Opportunities for International Partnerships
Australian Research Council Initiatives

First Sino-Australia
IT Research and Education Summit
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Dr Ian D R Mackinnon
Executive Director, Engineering and Environmental Sciences
Australian Research Council
Co-ordinator: Linkage Projects and Linkage Infrastructure, Equipment and Facilities Schemes
email: ian.mackinnon@arc.gov.au
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

Europe, 39.9%
North America, 29.2%
Southeast Asia, 10.9%
North Asia, 2.5%
Other, 17.6%
ARC Funded Projects
Distribution of International Collaboration
2002-2008

- USA, 23.4%
- UK, 14.7%
- Germany, 8.0%
- Canada, 5.7%
- Japan, 5.1%
- China, 3.5%
- NZ, 3.1%
- Italy, 2.6%
- N’lands, 2.5%
- Other, 25.6%
- Canada, 5.7%
- Germany, 8.0%
- UK, 14.7%
ARC Funded Projects
Predominant Research Fields – International Collaboration
2002-2008

50%
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

*includes DP, LP, FF, LIEF Funding Schemes
ARC Funding
Project-based*
2002-2008

Top 10 is 73% of total

Dollars (millions)

Monash  UQld  UNSW  UMelb  USyd  ANU  UTS  QUT  RMIT  MacqU

*includes DP, LP, FF, LIEF Funding Schemes
ARC Funding
Project-based*
2002-2008

*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