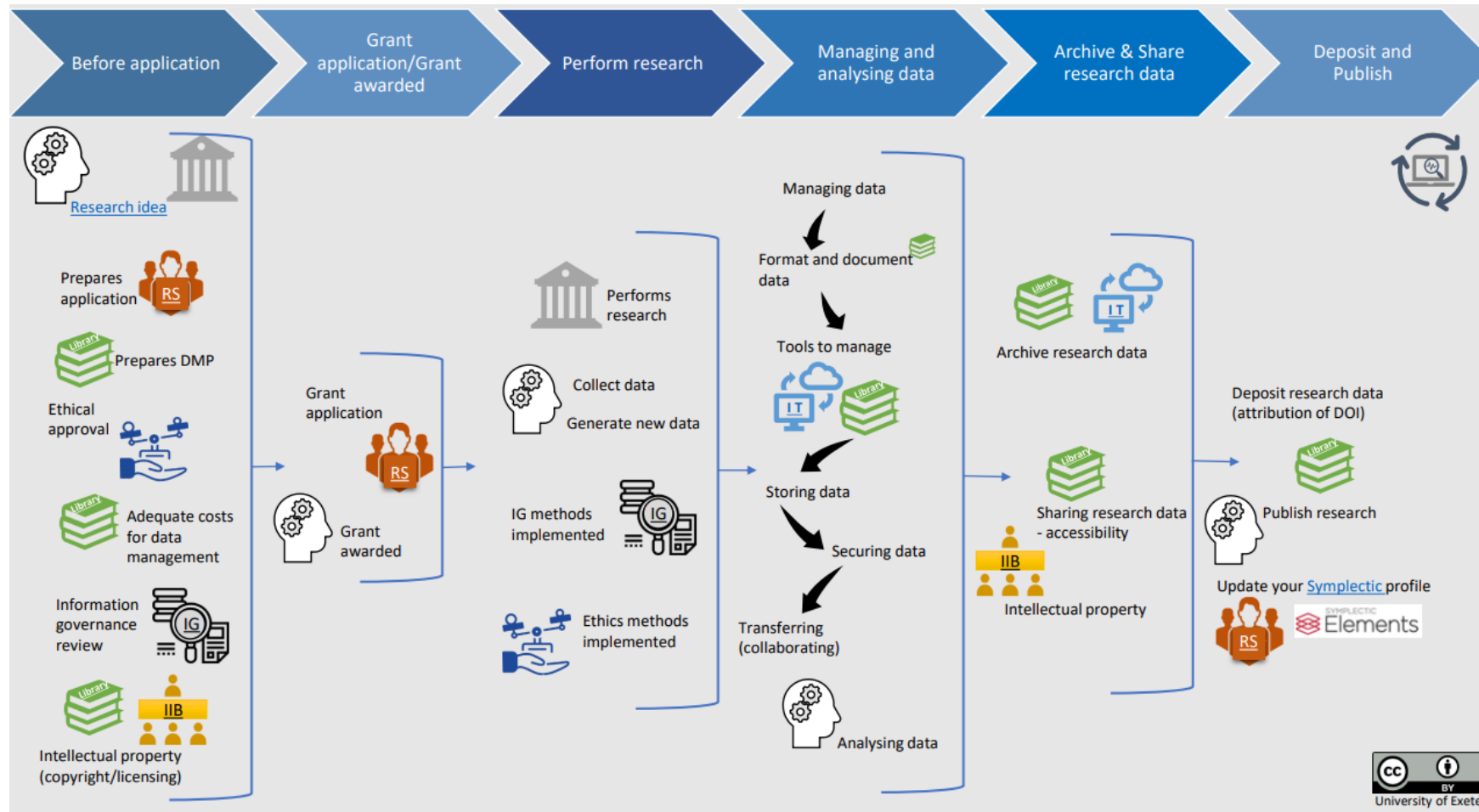
1. **Training;**
2. **Guidance clear and simple;**
3. Server space and backups
4. Sharing and collaborative systems;

Main challenges:

- Storage, archive, security;
- GDPR, personal and sensitive data, Ethics;
- Hardware, systems and databases;
- Data sharing, collaborating, transferring;
- Open data;



Deliverables: RDM Infographic



<https://www.exeter.ac.uk/research/researchdatamanagement/support/rdmlifecycleinfographic/>



Deliverables: Roadmap – Strategic Areas & Activities



- Policies & Leadership
- Relation to research assessment procedures
- Advocacy & Support
- Intellectual Property
- Ethics & Accountability
- Infrastructure & Tools
- Curation & Preservation



Final considerations

Implementing the roadmap is important to ensure:

- Compliance with funding requirements;
- Facilitate and support research quality and collaboration;
- Digital transformation;
- Participating in the international movement towards recognising data work as part of academic work;
- Improve support around IP issues and open data;

Lessons learned:

- Research support is widely spread across universities and not fully clear for researchers;
- Collaboration between research support staff is necessary;
- Researchers' needs are mostly about training and guidance;
- Infrastructure, sharing and open data are the main challenges;



Thank you!

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