Institutional Underpinnings Program

National Data Assets Initiative

Open call Overview and Q and A
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National Data Assets

Six programs, one of which is Institutional Underpinnings

Programs target different partners and beneficiaries: public sector, NCRIS, emerging collections, universities, health studies, national data partnerships.
National Data Assets

“...nationally significant assets, facilities and services to support leading edge research...”

Australian National Research Infrastructure Roadmap 2016

https://docs.education.gov.au/node/43736
National Data Rainforest

- Reference Collections
- Community Collections
- “Operational” Data

Research Institutions, Govt Agencies, Utilities, National Facilities….
Why Institutional Underpinnings in a National Program?

- Reference Collections
- Community Collections
- “Operational” Data

- National data collections depend on institutional resources and culture
- Systemic research efficiency and integrity

Research Institutions, Govt Agencies, Utilities, National Facilities….
Research Data Culture Project

- 2019-2020 project
- Multiple public consultations
- Sector-driven
- Recommended:
  - Next Generation RDM
  - Best practice guidelines
  - Domain Focused Data Lifecycles
  - National and Institutional Architecture
  - Exemplar implementations
  - Broadscale Deployment

Read the summary of challenges and development response
What is the national investment?

Shared ‘national’ approach to the institutional management, sharing, retention and disposal of data

Institutional validation and testing of aspects of the framework

Common Framework

Coordinated Validation & Implementation
Institutional Underpinnings program at a glance

**Aim:** Develop a coordinated and collegially-informed approach to research data management across Australia’s universities

**Participants:** Universities, participating at institutional level

**ARDC Co-Investment:** $65k per participating university.

**Timeline:** Project starts Q1 2021, 18-month duration.

- Registration of Interest: 19 October - 9 November 2020
- Formal Application: 7 December 2020 - 15 Feb 2021
One Collaborative Project

Jointly create an institutional-level framework for the management, sharing, retention and disposal of data, to:

- inform universities’ design of policy, procedures, infrastructure and services
- improve coordination of research data management within and between institutions
- identify information needed for more efficient decision-making around retention and disposal of research data
Joint Framework

- Joint statement of principles underpinning effective institutional RDM
- Outline of policies, procedures, services and infrastructure needed for effective RDM
- Shared profile of archival principles appropriate to RDM
- Model of common decisions and events that occur as research data interacts with each of these elements,
  - including (where possible) information that feeds into these decisions and processes
Joint Framework is not...

- A specific technology solution
- One set of (metadata) standards
- Prescribed policy
- A solution for one discipline or university
Framework Development Stages

• Stage 1: Collaborative development of the draft framework

• Stage 2: Individual institutions each conduct a local implementation of an aspect of the framework to test/validate

• Stage 3: Framework is finalised with feedback from implementations
Implementations

Activity within an institution to test/validate an aspect of the framework. Must:

- Have ongoing value beyond the duration of the project
- Involve improvement or change at the institution (not just business-as-usual)
- Be specifically related to the joint framework
- Produce some output that can be of value to other institutions
Expected Contribution

Participating universities expected to:

● Attend regular meetings and workshops
● Consult within your institution
● Contribute to drafting of section of framework
● Provide feedback

No requirement for 1:1 matching co-investment, but co-investment (inc. in-kind) and leverage of existing activities expected.
Application Process

- Registration of interest  **(19 October - 9 November 2020)**
  - participation in consultative workshop  **(19 Nov 2020)**
- Formal application to participate open only to those who submit initial registration of interest  **(7 Dec 2020 - 15 Feb 2021)**
- One application per institution
- Requires coordination/consultation within university - name relevant within-institution contacts
- No requirement for proposal/budget, but application stage will ask for potential areas of implementation
So what?

Adapted from 2016 National Infrastructure Roadmap [https://docs.education.gov.au/node/43736](https://docs.education.gov.au/node/43736)
Program Objectives

- National, coordinated, and coherent approach to research data management at universities
- Support systemic improvements to research integrity and quality
- Support systemic improvements to research innovation and excellence through common data practices and capability that underpin national data assets.
CONTACT

https://ardc.edu.au/contact-us/