Enabling Discoverability and Reusability of Research Data

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Australian National Data Service

ANDS is enabling the transformation of:

Data that are:
- Unmanaged
- Disconnected
- Invisible
- Single Use
to

Structured Collections that are:
- Managed
- Connected
- Findable
- Reusable

...so that Australian researchers can easily publish, discover, access and reuse research data
ANDS Differentiators

• Don’t store data

• Nationally co-ordinated approach

• Institutionally-focussed engagement: bulk of funds spent outside ANDS “helping them meet their research data ambitions”

• Engaging with large nationally-funded discipline investments

• All disciplines covered

• Focus on adding value to data and re-use
ANDS Services and Infrastructures

- Research Data Australia
  Discovery Service for Australian Research Datasets

- DOI Minting Service
  Enabling Australian Universities to assign DOI to datasets

- Vocabulary Service

- Grants and Projects Discovery Portal

- Research Data Switchboard (RD-A Initiative, adopted by ANDS) — in transition to an ANDS service
Find data for research

Find, access, and re-use data for research - from over one hundred Australian research organisations, government agencies, and cultural institutions.

Browse By Subjects

- Humanities and Social Sciences
- Business, Economics and Law
- Medical and Health Sciences
- Engineering, Built Environment, Computing and Technology
90+ research organisations contribute information to Research Data Australia

Note: not all contributors have been presented in this slide
RD-Switchboard
Finding Connections to Research Datasets

DDRI WG Breakout Session: Wednesday (23 Sept) 15:30
Main Challenges and Collaboration Opportunities

- Cross platform discovery at the international level
- Open access to research data
- Building the culture of data reuse and data citation
- Linking datasets to publications and grants