



THE UNIVERSITY OF
**WESTERN
AUSTRALIA**

RISEing tides: Strategic directions for RDM @ UWA

CAUL Research Repository Days
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Abby Asomani
Information Specialist
Research Publication & Data Services
abby.asomani@uwa.edu.au



RISEing tides

RDM strategy flow on benefits for
research integrity, FAIR principles,
collaboration, etc.

Research Infrastructure Self
Evaluation (**RISE**) framework

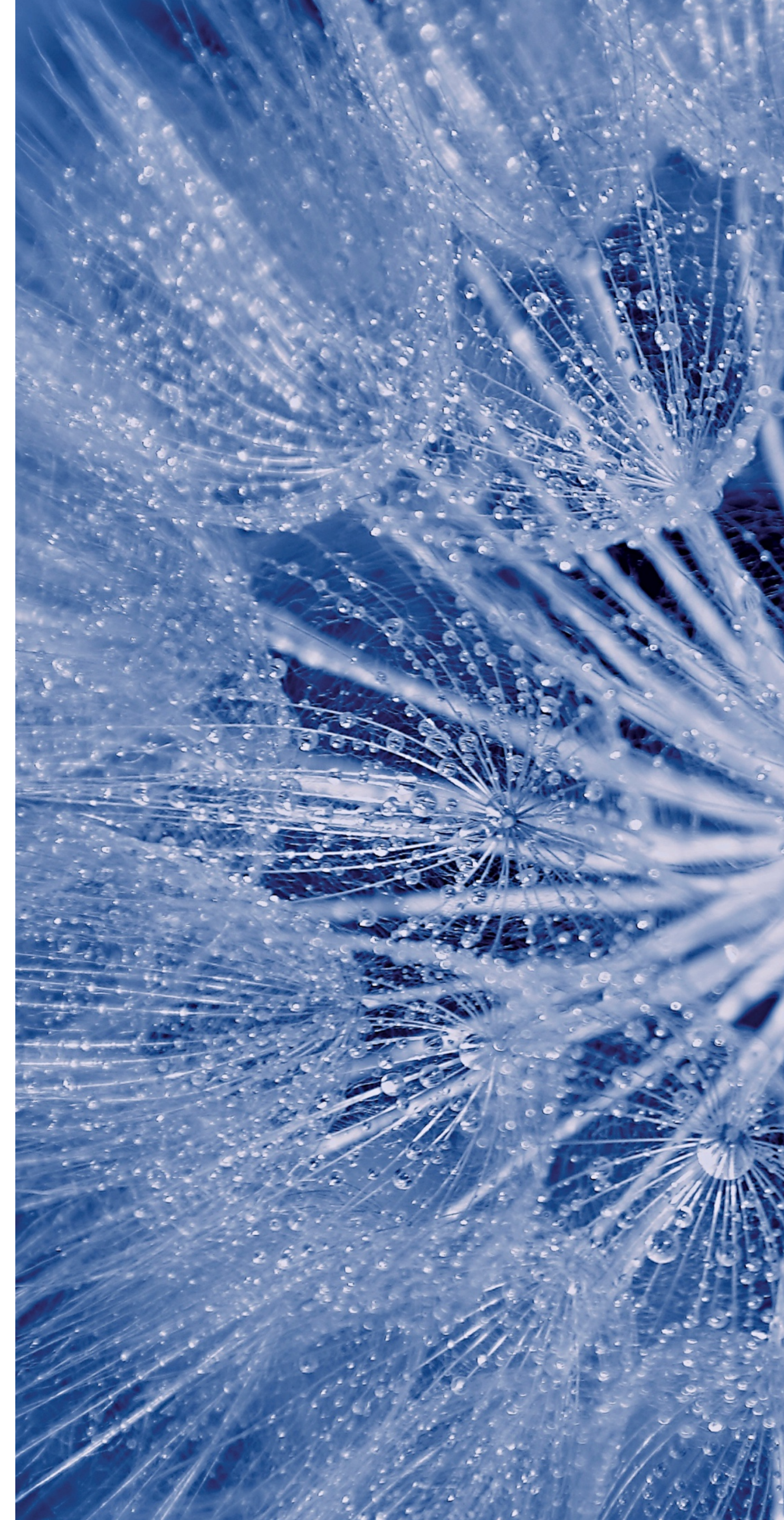


Overview

RISE as a process for evaluating and planning

RDM

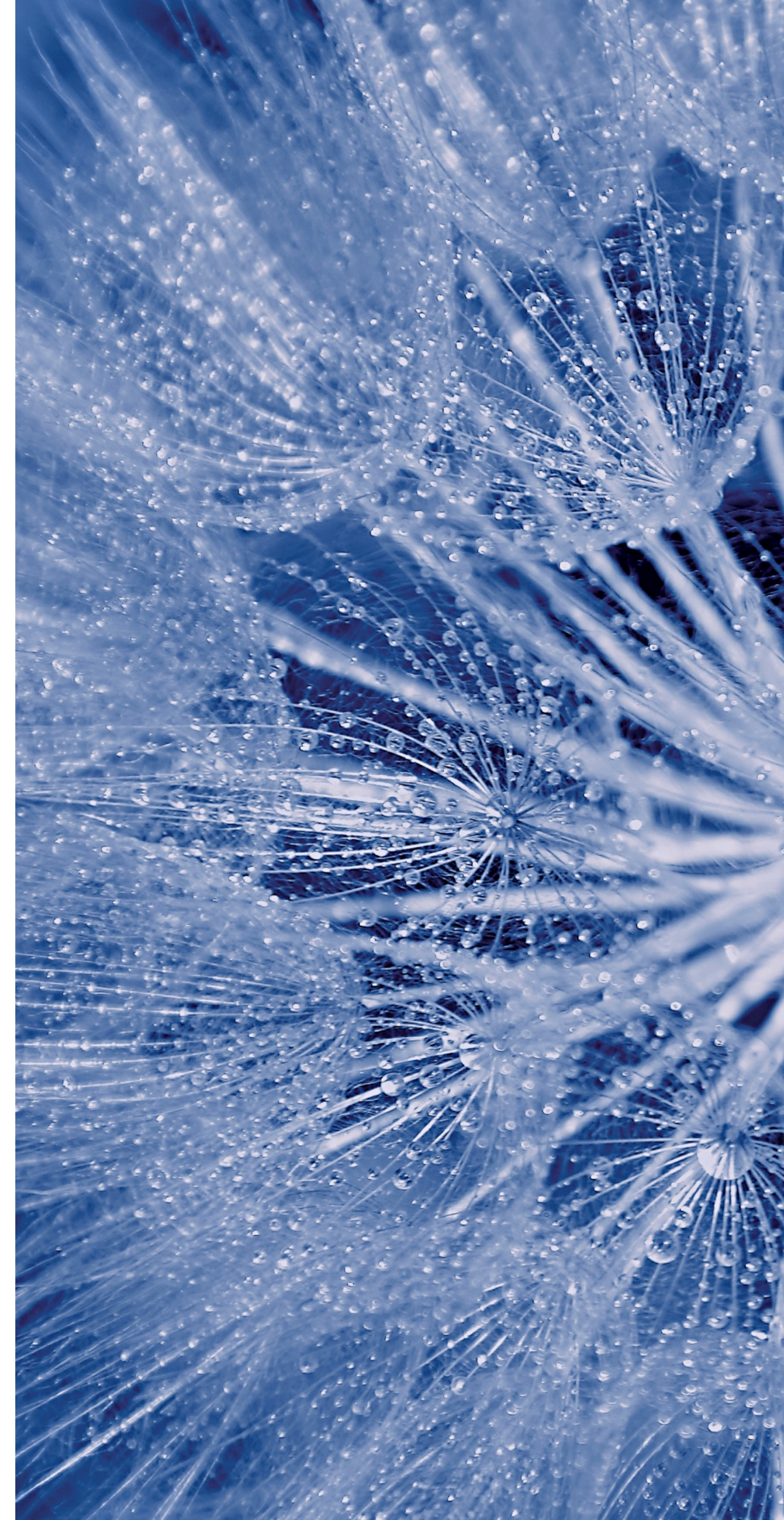
1. Research Data Strategy Project background
2. RISE framework overview
3. Using RISE at UWA
4. Lessons and value of RISE



UWA Vision 2030

- Open and accessible research
- Research excellence through collaboration
- Data-intensive discovery
- Indigenous knowledge and research focus
- Innovative, well-resourced research infrastructure

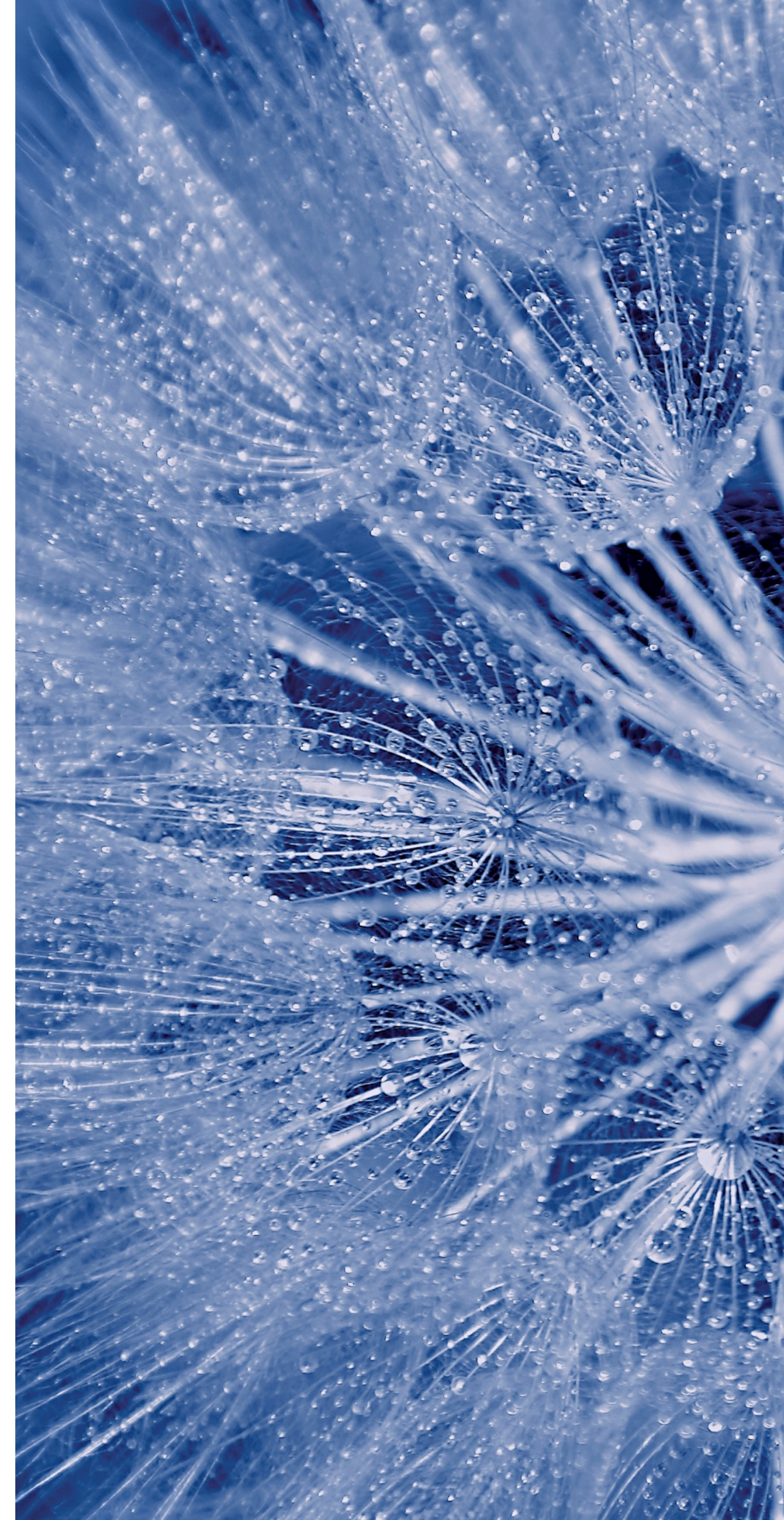
How does this translate into RDM infrastructure, policies and services?



Research Data Strategy Project

Identify the precise nature of **challenges**, **issues** and **gaps** faced by researchers in managing research data

Make **recommendations** for enhancing University-wide RDM services over the next three years



Research Infrastructure Self Evaluation (RISE) framework

- Capability model
- Assess level of RDM maturity
- Facilitate RDM service planning & development
- Developed by DCC in 2016; adapted by ARDC for Australian context

Rans, J and Whyte, A. (2017). 'Using RISE, the Research Infrastructure Self-Evaluation Framework' v.1.1 Edinburgh: Digital Curation Centre.

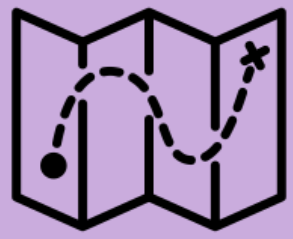
www.dcc.ac.uk/resources/how-guides

SPARC Europe. Evaluating RDM Tool:

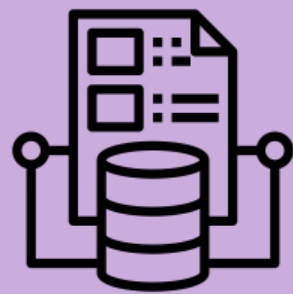
<https://sparceurope.org/evaluate-your-rdm-offering/>

RISE framework

21 **capabilities** across 10 research data support areas



1. Data management planning



2. Active data management



3. Appraisal & risk assessment

RISE framework

21 **capabilities** across 10 research data support **areas**



4. Preservation



5. Access & publishing



6. Discovery

RISE framework

21 **capabilities** across 10 research data support areas



7. Training



8. Advisory services



9. Policy & strategy



10. Business plans & sustainability

RISE framework



RISE framework

Three **levels of capability**



Level 1: compliance



Level 2: locally tailored services



Level 3: sector leading activity

RISE current state workshop (2.5 hours)

- **Attendees:** Library, IT, Office of Research Enterprise, Information Governance, Records, CMCA (research centre) (nine total)
- **Aim:** Identify and discuss RDM pain points in each RISE area
- **Activities:** Capability rating exercise (individual v group ratings)



RISE current state workshop (2.5 hours)

- ✓ Assembling representatives from business units across the University
- ✓ Exchanging information about RDM relevant developments
- ✓ Identifying problem areas and areas for improvement
- ✓ Not realistic to be Level 3 capability in all areas – need to prioritise



Researcher engagement

- Semi-structured **interviews** (11 researchers) and **focus group** (10 researchers)
- **Aim:** Deeper understanding of research data lifecycle activities
- RISE as a means of coding qualitative data

Code: *specific idea e.g. 'collaboration'*

Category: *broader theme (RISE area) e.g. 'active data management'*

Theory: *e.g. cause and effect, dependencies, etc.*

Duke University (2016) "What Does Coding Look Like?: Qualitative Research Methods" <https://youtu.be/phXssQBCDIs>



RISE future state workshop (3 hours)

- **Attendees:** Project team
- **Aim:**
 - Envision the future state of RDM services at UWA in three years' time
 - Propose process and technology changes
- **Activities:**
 - Actions/services to enhance RDM
 - Prioritising services for improvement
 - Rating ease of implementation



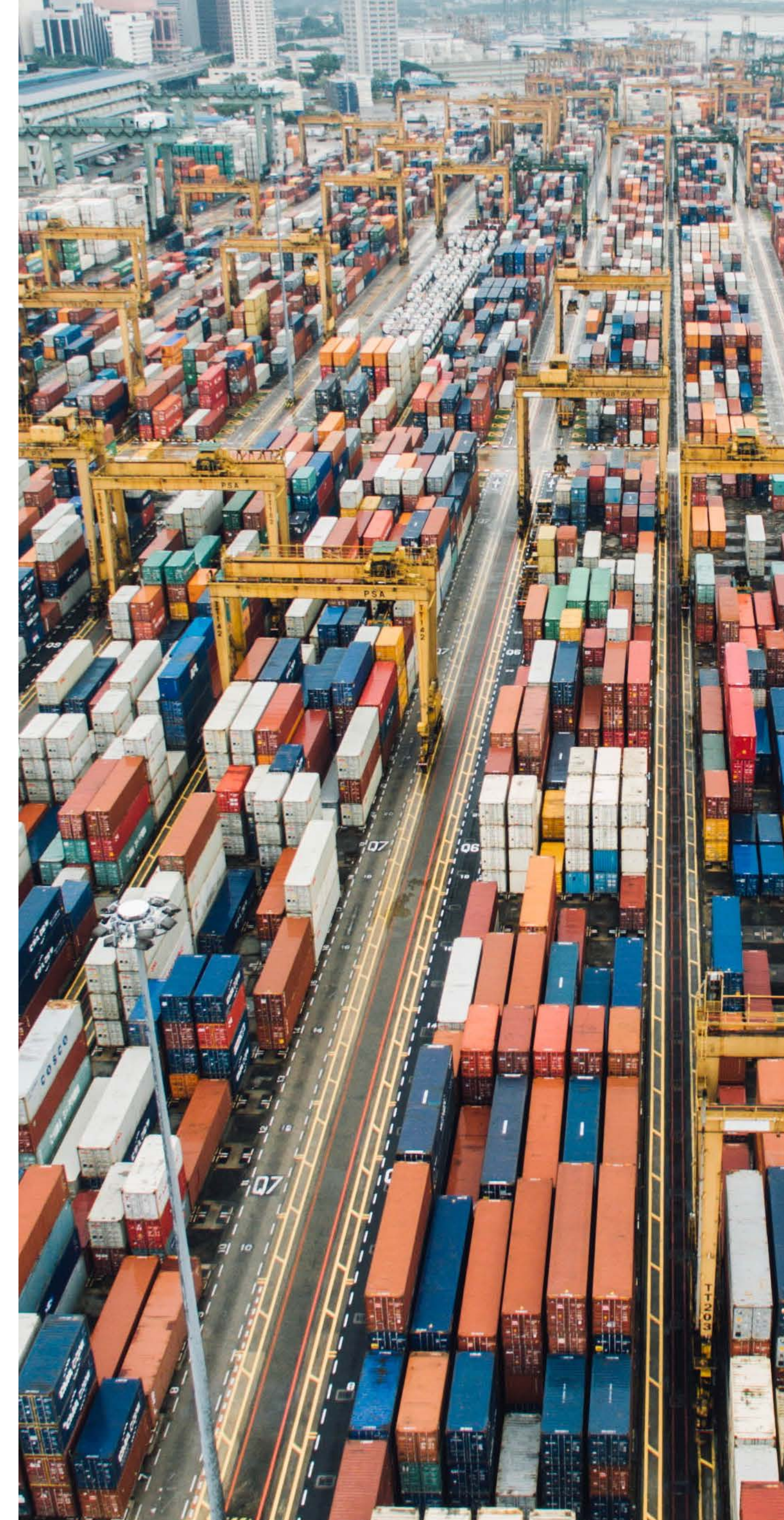
RISE future state workshop (3 hours)

- ✓ Lots of ideas for ideal future state (but no obvious “easy wins”)
- ✓ Valuable discussion informed by researcher feedback and other project activities
- ✓ Jumping off point for focussed strategy discussions and recommendations



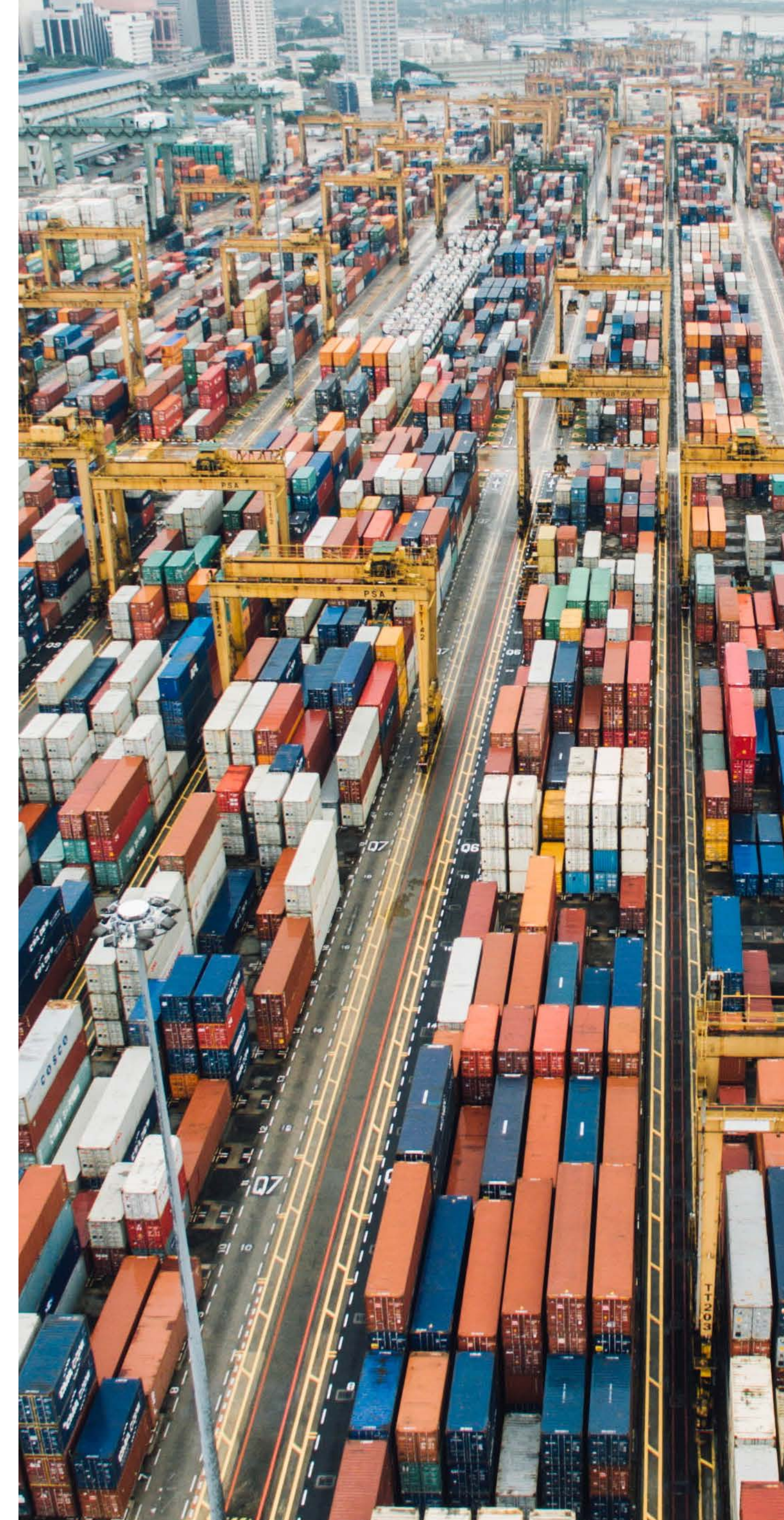
Lessons learnt

- RISEing takes time! (time for discussion, organisation and analysis)
- Participants are key (facilitator, workshop attendees, scribe)
- Not every angle is neatly covered (be flexible)
- RISE can be used with other approaches



Why RISE?

- Valuable for structuring discussion and information gathering
- Framework to parse qualitative feedback from researchers and other stakeholders
- Highlighted areas that require coordination across the University
- Actionable insights for developing repository and research data services



Thank you



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