Projects & engagements

- Over 150 Projects and engagements with research and public sector institutions; capabilities across a variety of disciplines
- Establish coherent institutional research data infrastructure including
  - Automated tools for rich data capture
  - Metadata stores
  - Pipes connecting institutional systems and national services
National Services

- Research Data Australia: data collection, identification, publication and discovery
- Researcher identification
- Data Citation – DataCite, DOI
- Vocabulary Services
  - Gazetteer
  - ARC/NHMRC grants
  - FOR codes
ANDS Activities

- Licensing
- Guidance on research data management
  - ANDS guides
- Building a community of practice
  - Boot camps, Community events, Data Librarians’ event
  - Community bulletin board & email forums
  - Working with other NCRIS capabilities
ANDS enables 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 use research data.
Achieving the transformations: Managed

- Data management planning – working with researchers at the outset of their projects
  - Capture & Storage
  - Description
  - Dissemination
- Policy and process development
- Managing the metadata
- Authority control
- Vocabulary management
- Training in DM best practice
- EndNote et al – managing citations
Achieving the transformations: Connected

- Establishing the link between publications and supporting data
- Providing the context for data – research activities, links to researchers, services associated with the data
- Feeds to appropriate community portals to increase access points

Increasing the efficiency and authority of research information
Achieving the transformations: Discovery

- Incorporate data searching into discovery tools
- Include data searching in information literacy
- Advise on system development
- Defining collections
- Add institution’s data to Research Data Australia
- Use Research Data Australia for resource discovery
Achieving the transformations: Re-use

- Data citation
  - Data citation analysis
- Copyright
- Licensing
Partnerships

Data management is not confined to a single territory:

- Research
- eResearch
- Library
- IT
- Legal

- Research office
- Records
- Copyright
- Commercialisation
Partnerships

It also involves external partnerships:

- institutions,
- research communities
- ANDS

Building the ARDC and Australia as a key locus for data intensive research