

Business Innovation & Incubation National Forum 2016 : Adelaide



16th May 2016

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RAI FORTHCOMING [IN]SIGHT PAPER

*Innovation in Regional Australia
Spreading the Ideas Boom*

Regional Australia Institute in
partnership with Bendigo Bank



 **Bendigo Bank**
Bigger than a bank

 REGIONAL
AUSTRALIA
INSTITUTE

**FOR THE
GOOD
OF AUSTRALIA**



INSIGHT

Australia's regional competitiveness index




THEMES OF COMPETITIVENESS

| | | | | |
|--|---|--|--|--|
|  <p>ECONOMIC FUNDAMENTALS</p> |  <p>LABOUR MARKET EFFICIENCY</p> |  <p>BUSINESS SOPHISTICATION</p> |  <p>HUMAN CAPITAL</p> |  <p>INFRASTRUCTURE & ESSENTIAL SERVICES</p> |
|  <p>INSTITUTIONAL FOUNDATIONS</p> |  <p>INNOVATION</p> |  <p>TECHNOLOGICAL READINESS</p> |  <p>DEMOGRAPHY</p> |  <p>NATURAL RESOURCES</p> |




INNOVATION OLD AND NEW

"Innovation doesn't happen in a vacuum. You're never alone. No one has the key just by himself."

Rogier van der Heide, Chief Design Officer of Philips Lighting



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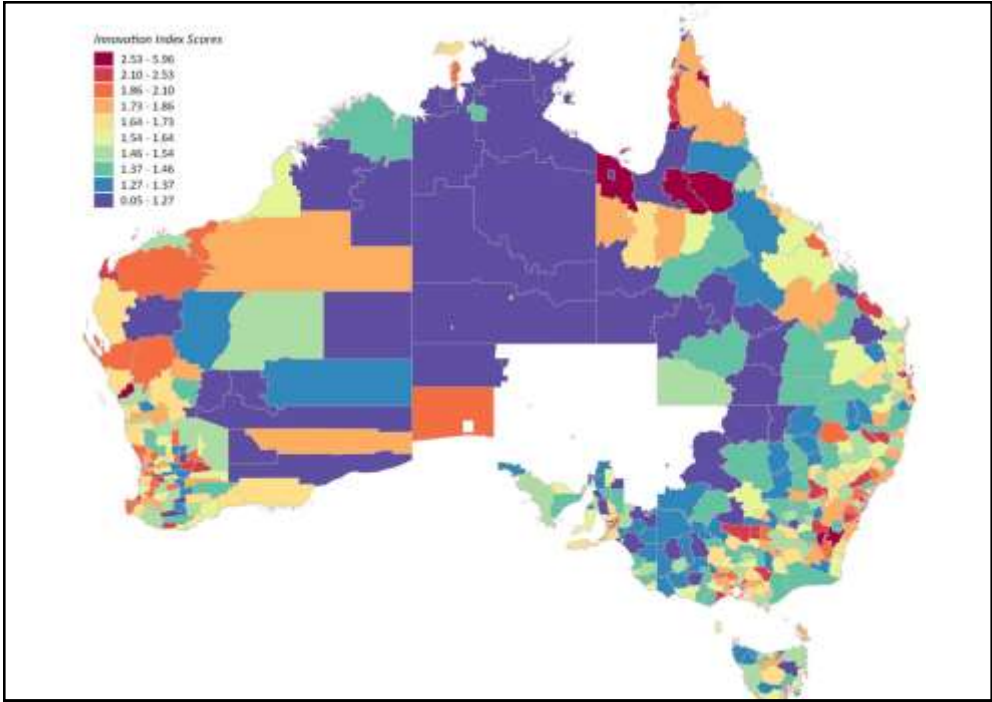
MAPPING INNOVATION

New School or Old School?

| R&D and Science | Business Dynamo |
|--|--|
| Human resources in science and engineering (share in labour force) | New business entries as a proportion of total businesses, 2010-2014 |
| Research & development managers (share in labour force) | Owner-managers as a proportion of total employed persons |
| Registered research services providers | Trademark applications, average annual per 10,000 working age population |
| Patent applications (2003-13 per 10,000 working age population) | Knowledge-intensive business services, employees per 10,000 working age population |



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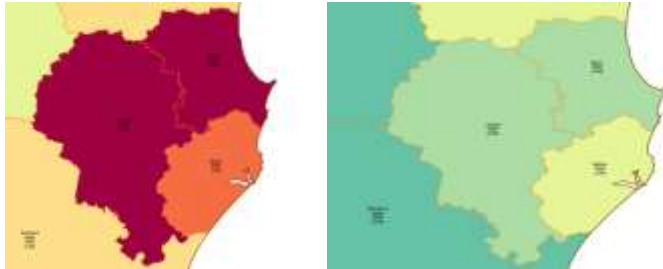


Warrnambool



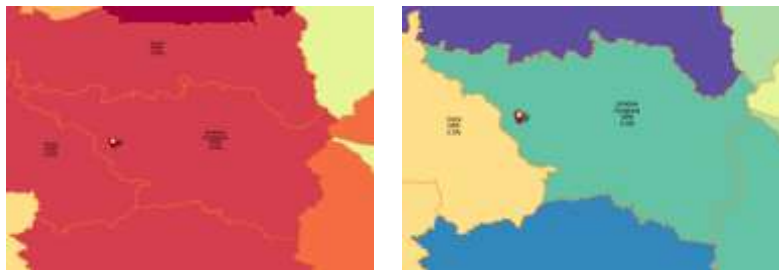
Trademark applications (left); Science and engineering jobs (right)

Byron, Ballina and Lismore



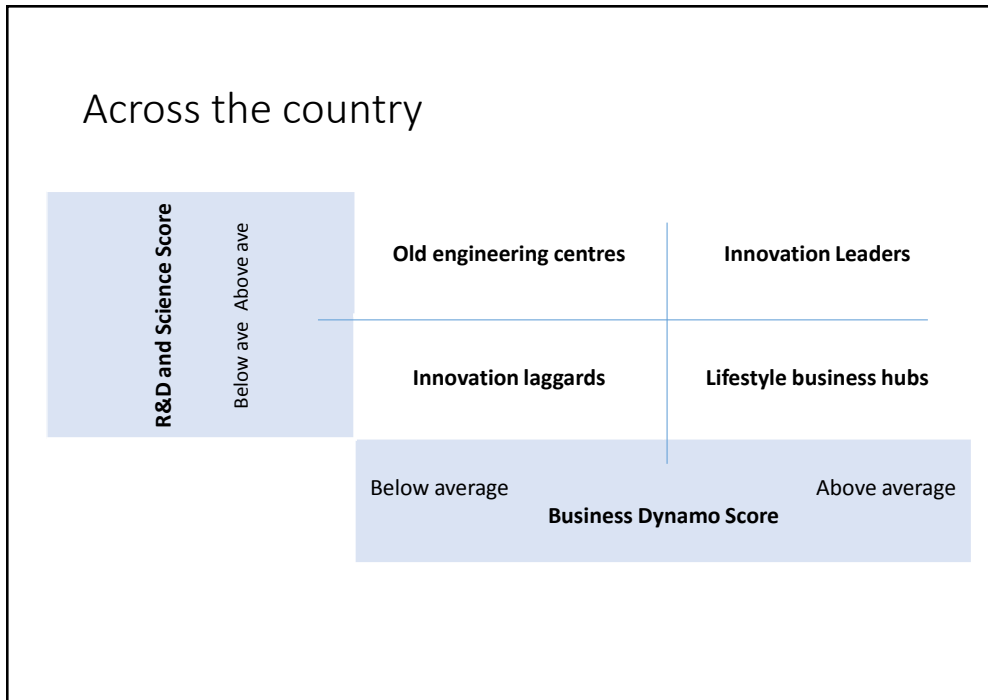
Trademarks (left); Science and Engineering (right)

Armidale Dumaresq



Patents and presence of Research Service provider (left); New Business entries (right)

Across the country



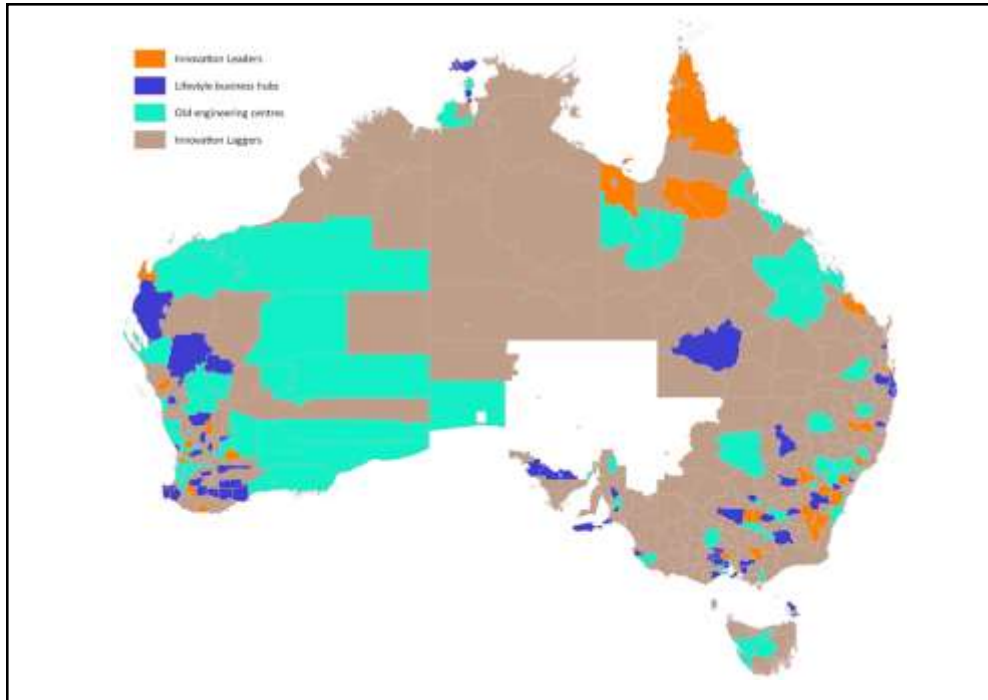
ACROSS THE COUNTRY

49 'Innovation Leaders' are places like Hobart (Tas), Palerang and Yass Valley (NSW/ACT), Queenscliffe (Vic), Toodyay (WA) and Darwin.

77 'Old Engineering Centres' are largely a mix of longstanding mining and minerals processing areas like Whyalla (SA), Mt Isa (Qld), Muswellbrook and Singleton (NSW Hunter Valley) and new mining hotspots like Karratha (WA), Pilbara (WA), Weipa (NT) and Roxby Downs (SA).

110 'Lifestyle Business Hubs' gets its name from the many places in it with strong lifestyle features like Byron in NSW, Surf Coast and Hepburn (Vic), Gold and Sunshine Coasts (Qld), and Claire Valley and Victor Harbour (SA) and Busselton (WA), along with regional entrepreneurial centres like Griffith (NSW), and Ballarat (Vic).

195 'Innovation Laggards' include a large number of low population agricultural and remote LGAs, as well as larger population LGAs founded on heavy industry such as Burnie and Glenorchy (Tas), Port Pirie (SA), Broken Hill (NSW) and Benalla (Vic).



IMPLICATIONS FOR NATIONAL INNOVATION AND SCIENCE AGENDA

- NISA embraces old and new innovation drivers
 - But funds old school environments
- Incubator funding
 - Most existing incubators in cities
 - New incubators need to demonstrate a connection with university/large corporate R&D
- *Innovation Connections* for larger firms (\$750k+)
 - Excludes Regional Online Heroes competition winners
- Expand the 'surface area of luck' (Jason Roberts, Techzing podcast)
 - RAI's next research focus

Launching in June

Data for every LGA

Data for every RDA region



[http://www.regionalaustralia.org.au/
home/tools-and-products/insight/](http://www.regionalaustralia.org.au/home/tools-and-products/insight/)



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