The SMART Way to Manage Research Data

Presented by

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THE FACILITY

→ New purpose built facility
→ 30 integrated laboratories
→ Simulation and modelling hub
→ Rail logistics research centre
→ 200 higher degree research students
Why Research Data Management?

• Startup HEEF funding for a comprehensive infrastructure research ‘Data Hub’
  – Data seen as an “asset”

• Data intensive research objectives and projects
  – Computer and Agent Based Modeling
  – Business Intelligence

• Risk management, commercial projects, sensitive datasets
Interrelations between policies, processes, IT infrastructure and expertise to provide the necessary support for the SMART research program to fully leverage our data assets and research capability.
SMART Data Centre Framework

- People & Expertise
- Governance
- IT Systems
  - Secure Data Storage Repository
  - Metadata Discovery System
  - Security & Access Controls
SMART Data Centre Framework

- IT Systems
- Governance
- People & Expertise

- Research Data Management Policy
- Data Access Agreements & Licensing
- Best Practise based Guidelines & Procedures
- Project-Based Data Management Planning
SMART Data Centre Framework

- Governance
- IT Systems
- People & Expertise

- Dedicated Data Management Team
- Programs to promote best-practice RDM
- Partnering Research Projects
Adding Value

• Enhancing research outputs and efficiency through:
  – Centralised data management within SMART across all projects
  – Providing additional skill sets and knowledge to SMART research projects
  – Removing and streamlining administrative research tasks
  – Ensuring compliance and mitigating risk
Questions
FOR MORE INFORMATION

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