



# **AeRO – Australian eResearch Organisations**

*AeRO FORUM 2015*

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**AeRO**

**ADVOCATE**

**COLLABORATE**

**COMMUNICATE**

# AeRO Forum 2015

- **Context:**
  - A decade of investment, the Research Infrastructure Review and associated analyses
- **Opportunity:**
  - To review, plan, coordinate and provide input for what lies ahead
- **Today:**
  - Speakers involved at the heart of these processes
  - Attendees from throughout the research/research services community
  - Discussions around key issues and opportunities



# The Landscape

- **Approx. \$500M eResearch infrastructure investment**
  - By the Federal Govt (via NCRIS+EIF) since 2006
  - And more by institutions, organisations, funders, agencies, industry, etc.
  - *Now at the dawn of a new era of investment?*
- **5+4 world-class programs**
  - High Performance Computing(+1), Networking(+1), Data(+1), Collaboration(+1), Identity
- **Multiple funding streams, diverse rules**
  - Lots of TLAs and ETLAs
  - Delivering independent projects and programs via multiple channels



# The Researcher perspective

- Lots of money!
- Exciting projects and infrastructure!!
- World class/leading:
  - HPC capability
  - Network infrastructure
  - Identity Federation
  - Research Data Culture
  - Data storage and Collaboration infrastructure
    - *30+ acronyms, outside my institution*
    - *Diverse rules, contact points, support channels, ...*
    - *Joining things together takes effort*
    - *A diverse experience*



# “Infrastructure” through ...

- **Multiple eResearch Organisations/AeRO Members**
  - State partnerships of institutions
  - Large-scale projects
  - Stand-alone entities
  - Institutional support centres (in ITS, or not)
  - Discipline-specific service providers
  - Government agencies
  - Industry
  - ...
  - And international activities



# AeRO...

- **The Australian eResearch Organisations**
- **A national partnership of Members and other participants**
  - Collaborating
    - To enhance the researcher experience and enable outcomes
    - To coordinate planning and delivery
    - To develop skills, practice and uptake of eResearch
  - Supporting accredited resource sharing and development
  - A collective ear for the needs of the sector
  - A collective voice about a national, joined-up, eResearch capability



# Joining...

- **Not just the infrastructure/technologies**
  - Hard enough!
- **The access**
- **The support**
- **The communication**
- ...
- **In a timely, seamless, friction-free fashion for researchers**
  - *Integrating across boundaries*



# History

- **Established in 2010**
  - Informal MoU-structure
  - Initiative of state-based eResearch organisations
  - Implement strategic initiatives
  - Growing membership and participants



- **Now planning to formalise**
  - Becoming an entity

*Please join in and help shape AeRO!*





# AeRO does...

## ADVOCATE



## COLLABORATE



## COMMUNICATE



### Through projects, materials, events, ...

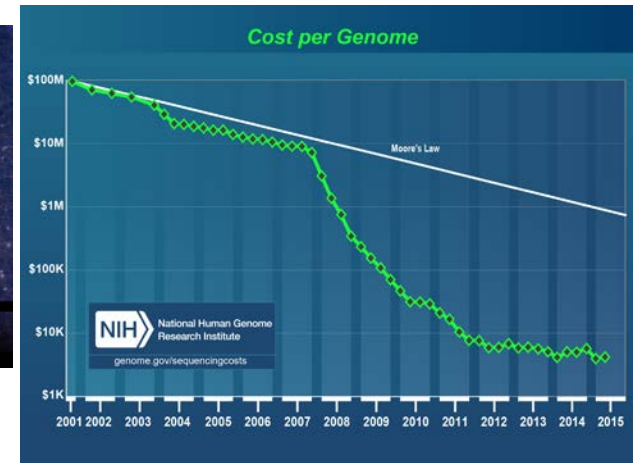
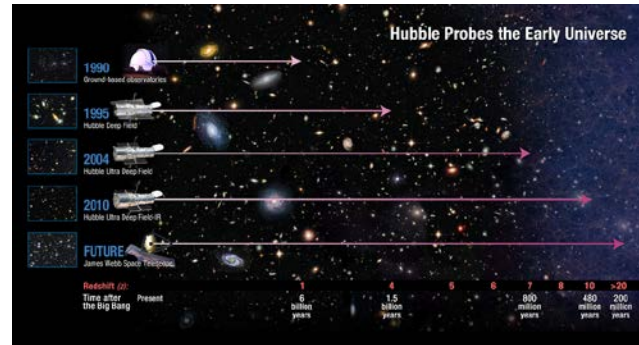
- Annual Forum, eResearch Australasia, THETA, ...
- Projects:
  - User Support
  - Education and Skills
  - Software infrastructure, ...
- *Planning, Coordination, Accreditation, Education, ...*



THE AERO TICK

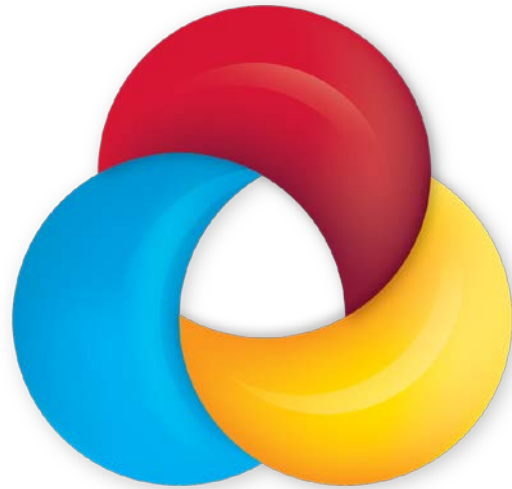


# Planning...



- Disciplines have trajectories of capability and needs over time
- eResearch infrastructure needs to be planned to meet them
  - While research needs, capabilities and technologies are rapidly evolving and sometimes shifting...
- Can we do a long term (decadal) plan for eResearch?
  - *Setting direction*





**Interested in finding out more or taking part?**

Visit our website [www.aero.edu.au](http://www.aero.edu.au)

or contact [markus@aero.edu.au](mailto:markus@aero.edu.au)

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