



AIEC 2015

Brazil in Focus
a University perspective

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- Shared similarities and challenges
- Strengthening of relationships fostered through growth of Brazilian students in Australia
- Strategic research activities
- Other opportunities for collaboration





Resource rich, highly urbanised nations – what can we learn from each other?

Large exporters: Agriculture & mining

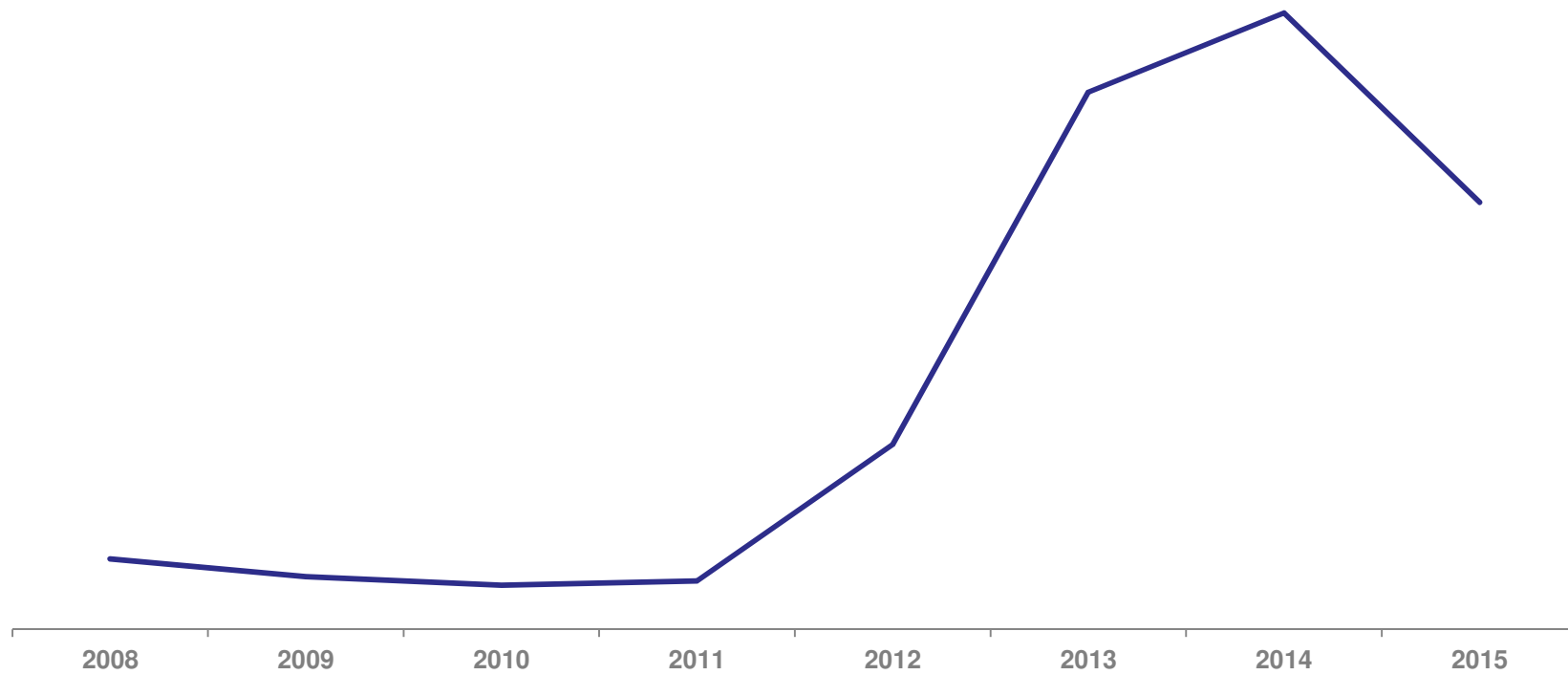
China - largest trading partner

Great diversity in geography and climate





Brazilian Commencing Students at The University of Melbourne





Commencing Student Enrolments, Brazilian Citizenship

	2011	2012	2013	2014	2015
Undergraduate	3	34	116	132	87
Postgraduate Coursework	5	5	3	4	5
Research Higher Degree	3	3	3	4	5
Total	11	42	122	140	97

Outbound Mobility – Destination Brazil

	2011	2012	2013	2014
Students	2	5	8	9



Fostering health and well being

- Building the scale and depth of our capabilities in population and global health
- Harnessing our contribution to the 'convergence revolution' of biomedical and health research
- Bringing together the life sciences, engineering and the physical sciences
- Addressing the physical, mental and social aspects of wellbeing by looking beyond the traditional boundaries of biomedicine

Supporting sustainability and resilience

- Critical issues of climate change, water and food security, sustainable energy, and designing resilient cities and regions
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- Improving living conditions of the poor
 - Improving access and quality of public services such as health care and urban transportation
 - Sustainable use of natural resources
 - Greater commitment to use of renewable energy sources
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Research at Melbourne



Recognises that Brazil and its institutions are well placed to play significant regional and global roles in the further development of global higher education, research and innovation

- Brazil is one of five priority countries for research collaboration
 - Currently 21 research linkages and 31 institutional collaborations
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9 projects since 2013 (current and completed)

Total funding > \$600,000

Disciplines

Sciences; Health; Veterinary and Agricultural Sciences;
Engineering

Collaborators

University of Sao Paulo

University of Campinas

Sao Paulo State University

Universidade Federal de Pelotas

National Institute of Amazonian Research



Examples

Crop and Livestock systems and climate variability

Southern Hemisphere Water Productivity

Paediatric oral health

Global Disaster Management

Brazil/Australian Research Network on Smarter Societies and Urban Connectedness

An interdisciplinary “think-tank” between UM researchers; University of Sao Paulo, IBM Brazil and Australia.

Develop a shared research capability in cutting-edge urban research

Encourages innovation and entrepreneurship in urban development



Fundação de Amparo à Pesquisa do Estado de São Paulo (FAPESP)

The University of Melbourne was the first Australian university to partner with FAPESP (2013)

Uni. of Melb. and FAPESP will contribute up to \$AUD100,000 each per year for 5 years to support funding of collaborative activities

Project examples

Marine genomics

Parasitic immunology

Achieving sustainable food production and irrigation in São Paulo



Opportunities to strengthen linkages and facilitate partnerships

Melbourne Latin American Dialogue 2012

Australia Latin America Dialogue 2013

Melbourne-Latin American Symposium 2014

Education Mission to Latin America 2015

Australia Award Fellowships Latin America Program 2015

Melbourne – Latin America
Education Symposium

Melbourne, Victoria, Australia
10 – 14 March 2014



Education
Mission to Latin
America

Strengthening relationships with Latin
America through collaborative education
opportunities.



Australia Awards

Australia Awards

Australia Awards are prestigious international scholarships and fellowships funded by the Australian Government offering the next generation of global leaders an opportunity to undertake study, research and professional development.





- A multi-institutional, multidisciplinary research centre with hubs in Brazil and Australia
- Broad, academic-led network of university, government, private and community sector partners
- Collective purpose is to improve future urban outcomes in “Southern Cities”

“While many of the urban issues faced...bare similarities, the solutions applied vary considerably. Herein lies an opportunity for comparative study to understand complex urban issues”



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