



Australian Research Data Commons

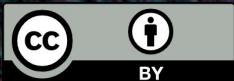
Research Impact and Outcomes for National Data Assets Projects

ARDC Projects Orientation

PRESENTED BY

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The Australian Research
Data Commons is enabled
by NCRIS.



**We acknowledge and celebrate the
First Australians on whose traditional lands
we meet, and we pay our respect to the
elders past and present.**



Research outcomes reporting: Guidelines for National Data Assets Projects

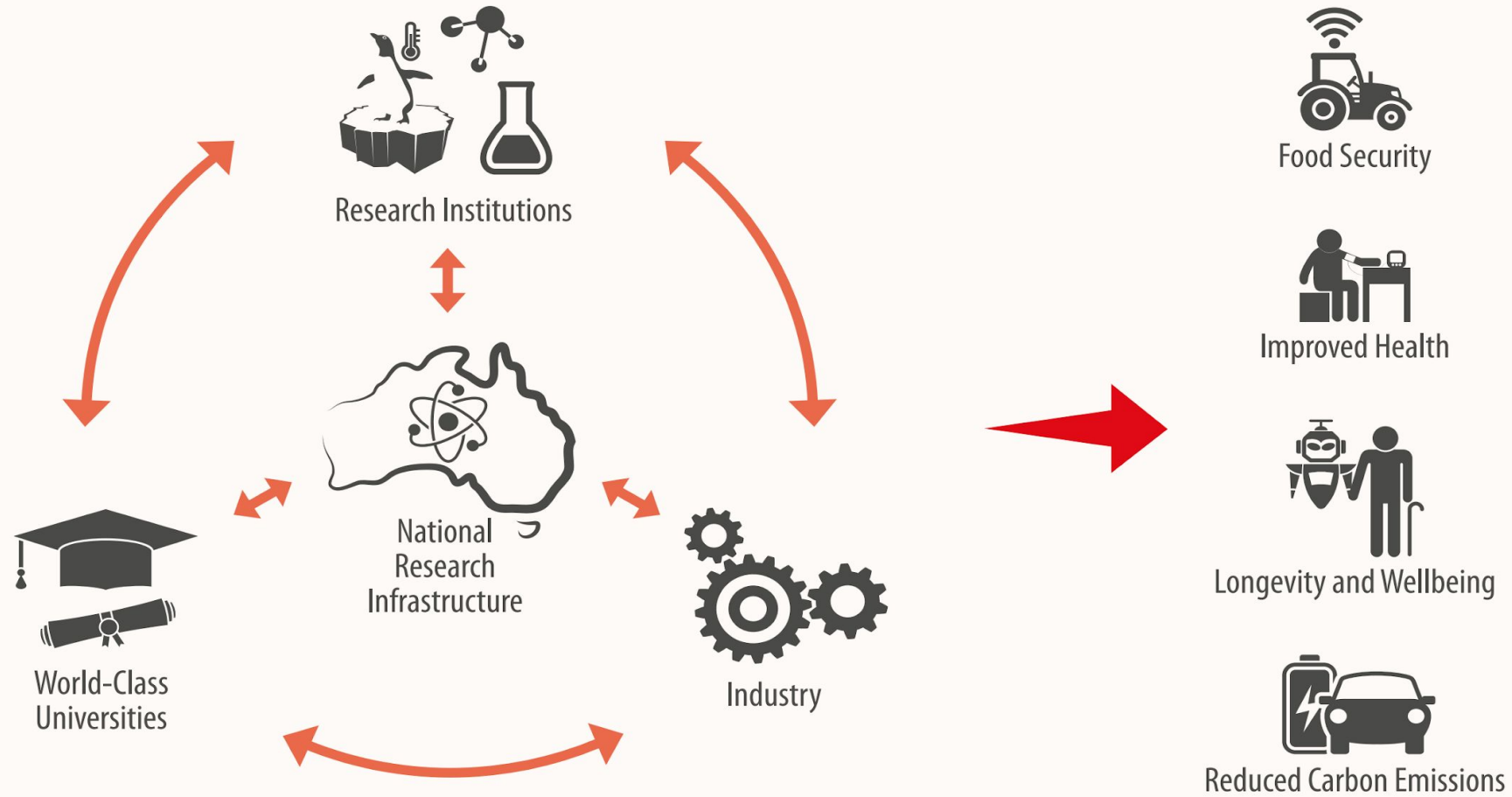
ARDC's National Data Assets portfolio aims to support the development of research data assets and infrastructure to produce reliable high quality research, improve efficiency through greater sharing of resources, catalyse data innovation through data science, and enhance research translation to produce benefits for communities beyond the research sector.

To ensure that these strategic goals are achieved, the ARDC requires all National Data Assets projects to plan, implement and report on research outcomes and impact from ARDC invested activities. This document provides broad guidance on the

- 1. Outcomes and Impacts**
- 2. Planning**
- 3. Monitoring**
- 4. Reporting**

Society benefits from research

Figure 1: National research infrastructure supporting Australia's future



2016 National Infrastructure Roadmap <https://docs.education.gov.au/node/43736>

National Data Assets Program Logic



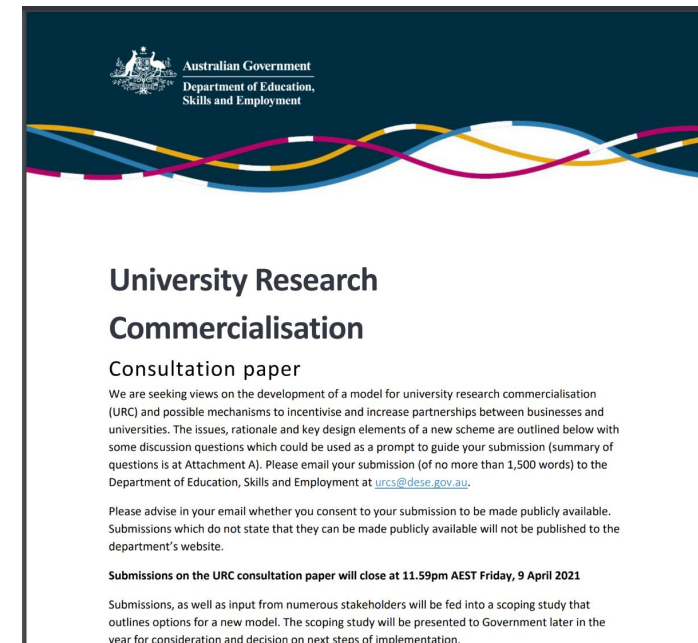
The aim is to realise benefits

- Research infrastructure benefits research
- Research benefits society



And we have to...

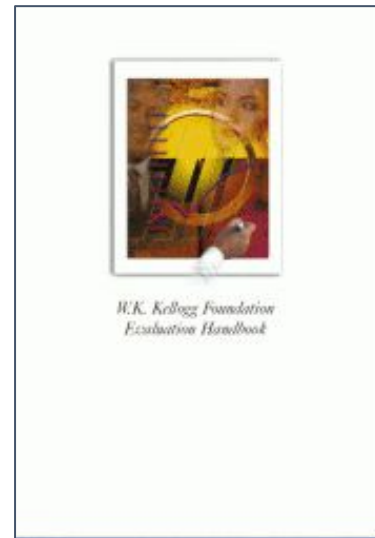
- NCRIS reporting guidelines
- ARC ERA
- ARC Engagement and Impact Assessment
- Australian government policy on broader impact of university research



Good Practice

Good practice suggests:

- Plan for outcomes and impact early
- Include end users & benefit realisation in the project
- Measure what you care about



<https://ardc.edu.au/resource/investigating-the-link-between-research-data-and-impact-phase-ii/>

Research Outcomes & Broader Societal Impacts

Plan

- research users
- beneficiaries
- translation partners
- explicit plan

Implement & Monitor

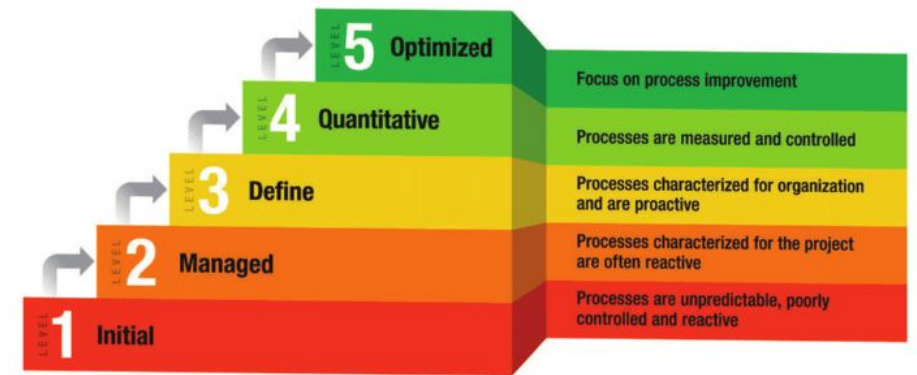
- community awareness
- usage tracking
- 5% extra funding

Report

- research usage metrics
- impact narratives
- 12 & 24 months post-project

A spectrum of capability

- Usage of infrastructure by researchers is unmanaged and unknown
- Usage of infrastructure by researchers is known and monitored
- Research activities (publications etc) undertaken by those researchers using the infrastructure are known and monitored
- Broader impacts achieved by those research activities are known



ARDC Outcomes and Impacts reporting requirements

All NDA co-investment projects require:

- A statement in the application about expected research outcomes and broader impacts (e.g. societal, economic, environmental impacts) and identifying long term beneficiaries
- A Research Outcomes and Broader Impact Plan for monitoring and reporting (delivered as part of the Project Plan)
- A Research Outcomes Report and Broader Impact Report delivered at 12 months and 24 months post-completion of the project activities

In addition, those projects who opted to receive an additional 5% of their project budget require:

- An “Impact/outcome monitoring systems” (=Implementation) work package (delivered alongside the Project Plan)
 - The work package should describe the **changes required to be implemented** in systems, workflows, policies, and broader research culture to support monitoring of research outcomes and impacts beyond project completion

Impact and Outcomes Monitoring Work Package

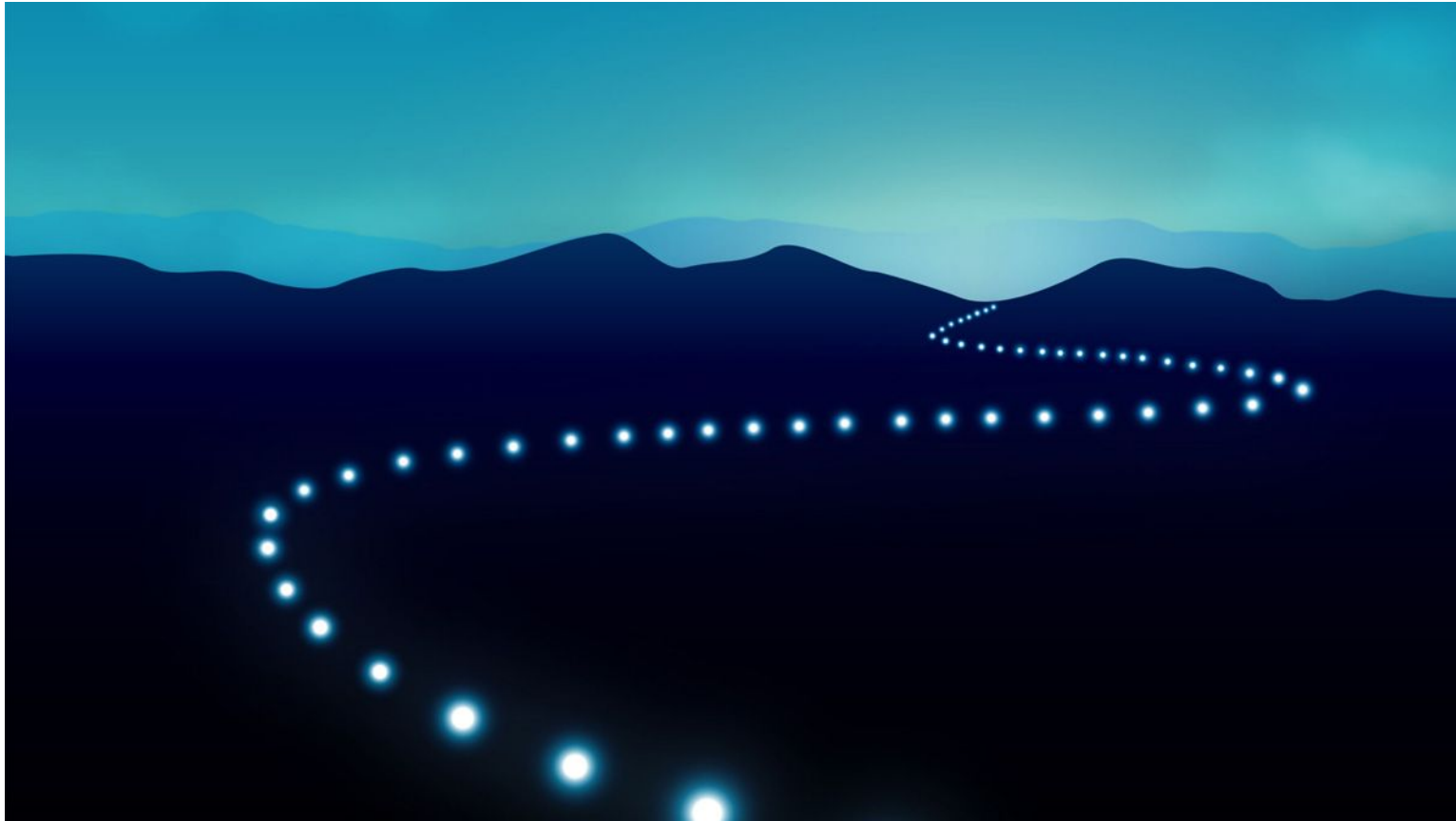
The 5% supplement was offered to all successful NDA projects to boost systematic monitoring capacity

- Eligible activities include at least two of:
 - Implementing and integrating persistent identifiers to support tracking
 - Changes to data access workflows (e.g. registration of users)
 - Dataset download tracking
 - Automation of end-user communication
 - Implementation of systems to track research outputs (e.g. publications)
 - Collaboration with journal publishers to capture data citations
 - Collaboration with scholarly societies and funders to implement policies for data citation

Refer: https://ardc.edu.au/wp-content/uploads/2020/07/Research-outcomes-reporting_-Guidelines-for-projects.pdf

Co-design and community of practice (Working Group)

- Information sharing between projects
- Co-design reporting requirements that are useful and relevant and aligned
- Identifying good practice






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Thank you

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