

RESEARCH in the national interest - enabling the future

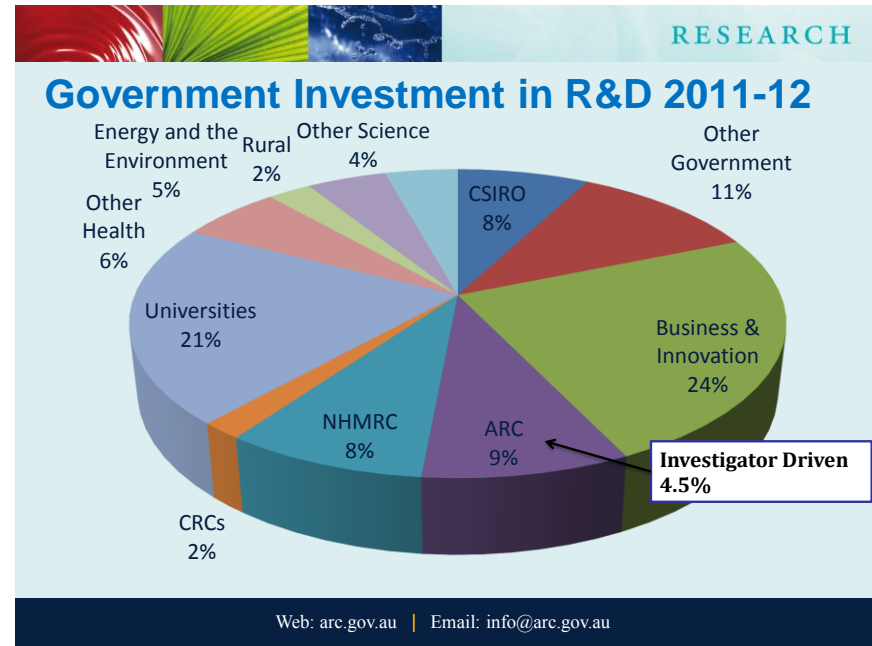


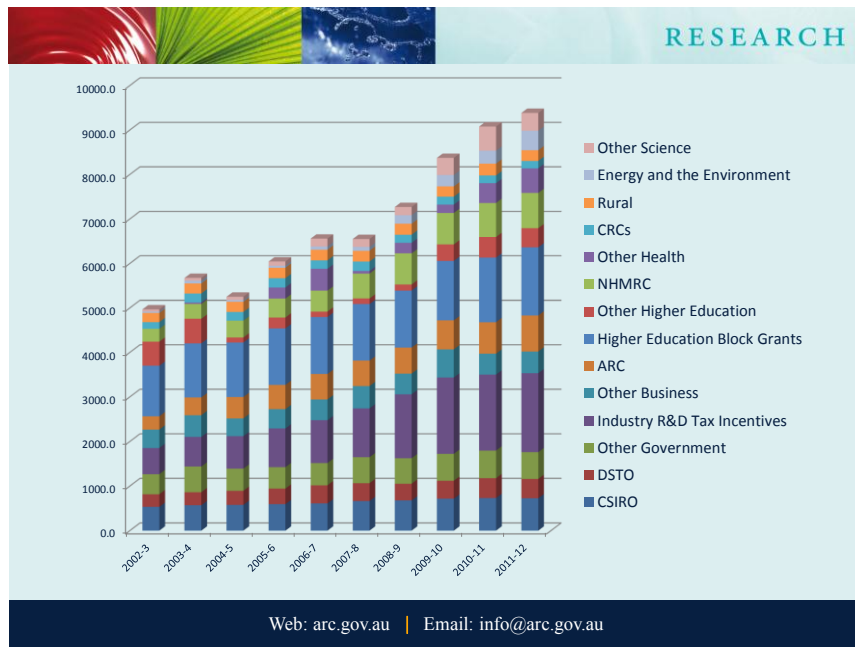
Australian Government
Australian Research Council

CHEMECA Industry Plenary Session Sydney, 20 September 2011

Professor Margaret Sheil
CEO, Australian Research Council

Research





RESEARCH

The ARC

- National Competitive Grants Program**
\$810M in 11-12
- Discovery & Fellowships**
\$502 M
- Linkage & Centres**
\$308 M
- Evaluation and Policy**
- Excellence in Research for Australia**

- Statutory Agency established 2001
- Mission: *to deliver policy and programs that advance Australian research and innovation globally and benefit the community*
- Fund direct costs to Universities and partners
- All disciplines except clinical medicine & dentistry

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The Australian Government's agenda

- Competing in an international landscape and preparing industries for challenges of the future
- Minister Carr wants *universities and research agencies to be more responsive to the communities that sustain them. Their partnerships with industry are the key to the businesses and jobs of the new Australia*



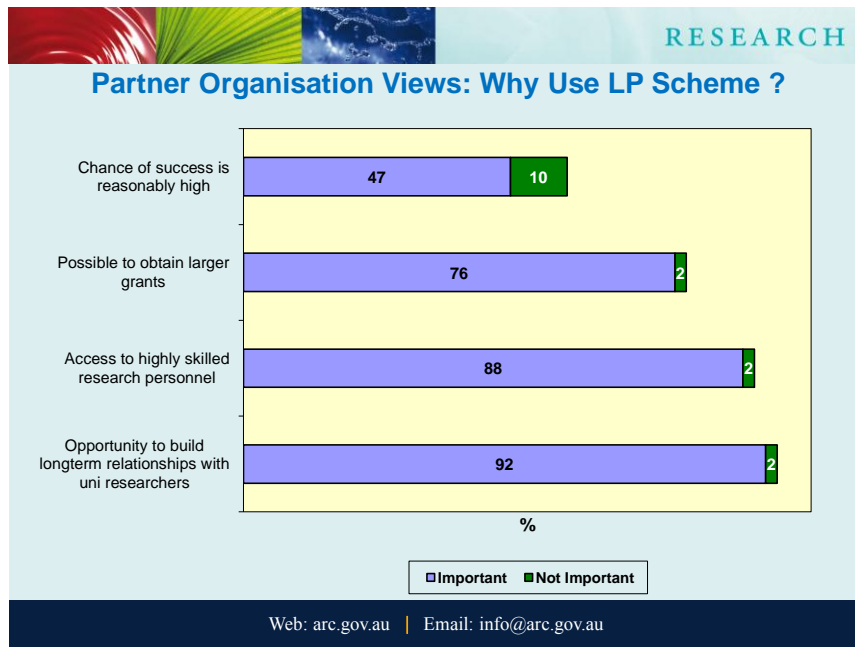
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GRANTS

Linkage Projects - Objectives

- development of strategic research alliances between higher education organisations and other organisations, including industry and end-users
- production of pool of world-class researchers to meet the needs of the Australian innovation system

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- RESEARCH
- ### Examples of Partner Organisations
- | | | |
|--|---|--|
| Alcoa
BAE Systems Australia
BHP Billiton Ltd
BlueScope Steel Ltd
Brisbane City Council
CSL Limited
GlaxoSmithKline Aust Pty Ltd
Hydro Tasmania
Rio Tinto Ltd
Telstra Corp Ltd

Bartlett Grain Pty Ltd
Gold Coast City Council
Lastek Pty Ltd
Leica Geosystems
Micronisers Pty Ltd
National Australia Bank Ltd
Native Seeds Pty Ltd
Orica Australia Pty Ltd
Ridley Aqua-Feeds Ltd
Ronin Films
Saltgrow Pty Ltd
Santos Ltd
Sialon Ceramics Pty Ltd
Suncorp General Insurance
Tissue Therapies Ltd
Ulan Coal Mines Ltd
Williams Boag Architects
Wind Prospect Pty Ltd | Newcrest
Dupont-Pioneer
Kaltim Prima Coal
Microsoft Pty Ltd
Optus Networks Pty Ltd
Sprint Advanced Technology Labs
Yokogawa Electric Corp
Aged Care Queensland Inc
Agricultural Producers Commission
AIDS Council of NSW
Australian Football League
Australian Macadamia Society
Australian Institute of Sport
Brotherhood of St. Laurence
Delfin Lend Lease
Diabetes Australia
Electoral Council of Australia
Flora Hill Secondary College
Forestry TAS
Greening Australia Ltd
Illawarra Retirement Trust
Lifeline Australia Inc
Linux Australia Inc
Macquarie Library Pty Ltd
McDonalds Australia Ltd
National Heart Foundation
Neporendi Aboriginal Forum Inc
Oxfam Australia
QLD Health | Australian Museum
Barwon Health
Bawanninga Aboriginal Corp
Bouliia State School
Bureau of Sugar Experiment Stations Ltd
Central Darling Shire Council
City of Greater Geelong
City of Rockingham
WA Dept of Environment
Geological Survey of VIC
Gippsland Coastal Board
Goulburn Murray Water
Healthy Waterways
Hunter Water Corp
Legal Aid QLD
Maribyrnong City Council
Midland Redevelopment Auth
Museum VIC
NSW Fisheries
NSW Police
Perth Zoo
Powerhouse Museum
Royal Flying Doctor Service
St Vincent de Paul Society
SA Museum
Timbercorp Ltd
Unions WA
VIC Dept of Education
Westmead Hospital |
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Other options for funding research collaboration

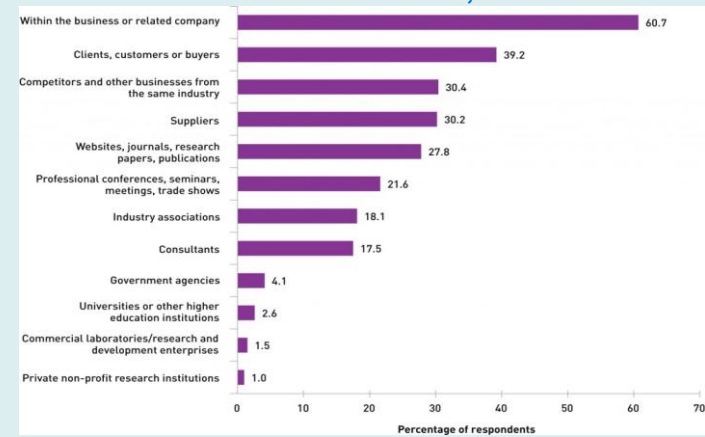
- Direct engagement
 - Consultancy
 - Contract research

- Co-operative Research Centres
<https://www.crc.gov.au>

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Chart 4.1: Sources of ideas or information for innovation-active Australian firms, 2008–09



Australian Innovation System report 2011 chapter 4

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Fostering effective partnerships

- balancing short term issues with longer term strategy
- identifying the right researchers
- putting together the most effective teams
- intellectual property up front
- cooperation between institutions and funding agencies

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Improved approaches

- Longer, more sustained partnerships
- Improving the prestige associated with industry collaboration within universities
- More industry involvement in assessment and project selection and review
- Research training embedded within industry
- International leverage (R&D tax credit)

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