



Australian Research Data Commons

# Evolving Data Landscape

## Governance Dimensions of Australian Dataspaces

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ARDC is enabled by NCRIS

v1.0

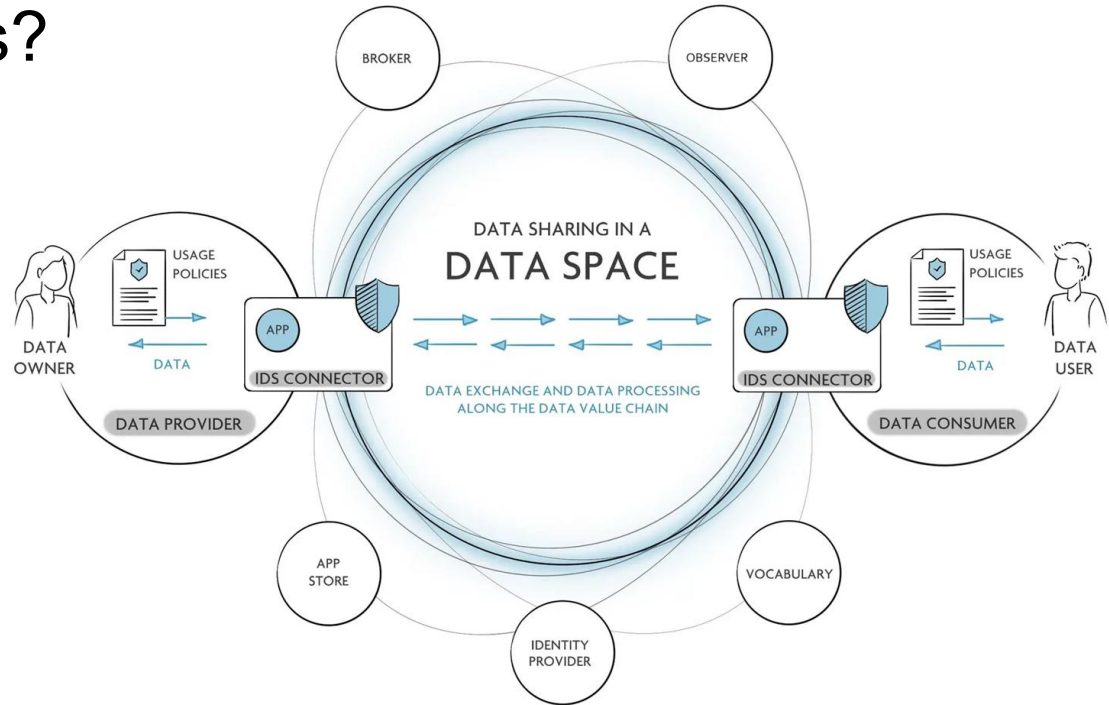


# The Australian Challenge

- Australian Context
  - The Governance Gap
- From Data Governance to Dataspace Governance

# What Are Dataspaces?

- Dataspaces  
- Core Concept
- Key Roles
- International Context



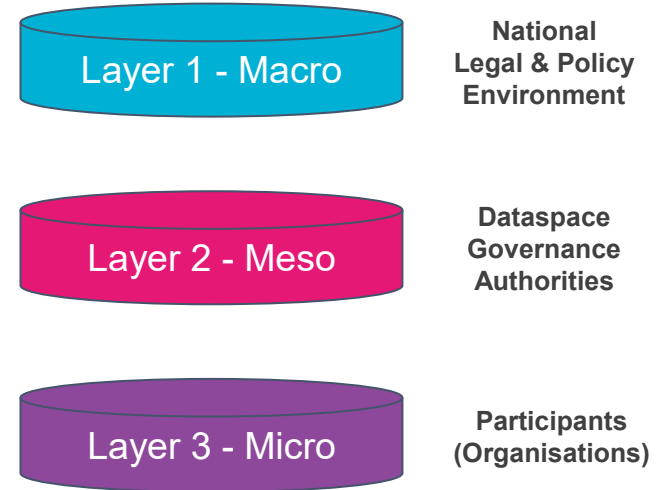
# A Complex Data Ecosystem

- Some Barriers To Sharing Are Features Not Bugs
- Current Approaches Are Slow And Don't Scale
- A Multi-Organisational Governance Layer



# Three Layers Of Dataspace Governance

- **Layer 1** - Australia's Fragmented Framework
- **Layer 3** - Organisational Level
- **Layer 2** - Dataspace Governance Authorities
  1. Defines who can participate
  2. Maintains common rules and standards
  3. Provides or coordinates essential services
  4. Evolves the governance framework
- The Missing Middle in Australia
- How the Layers Interact





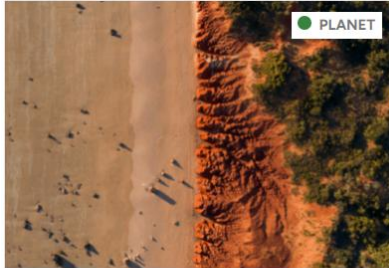
## Australian Implications

- What This Means for Researchers
  - Reduced effort, faster access
  - Procedural simplicity
  - Control without silos
  - Research question focused
- The Fundamental Shift

*From **data governance** to  
**dataspace governance***

# Australian Dataspaces Program

Establishing dataspaces to create a trusted, secure ecosystem for secure data exchange between research, industry and government in Australia



## Leveraging Dataspaces to Operationalise Data Sharing for a Shared Environmental Analytics Facility (SEAF)

Aligning the SEAF platform with the International Data Spaces (IDSA) Rulebook for secure, best-practice environmental...



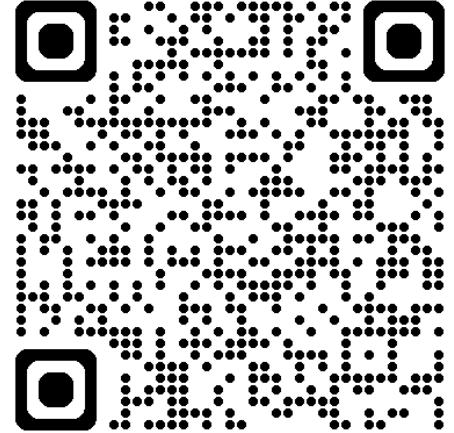
## Biosecurity Dataspaces

Enabling trusted data sharing to reduce biosecurity risks for Australia



## Prototype Australian Dataspace Testbed Service

Enabling the testing and refinement of prototype dataspaces in Australia








**Q&A**



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