

RDM@UQ

Uptake and future projections

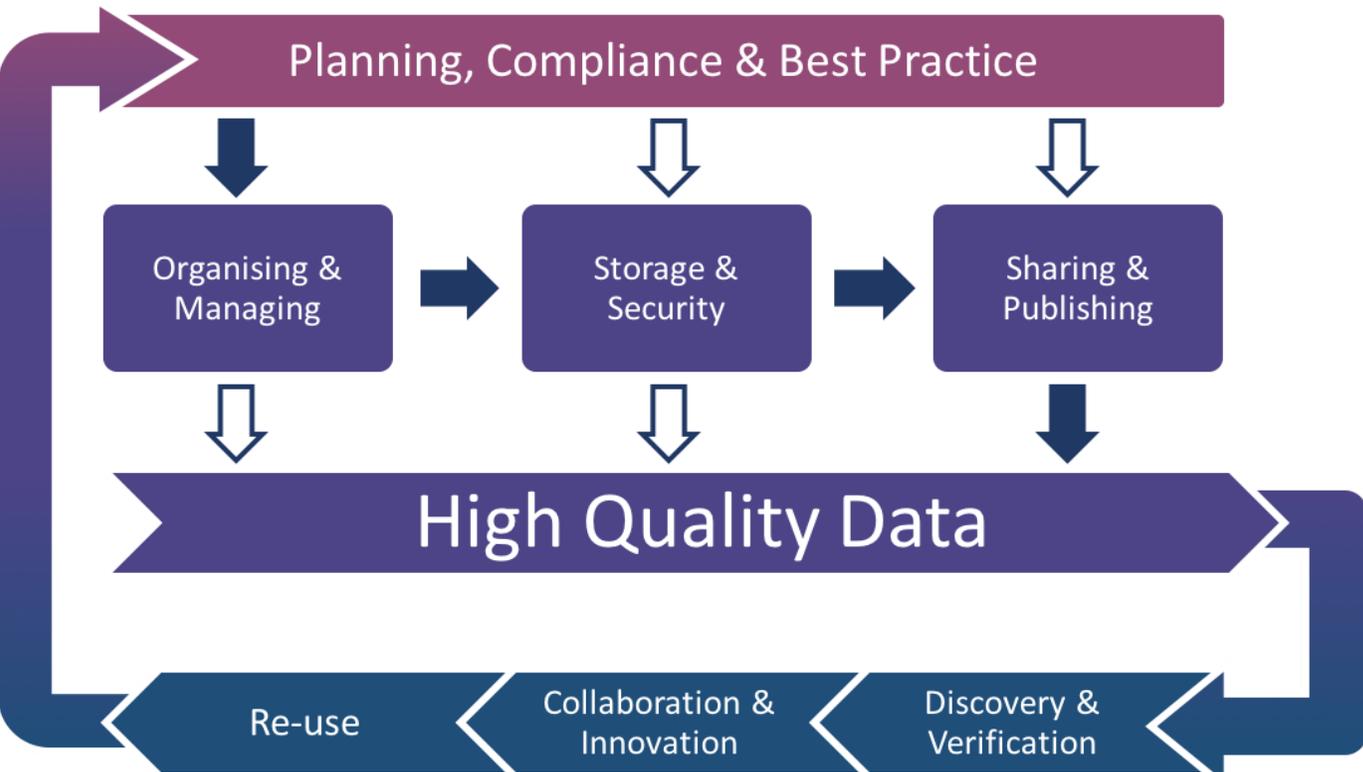


The transition to business as usual

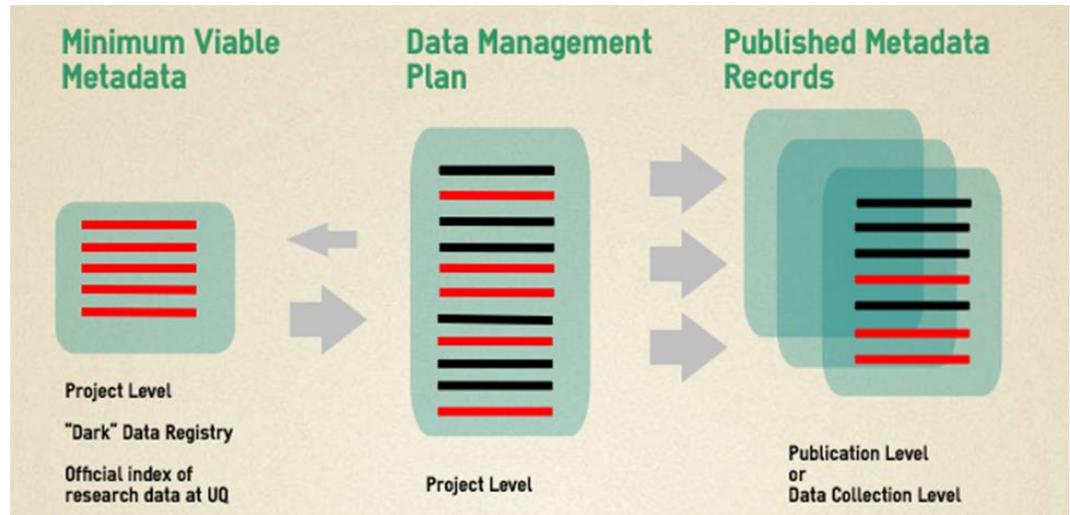
- UQ is transitioning from multiple project-based changes in this space, to an enterprise-wide, business as usual solution for best-practice management of research data.
- The sponsorship of key UQ leaders is ensuring the RDM infrastructure, support and services are coordinated across a number of organisational units.
- Outcomes from recently completed projects include a research data management curation tool, an electronic lab notebook, clarity around data governance “roles and responsibilities”, and platforms for publication and linking of datasets to research outputs.

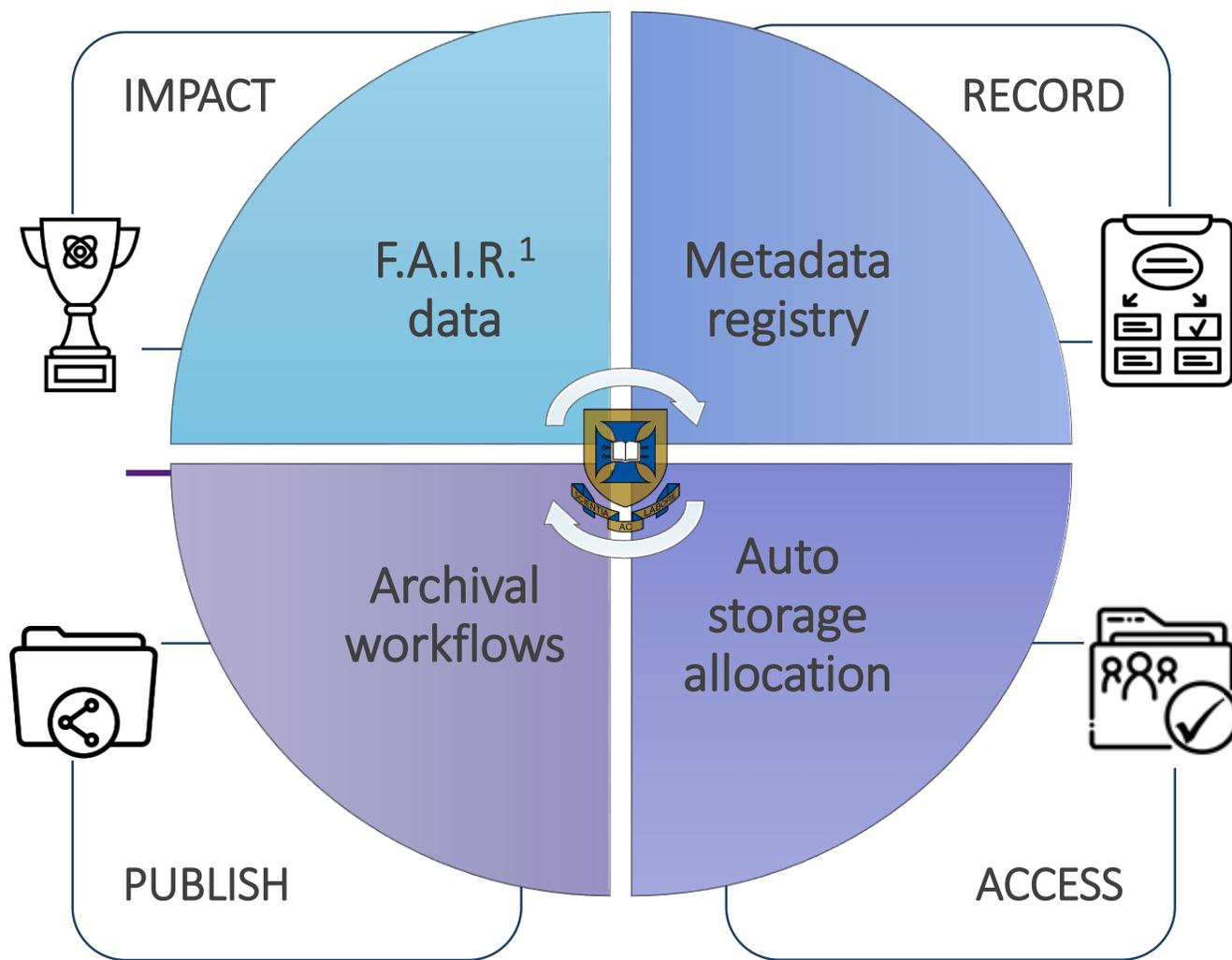
While research data management systems, processes and governance models have been successfully delivered, real improvements in actual management of research data can only be realised with a coordinated, researcher-centric approach





The University of Queensland Library 

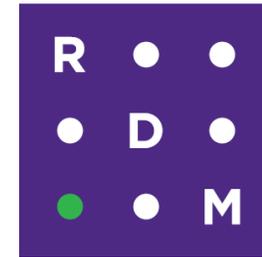




The RDM system allows researchers to expand the metadata record as required, and to create and export DMPs as a derivative of the active record

¹<https://www.force11.org/group/fairgroup/fairprinciples>

Uptake since 2017



Research
Data
Manager

Current state:

Research activity records: 9,162

Active users (on at least one record): 10,495

Total storage: 6,427TB

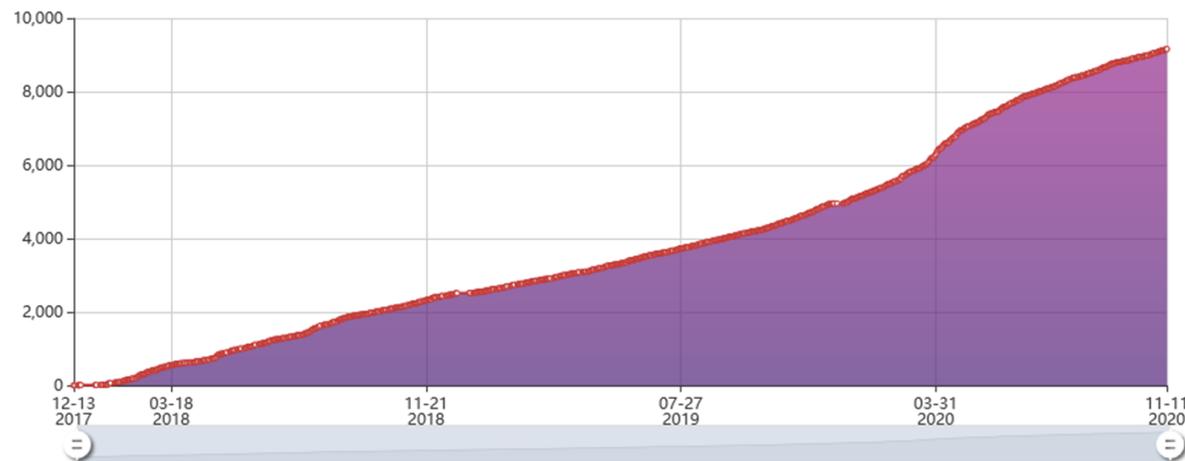
Total files: 248,628,463

Over 1,000 external (non-UQ) collaborators, from over 100 institutions around the world

One of the driving factors for this uptake is the ability for researchers to easily collaborate with colleagues both within and outside of UQ. Researchers have added just under 1,000 external collaborators from over 100 national and international organisations. Through RDM they collaborate with 41 other educational institutes within Australia, including all Group of Eight (GO8) universities. The high level of collaboration can also be seen by the fact that over 80% of all RDM project records have multiple collaborators.

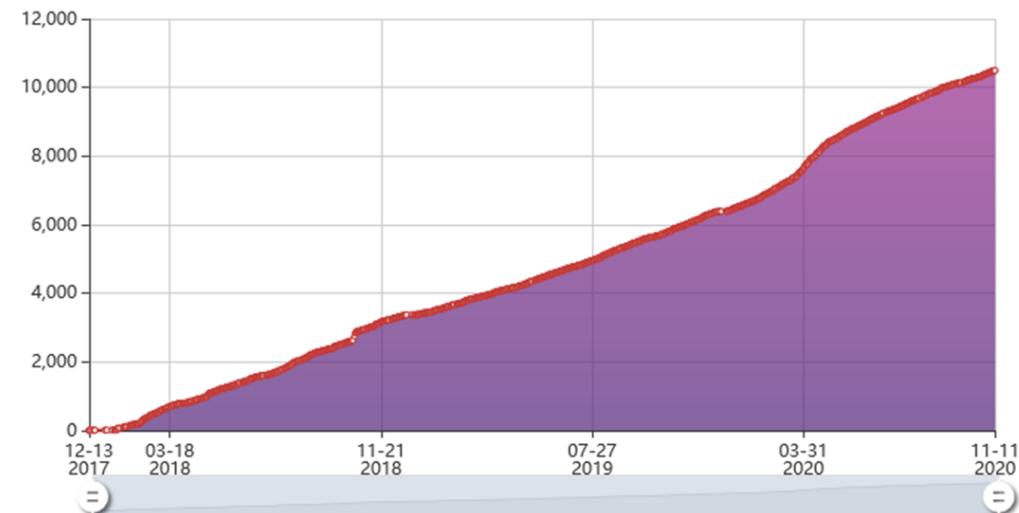


Total number of records

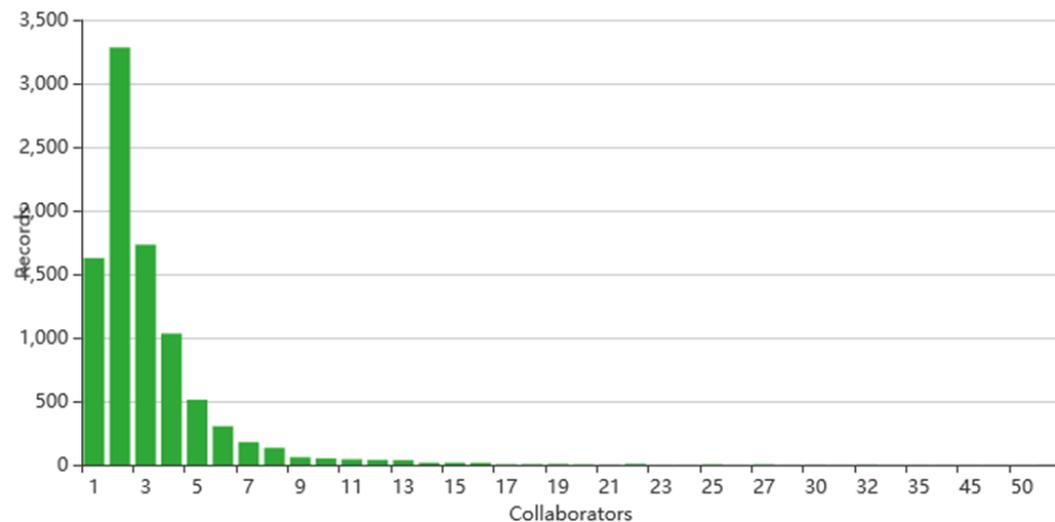


Total active, unique, collaborators

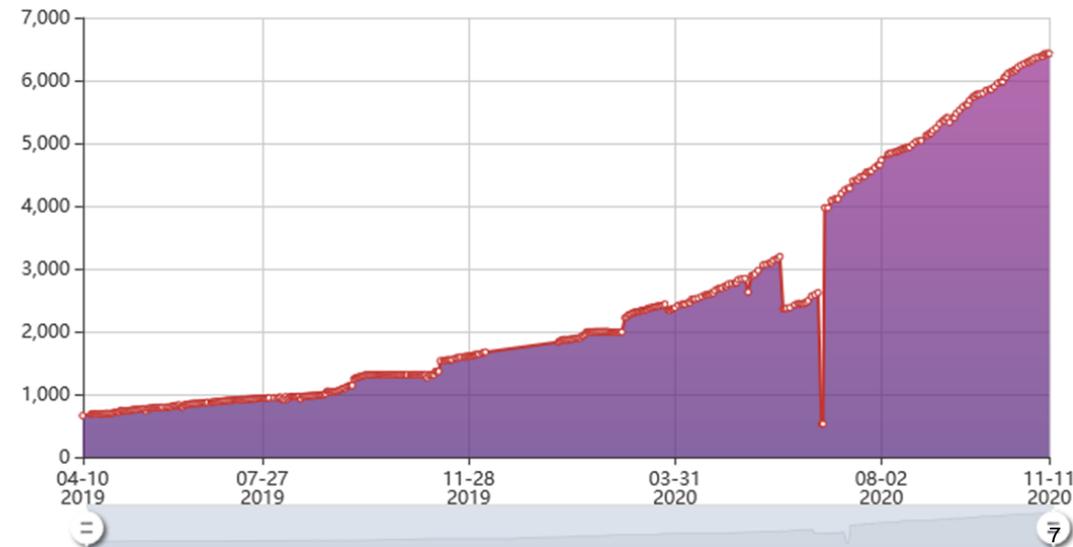
Users who are on at least one active UQRDM record



Amount of collaborators on a record



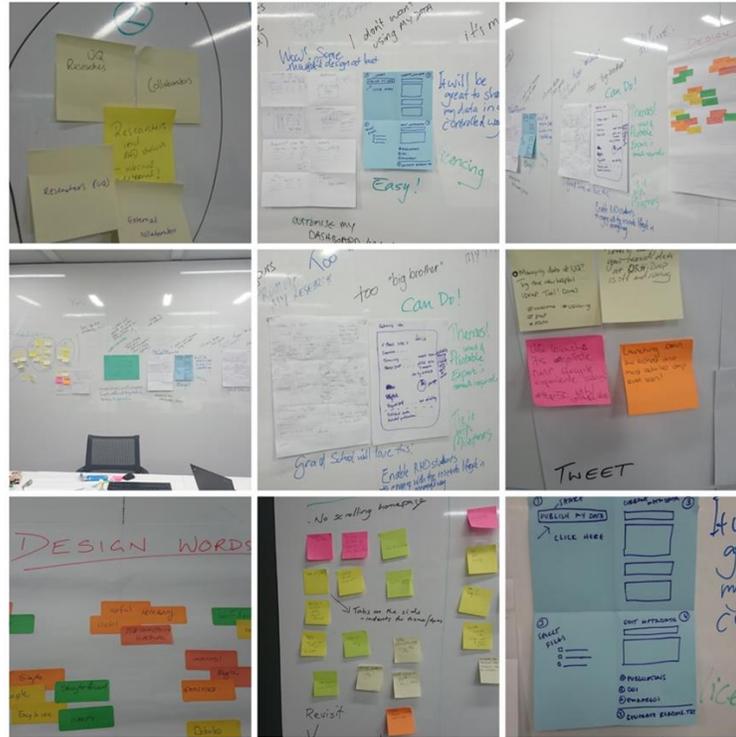
Total storage in TB



Future projections



Stargazing
By Gan Khoon Lay



Data curation by project (*~research activity*)

Long term sustainability:

Designing the system records to be “project based” begins to solve multiple problems from the institutional perspective, and enables better governance and curation of the research data throughout the entire data lifecycle

- From an institutional perspective of curating research data long term, people are ephemeral
- In the current system, project-level metadata that are required for longer term decision making is captured or linked early
- Persistent digital identifiers for “everything”

Need to constantly review and ensure we are navigating as much of the complexity as possible, without oversimplifying to the point where excessive resource is required

Allow the system to evolve

"Data matures like wine, applications like fish." James Governor



20 years from now

“As for the future, your task is not to foresee it, but to enable it.”

Antoine de Saint-Exupery





Thank you!

Helen Morgan

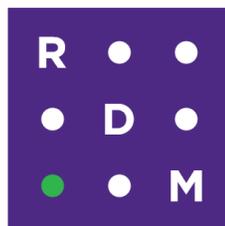
Deputy Director, Research Strategy, Planning & Performance

Office of the Deputy Vice-Chancellor (Research)

The University of Queensland

Brisbane Qld 4072 Australia

E helen.morgan@research.uq.edu.au W research.uq.edu.au



Research
Data
Manager

