NATIONAL COLLABORATIVE RESEARCH INFRASTRUCTURE STRATEGY
Research activities and Research teams

**Data Management**
- Curation
- Collection management and retention
- Access Services

**Workflow**
- Shared environments
- Ensembles and pipelines
- Application oriented compute services

**Grids**
- directories, data transport, job submission, naming, operational conventions

**National AAA**
- Authentication, identity and trust fabric
- Authorisation: resource sharing, access control
- Accounting: resource control, usage attribution

**ICT Components**
- Interactivity, shared work spaces, desktops
- Datastores: archival, high speed, distributed, local
- Computing: peak, mid-range, work group

**Instruments**
- imaging, sensing, measuring, recording

**Comms**
- ubiquity, QoS, dimensioning, pricing

*Through the use of globally adopted standards*

“The Rest of the World”
Scoping of PfC investment:
• who might/should apply funds to the different elements,
• at what scales
• in what contexts

To what might NCRIS apply funding?

What would be needed to be effective?
KEY RESEARCH PRIORITIES

Anglo-Australian Telescope Board

APAC

AREN

International Science Linkages

Quality and Accessibility Frameworks for Publicly Funded Research
NCRIS Investment

- Evolving Biomolecular Platforms and Informatics
- Integrated Biological Systems
- Characterisation
- Fabrication
- Biotechnology Products
- Networked Biosecurity Framework
- Optical and Radio Astronomy
- Integrated Marine Observing System
- Structure and Evolution of the Australian Continent
- Platforms for Collaboration
Preliminary assessment required

Population health and clinical data linkage

Terrestrial ecosystem research network
PROCESS

Single national proposal

March – September 2006:
Preparation of funding proposals

Late 2006: Proposals assessed, funding