



**Australian Government**  
**Australian Research Council**

# **Opportunities for International Partnerships**

## **Australian Research Council Initiatives**

First Sino-Australia  
IT Research and Education Summit  
November 7<sup>th</sup>, 2008

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# Ministry Structure



Minister for Innovation, Industry, Science and Research  
Senator Kim Carr

Department of Innovation,  
Industry, Science & Research

International Science Linkages  
Cooperative Research Centres

ARC Co-Funded Centres  
NICTA – DBCDE & ARC

ACPFG, ASCC  
Groundwater

Australian  
Research Council

CSIRO

Other Agencies/Offices

AIMS  
ANSTO  
AAO  
Chief Scientist



# Australian Research Council Overview

- Federal Government agency supporting all R&D
  - except medical and dental research
  - competitive, peer-reviewed proposals by investigators
  - limited strategic direction in specific fields
- Annual funding to University sector ~\$600m (FY08/09)
  - about 10% of total Federal spend on R&D
  - increase from ~\$250m in FY02/03
  - by FY10/11 will increase to ~\$750m/yr
  - assess >5,500 proposals per year
  - 35 Centres of Excellence, Special or Co-funded Centres
  - 25 Research Networks
- Mission
  - to advance Australia's research excellence to be globally competitive and to deliver benefits – public good and commercial – to the community

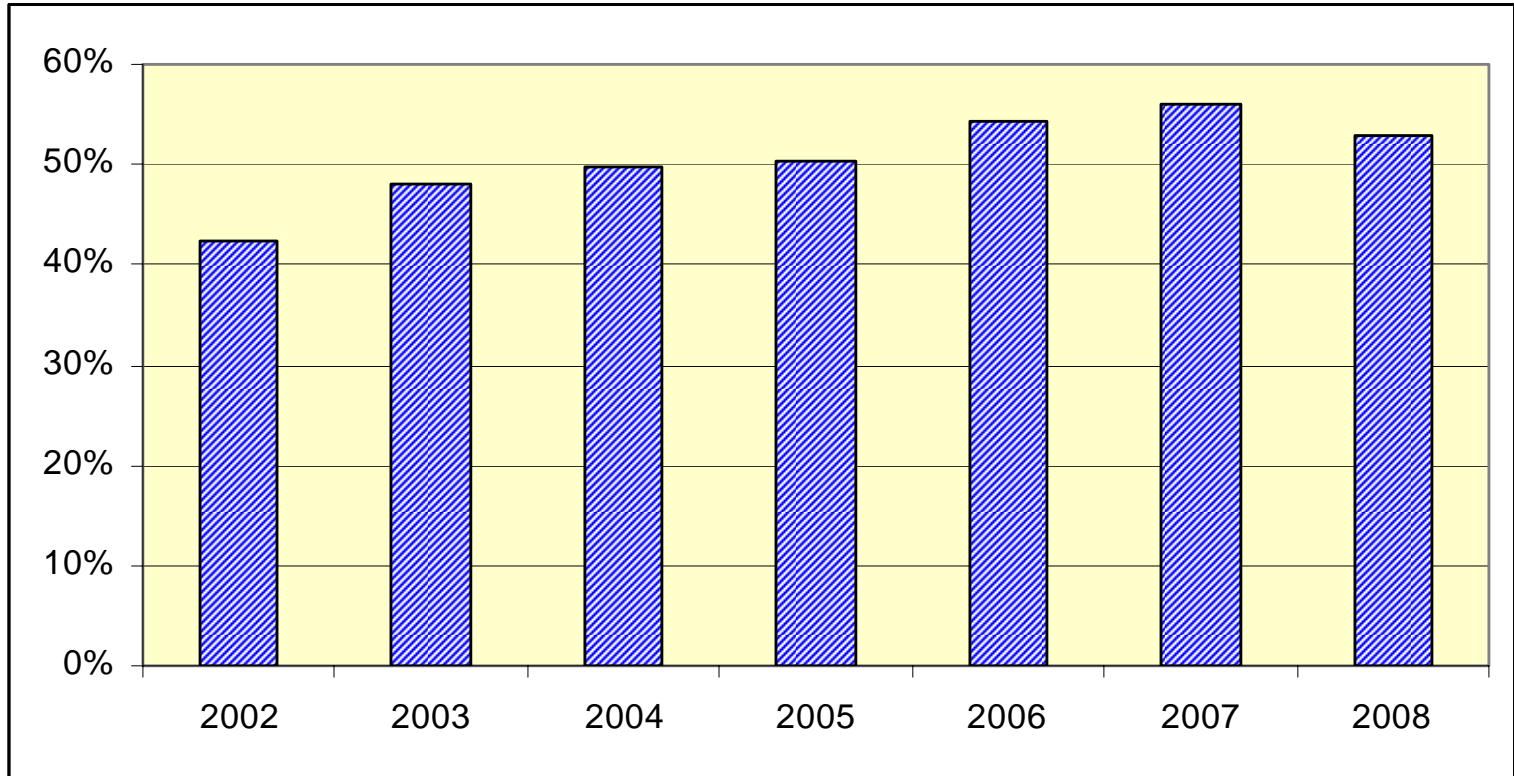




# ARC Funded Projects

## Proportion with International Collaboration

2002-2008



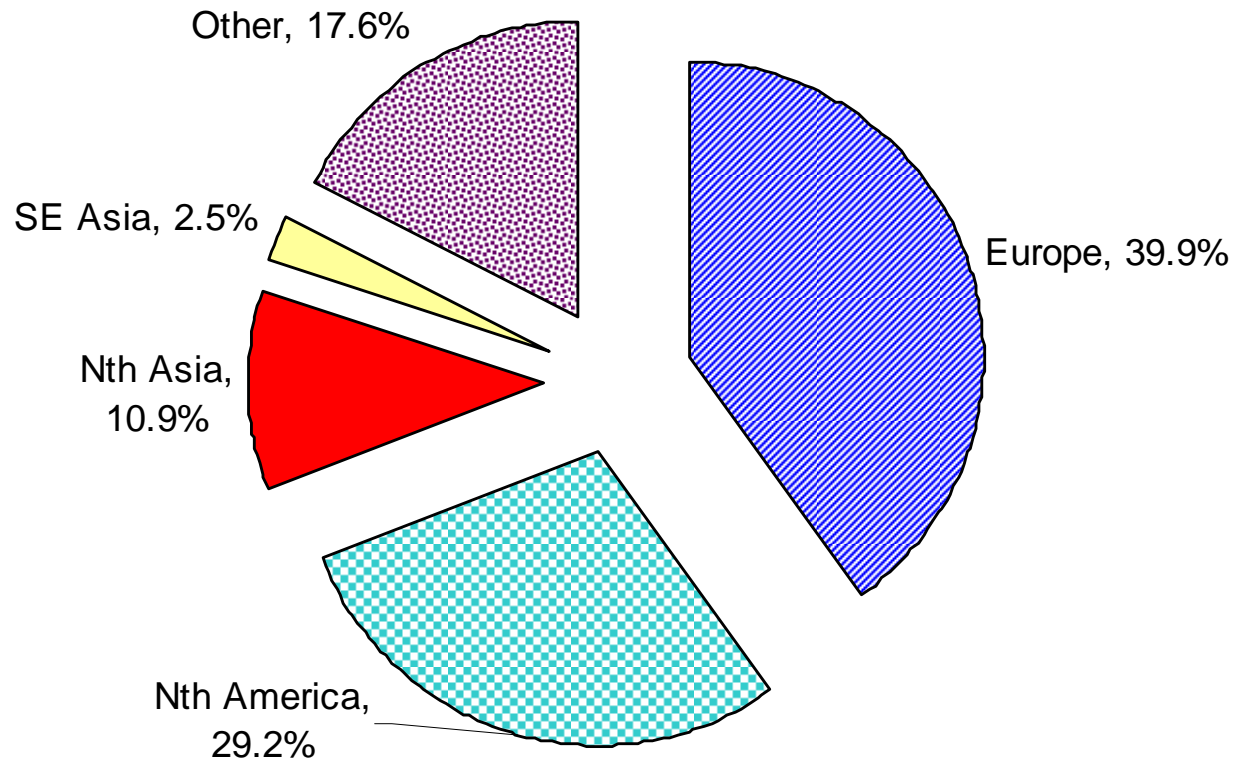
700 to 800 projects per year propose international collaboration





# ARC Funded Projects

## Distribution of International Collaboration 2002-2008

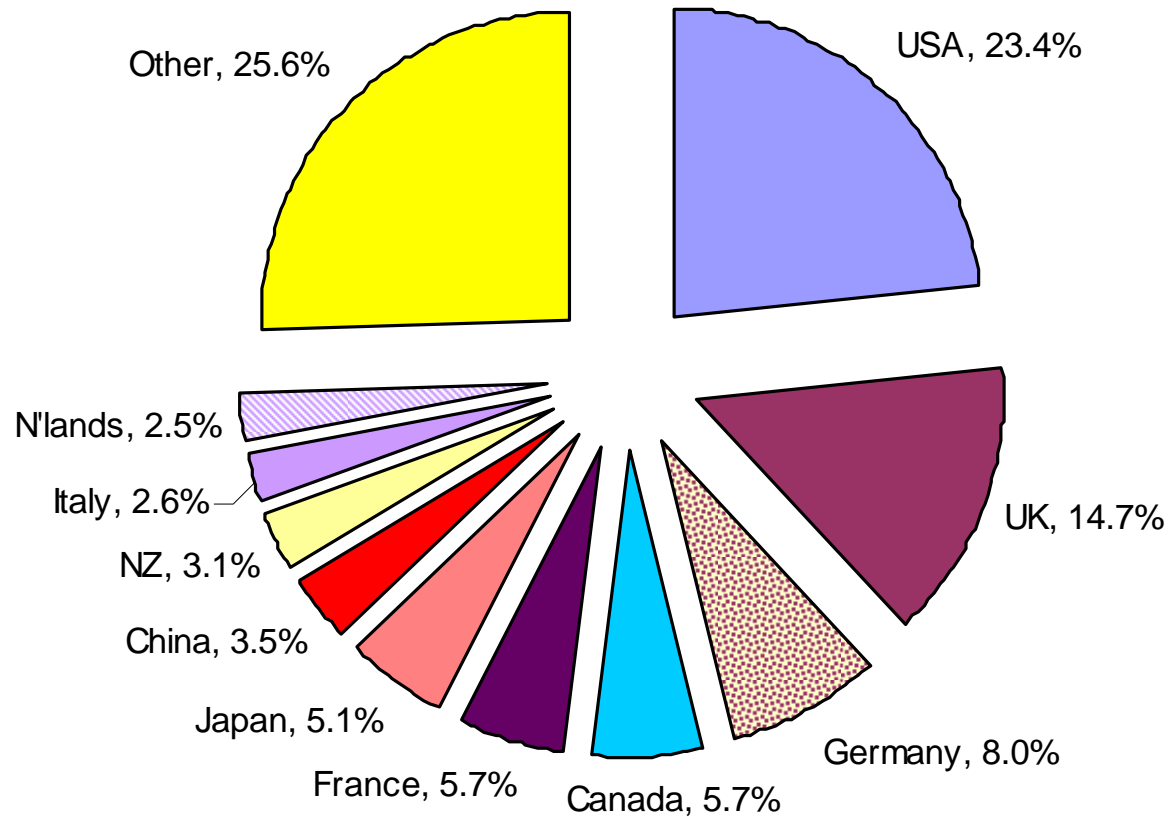




# ARC Funded Projects

## Distribution of International Collaboration

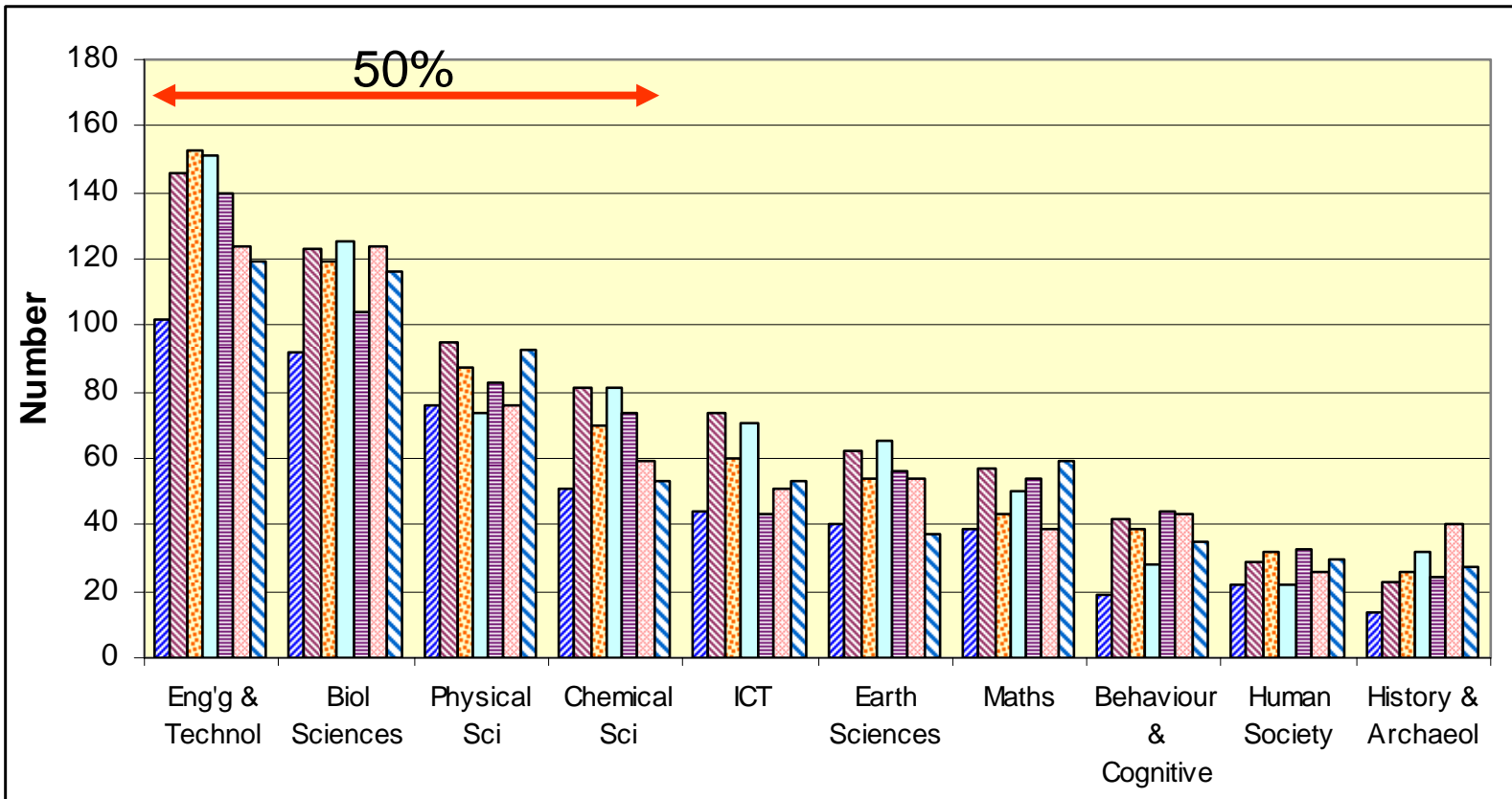
2002-2008





# ARC Funded Projects

Predominant Research Fields – International Collaboration  
2002-2008



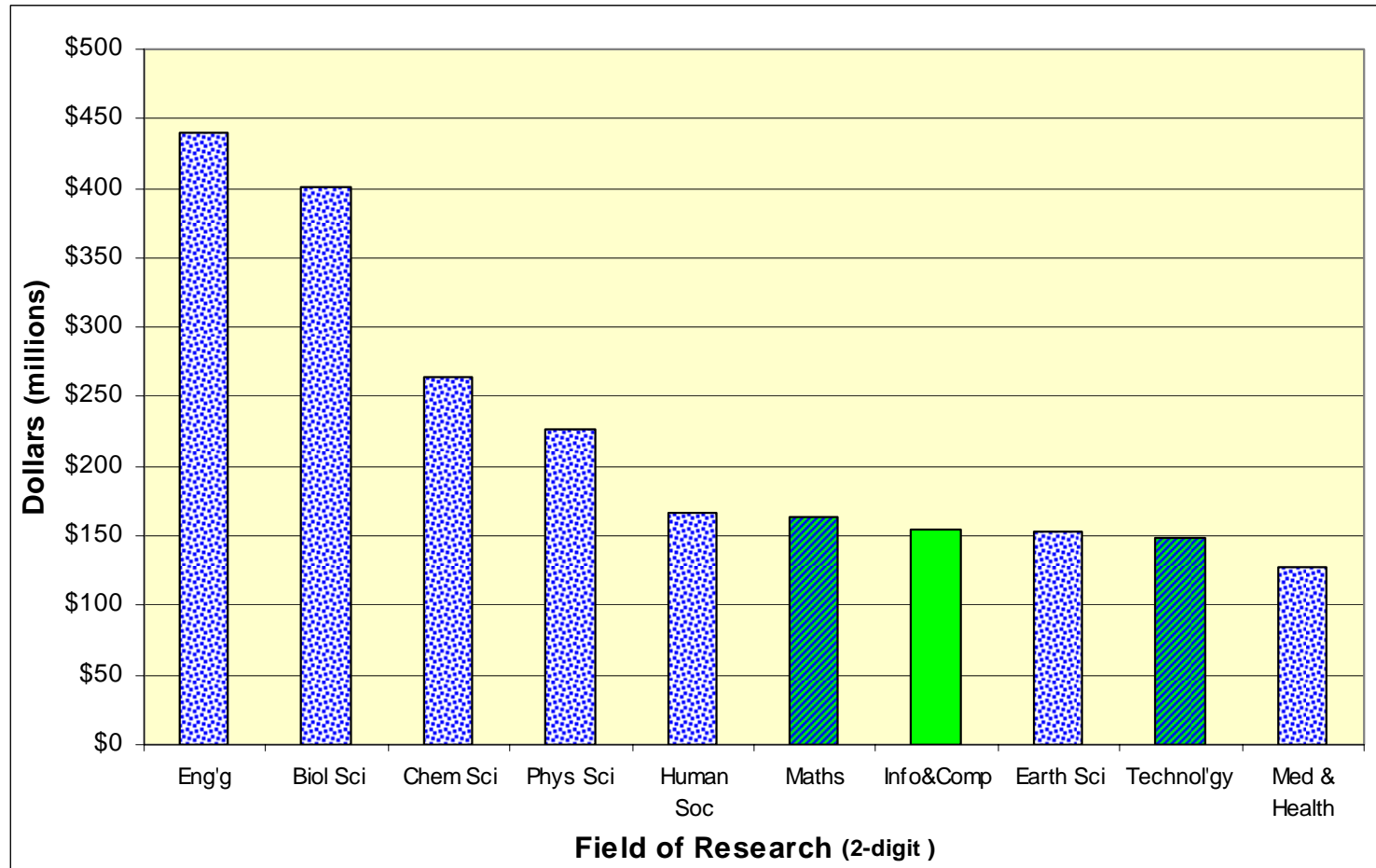


# International Focus

- In March 2008, Minister announced:
    - *Future Fellowships and other schemes open to international applicants*
    - ARC funds for travel for international collaborators.
  - *Enhancing international collaboration* will be a priority for all ARC fellowship schemes
- 
- Significant changes to *Linkage Projects* Scheme
  - Release of Future Fellowships Scheme details
  - Re-badged Scheme: Australian Laureate Fellows
  - Revisions to Linkage International



# ARC Funding Project-based\* 2002-2008



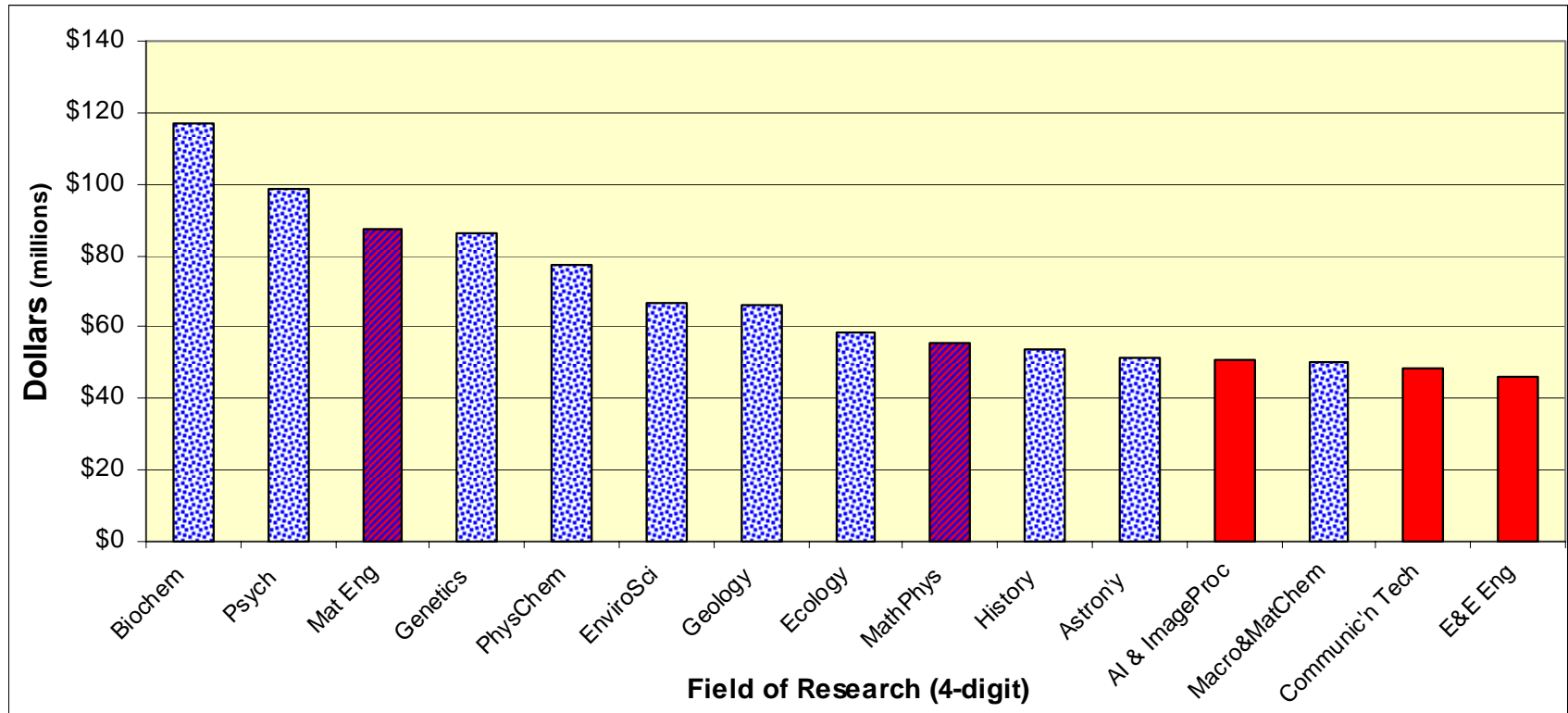
\*includes DP, LP, FF, LIEF Funding Schemes

**Top 10 is 75% of total**





# ARC Funding Project-based\* 2002-2008

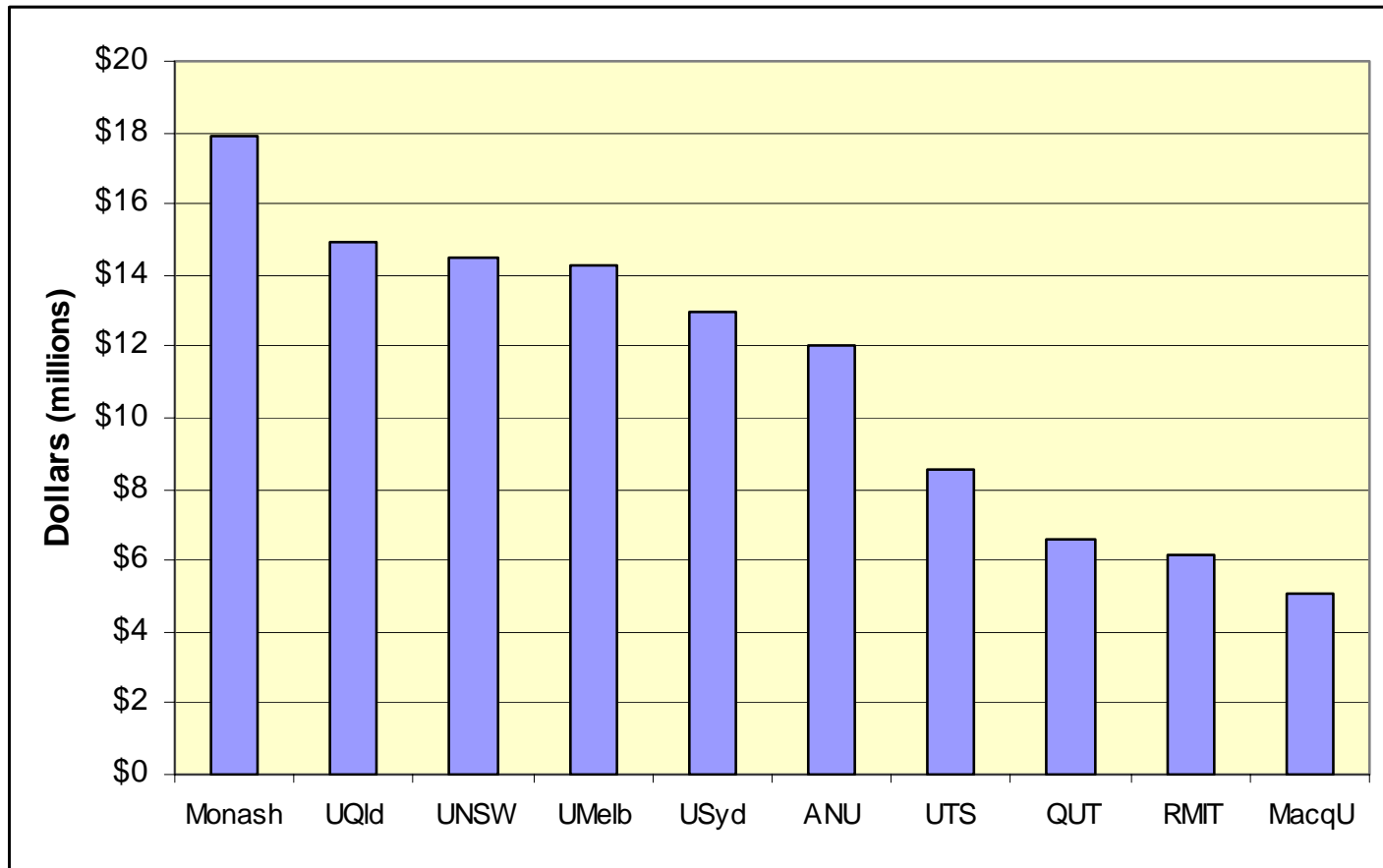


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# ARC Funding Project-based\* 2002-2008



\*includes DP, LP, FF, LIEF Funding Schemes

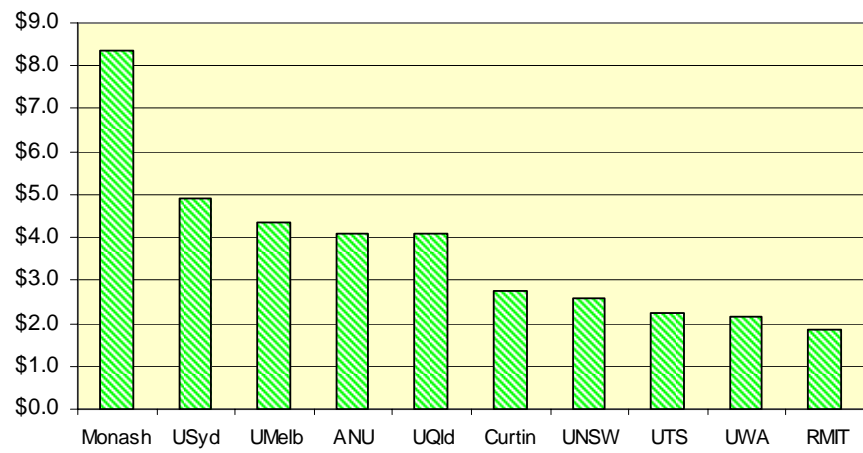
**Top 10 is 73% of total**



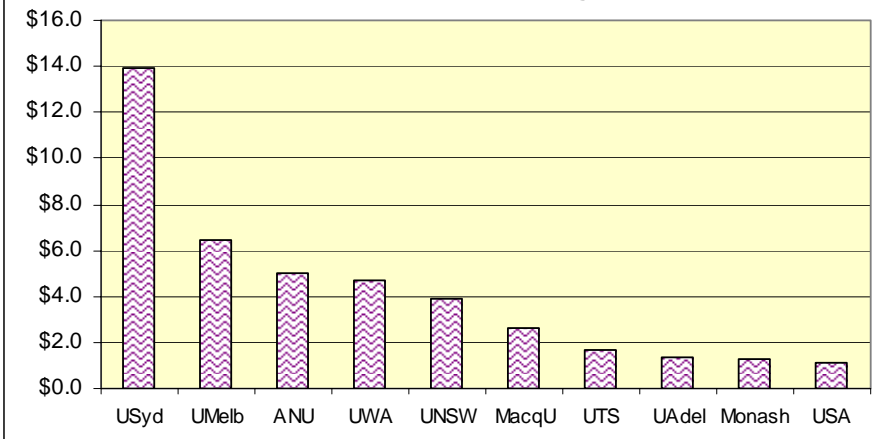
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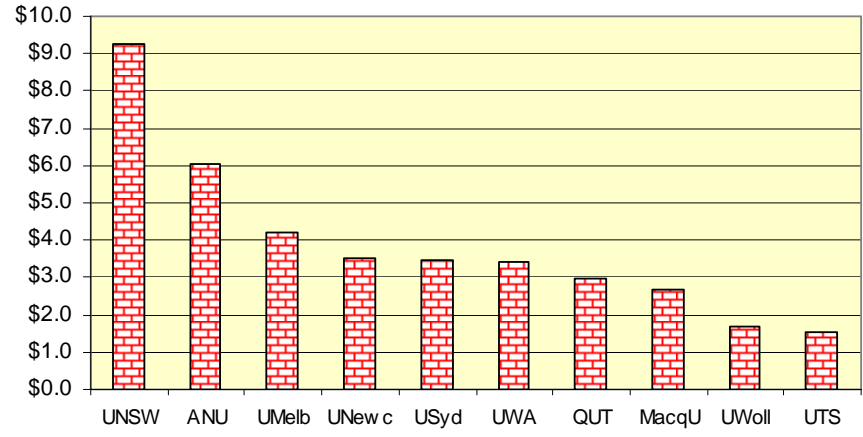
**Artificial Intelligence & Image Processing**



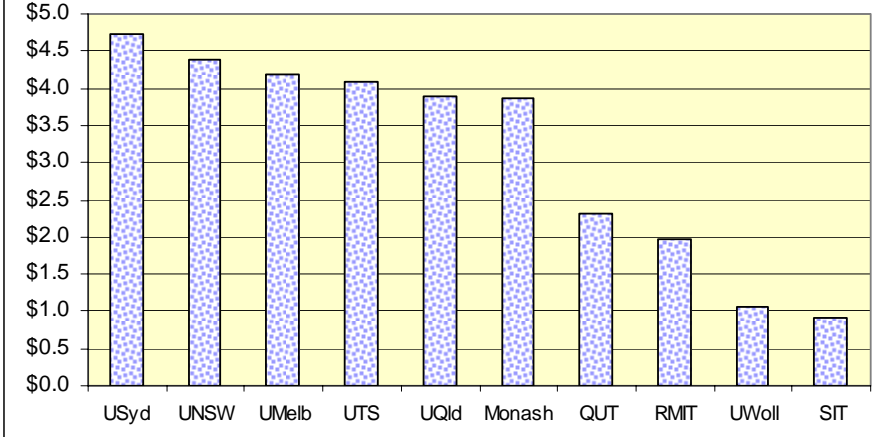
**Communications Technologies**



**Electrical & Electronic Engineering**



**Information Systems**



\*includes DP, LP, FF, LIEF Funding Schemes





# Enhanced Collaboration

## Research and Research Training

- How will this ICT community respond to diversification of the sector ?
  - discriminator - NICTA and other CoEs ?
- Is the ICT community preparing for the ERA era ?
  - significant difference between ISI and SCOPUS
- Are bi-lateral relationships best undertaken ad hoc ?
  - “special” government endorsement/agreement ?
- How can ARC provide (better) appropriate/relevant support ?
  - nationally and internationally

