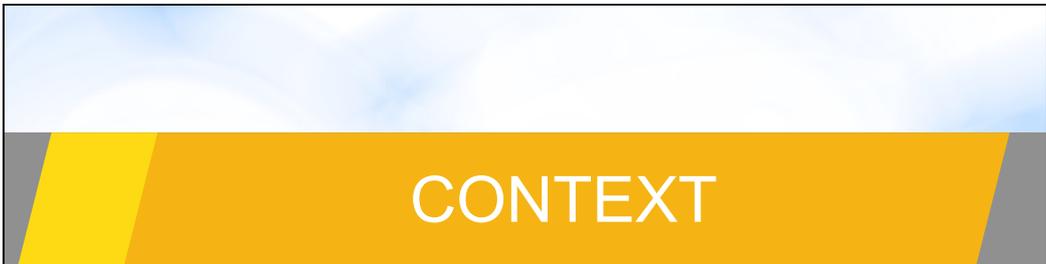




**The Employment Landscape :
View from a Growth Centre**
Bronwyn Evans
December 2015



CONTEXT



Alignment with Industry Innovation & Competitiveness Agenda 2014

Ambitions



A lower cost business friendly environment



A more skilled labour force



Better Economic infrastructure



Industry policy that fosters innovation & entrepreneurship

Actions

- Establish Industry Growth Centres
- Improve the tax treatment of Employee Share Schemes
- Boost commercial returns from research
- Crowd sourced equity framework
- Small business engagement principles

Alignment with National Innovation & Science Agenda 2015

Boosting Innovation & Science in 4 key areas



Culture & Capital



Collaboration



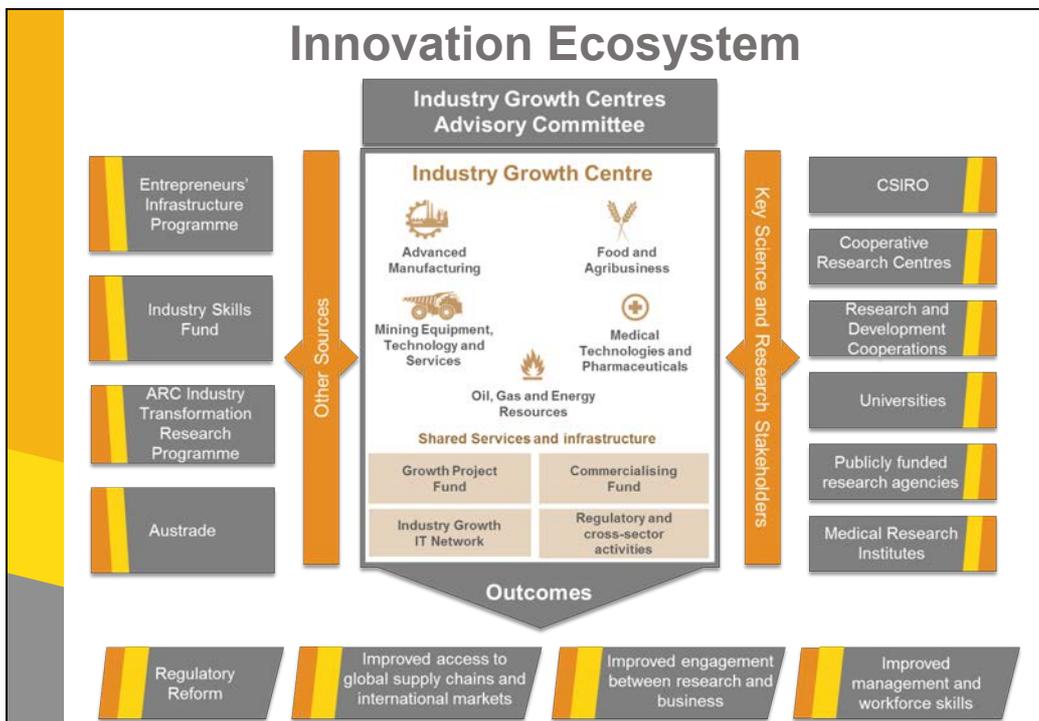
Talent & Skills



Government as an exemplar

Actions

- Co-investing to commercialise promising ideas (Biomed Translation fund)
- Invest over the long term in critical, world-leading research infrastructure
- Attract more entrepreneurial & research talent
- Easier for startups & innovative small businesses to sell to govt





Collaboration

Collaboration is about our brightest minds in research & business working together

Talent & Skills



Our education system must equip students to be successful entrepreneurs, hold a diverse number of jobs or work across a number of industries

Malcolm Turnbull with biotechnologist Tara Sutherland, CSIRO's David Thodey and Christopher Lyne. PHOTO: ALEX ELLINGHAUSEN

PM to force universities to build business links

Tim Dodd

Universities will be forced to build closer links with business if they are to reap an extra \$127 million in research grants outlined in the government's innovation statement.

Prime Minister Malcolm Turnbull decried the poor collaboration between university researchers and business, which the OECD says is worse in Australia than all other developed countries.

"What we are doing is ensuring that one of the key criteria for ensuring support, getting that next research grant, is engaging with and co-operating with business and industry," he said on Monday.

Mr Turnbull said universities had to get past the "publish or perish" approach that led them to do research

Science programs get 10 years' guaranteed funding

Australia's peak scientific programs and bodies, including the once-endangered National Collaborative Research Infrastructure Scheme, have been guaranteed funding for at least the next decade, in a move the scientific community has hailed as unprecedented.

The Turnbull government's innovation statement allocates about \$3 billion to new and existing bodies over the next 10 years, of which \$1.5 billion will go to NCRIS and the 1700 scientists it supports.

Less than a year ago, the government was threatening to axe NCRIS because its ongoing funding was contingent on savings from changes to higher education funding, including the introduction of university fees, which

problems in attracting and retaining talent.

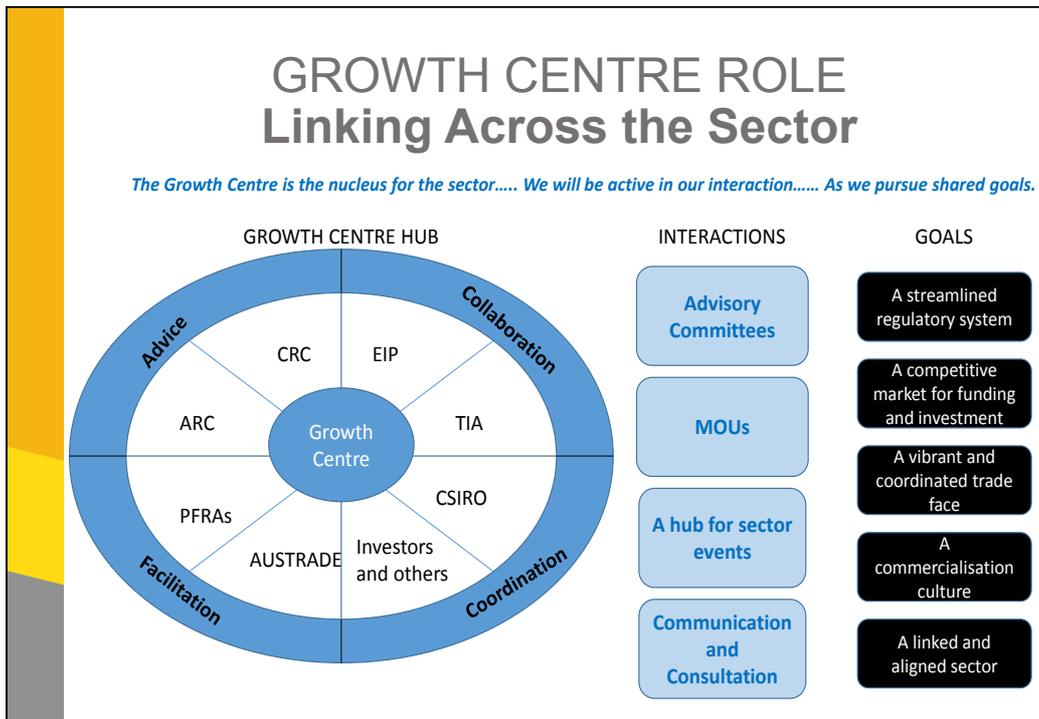
Also over the next 10 years, there will be a \$200 million CSIRO Innovation Fund established to co-invest in new spin-off companies and existing start-ups that develop technology from the CSIRO and other public research agencies and universities. There will be a \$250 million Biomedical Translation Fund to co-invest with the private sector to commercialise medical research.

The Australian Synchrotron will receive \$520 million and the Square Kilometre Array telescope \$294 million.

As revealed last month by *The Australian Financial Review*, the Turnbull government will also restore funding to Australia's flagship information technology research

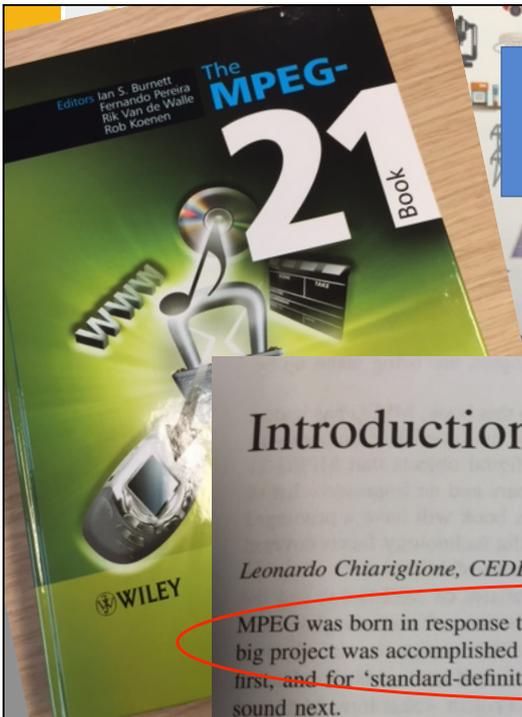


	Reg Reform	Funding & Invest	Access Global Markets	Commercialisation Culture	Link and Align the Sector	COMPETITIVENESS AGENDA
SMEs						
GMN						Aggregate
Industry Assoc						Educate
Unis						Agitate
CRCs						Collaborate
Consultants						Facilitate
Investors						Coordinate
Federal & State Govts						Debate



Work Integrated learning

- 
National network of leaders in science
- 
95% students go into industry
- 
Engineering does WIL very well



A WIL opportunity from the world of standards

Introduction to MPEG-21

Leonardo Chiariglione, CEDEO.net

MPEG was born in response to the industry needs for a digital television standard. The big project was accomplished in two steps, for 'low-resolution' pictures with stereo sound first, and for 'standard-definition' and even 'high-definition' pictures with multi-channel sound next.



- Explicit models for industry engagement
- Clear point of contact & pathways for industry engagement
- Coordinated senior leadership
- Processes for embedding WIL in course structures
- Recognition & credit for WIL

