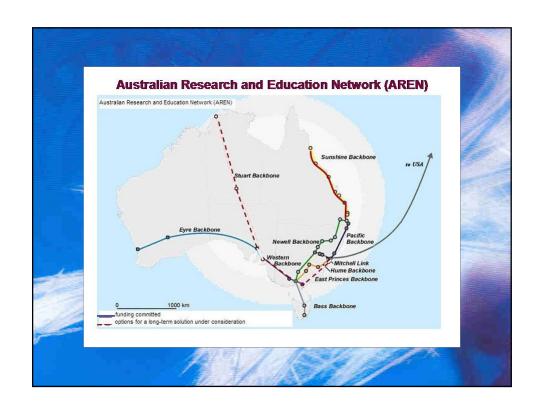
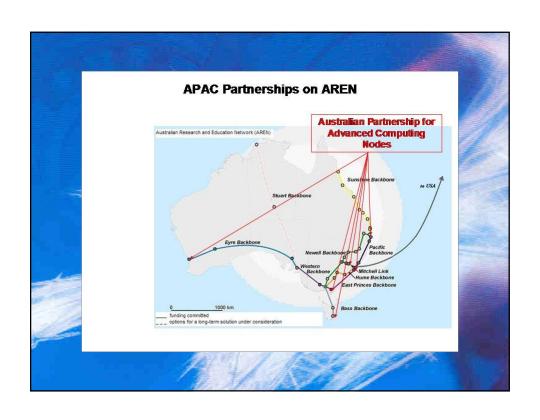


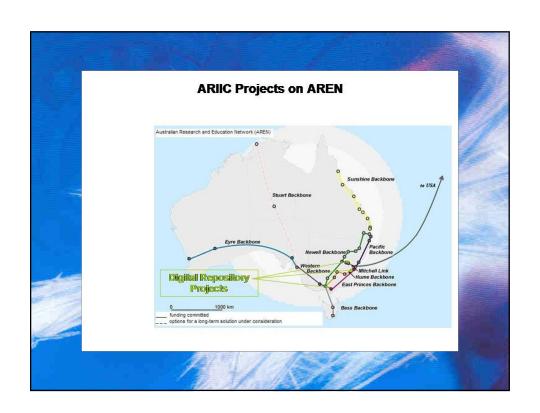
eResearch - What is it? • e-Research is an enabling technology to support 'real' research – not 'virtual research' - by allowing researchers to do faster, better or different research.

The eResearch Program

- The eResearch Coordinating Committee was established by the Australian Government in April 2005, to provide expert advice on a strategic framework for the development of Australia's eResearch capability
- · Assisted by a broad Reference Group
- · Outcomes: -
 - by end-Sep 2005, recommend short/ immediate term approaches and associated measures to support a national coordination of efforts
 - by end 2005, recommend an overarching long-term strategic policy framework to facilitate e-Research coordination, to develop a culture of e-Research amongst researchers and research communities, and to provide strategic directions in investment decisions







Elements of an eResearch Architecture

- · Access to facilities and data
- · Data storage and management
- · Knowledge access and management
- · Legal issues
- Skills requirements
- · Cultural issues

Accessibility

- · Locational flexibility Telepresence
 - Session, and session structure, management
 - Session recording, annotation, editing
- · Remote operations
- · Virtual organisation management
 - interaction tools
 - workflow management
- · User authentication and access
 - standards
 - frameworks
 - management
- · Data accessibility
 - standards
 - rights management

Data Management Storage Standards, format, metadata Media Accessibility Security Backup, Archive Media Accessibility Retention and retention duration Transfer Security, speed, integrity Audit trail of users and versions





