



Australian Government

Department of Industry, Innovation, Science, Research and Tertiary Education

# Australia's Science and Technology Global Engagement

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# Science and Technology Policy Development and Implementation in Australian Government

- Department of Industry, Innovation, Climate Change, Science, Research and Tertiary Education (DIICCSRTE)
- Prime Minister's Science, Engineering and Innovation Council (PMSEIC)
- Australian Research Committee (ARComm)



# Portfolio/Prescribed Agencies Contributing to Science and Research

**Commonwealth  
Scientific and  
Industrial  
Research  
Organisation  
(CSIRO)**

**Chief  
Scientist  
and Office  
of the Chief  
Scientist**

**Australian  
Research  
Council  
(ARC)**

**Australian  
Institute of  
Aboriginal  
and Torres  
Strait Islander  
Studies  
(AIATSIS)**

**Australian  
Institute of  
Marine  
Science  
(AIMS)**

**Australian  
Nuclear  
Science and  
Technology  
Organisation  
(ANSTO)**

**IP  
Australia**



# Australia's Learned Academies

- Australian Academy of Science
- Australian Academy of Technological Sciences and Engineering
- Australian Academy of Social Sciences
- Australian Academy of the Humanities



ACADEMY OF  
THE SOCIAL SCIENCES  
IN AUSTRALIA





# International Collaboration

Australia's economic, social and environmental well-being depends on having a world-class science and research sector that is globally engaged

- Share international knowledge and expertise
- Initiate and develop international research collaborations
- Access world-class infrastructure
- Lead efforts to address global challenges



# Bilateral Science and Technology Agreements

## US

- Joint Commission Steering Committee Meeting on Science and Technology

## Europe

- The Joint Science and Technology Cooperation Committee
- Connecting Australian-European Science and Innovation Excellence (CAESIE)





# Bilateral Science and Technology Agreements

## China

- Australian China Joint-Science and Technology Commission
- Australia-China Science and Research Fund

## India

- Australia-India Strategic Research Fund



# Internationalisation of Programs

- Australian Research Council grants
- Cooperative Research Centers
- R&D Tax Incentive
- Student & researcher exchanges



# Industry Innovation Precincts

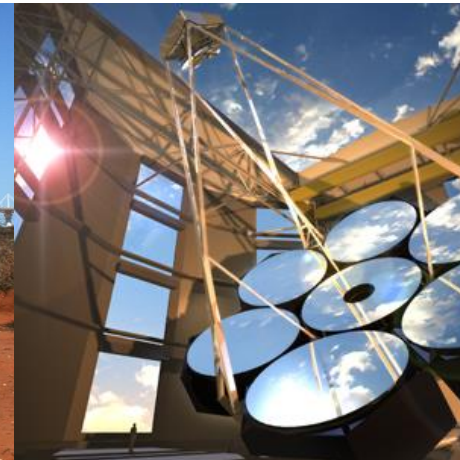
Government will invest \$504.5 million to launch –

- 5 Established Industry Innovation Precincts
- 5 Emerging Industry Innovation Precincts
- Build on partnerships between industry, research organisations, universities and government
- Open for international collaboration



# Global Research Infrastructure

- Giant Magellan Telescope
- Square Kilometre Array





# Research Data Alliance

- Initiated by US, EU and Australian governments
- Promote greater international collaboration for scientists gathering, storing and analysing data across all disciplines
- Integrating and sharing datasets across cultures, scales and technologies
- Tackle the world's greatest scientific challenges



*“Part of Australia continuing to succeed in the rapidly evolving world of science and technology is looking beyond our borders to work cooperatively with colleagues overseas.*”

*Increasing our overseas linkages allows Australians to augment their knowledge and skills to help make Australia even more competitive on a world stage.”*

Professor Brian P Schmidt FAA  
Joint winner 2011 Nobel Prize in Physics



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| [innovation.gov.au](http://innovation.gov.au) |

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