



BRAZIL-AUSTRALIA EDUCATION, RESEARCH AND TRAINING COOPERATION BEYOND SWB



aiec | **australian international
education conference**
2015 | www.aiec.idp.com | **6-9 October 2015**
Adelaide Convention Centre
international education: global responsible sustainable

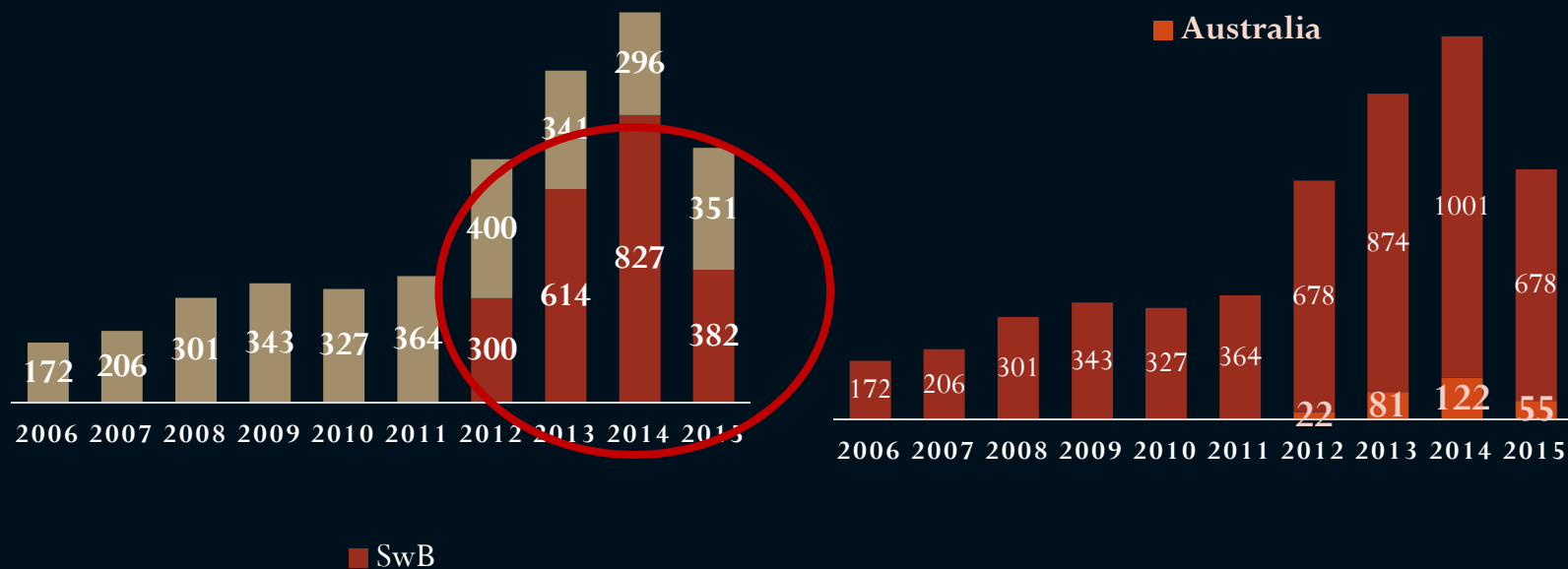
Science without Borders - SwB

Undergraduate

- Created in 2011
- 101,000 grants awarded
- 68,862 undergraduate grants
 - Specific areas of study (STEM + health)
 - 6,007 grantees went to Australia (~9%)
- 2,335 grantees from Unicamp
 - 200 grantees went to Australia (~9%)

International Mobility Undergraduate Students – Unicamp

Outbound students

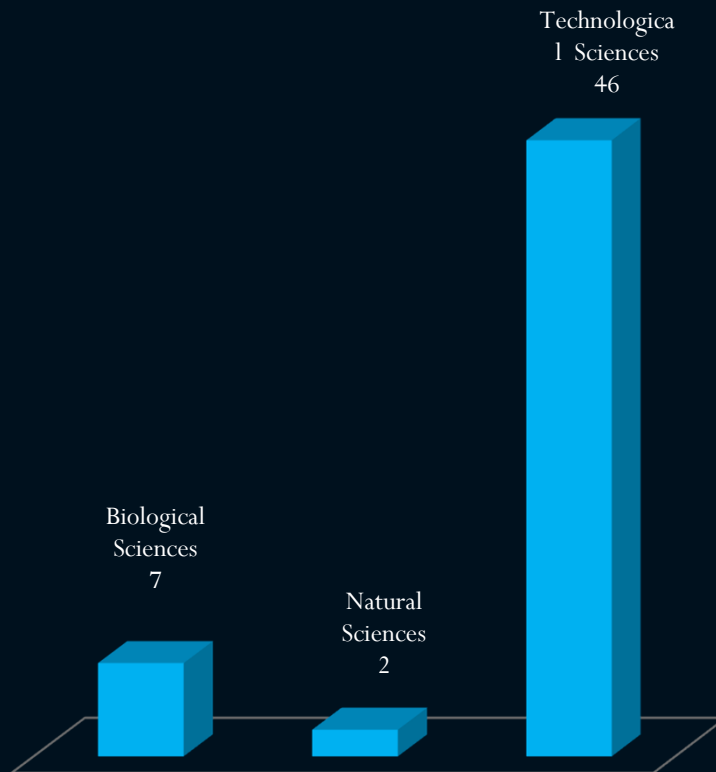


Other Programs: mainly bilateral agreements
Includes double degrees with France and Italy

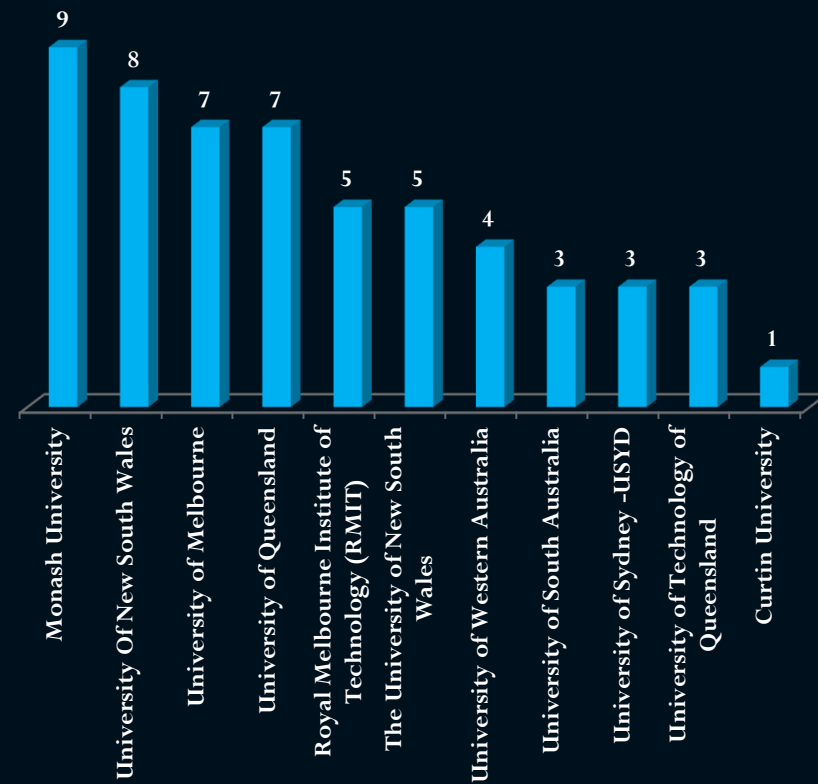
Source: DAC and VRERI. Includes students departing in October and November 2015

UNICAMP STUDENTS IN AUSTRALIA 2015

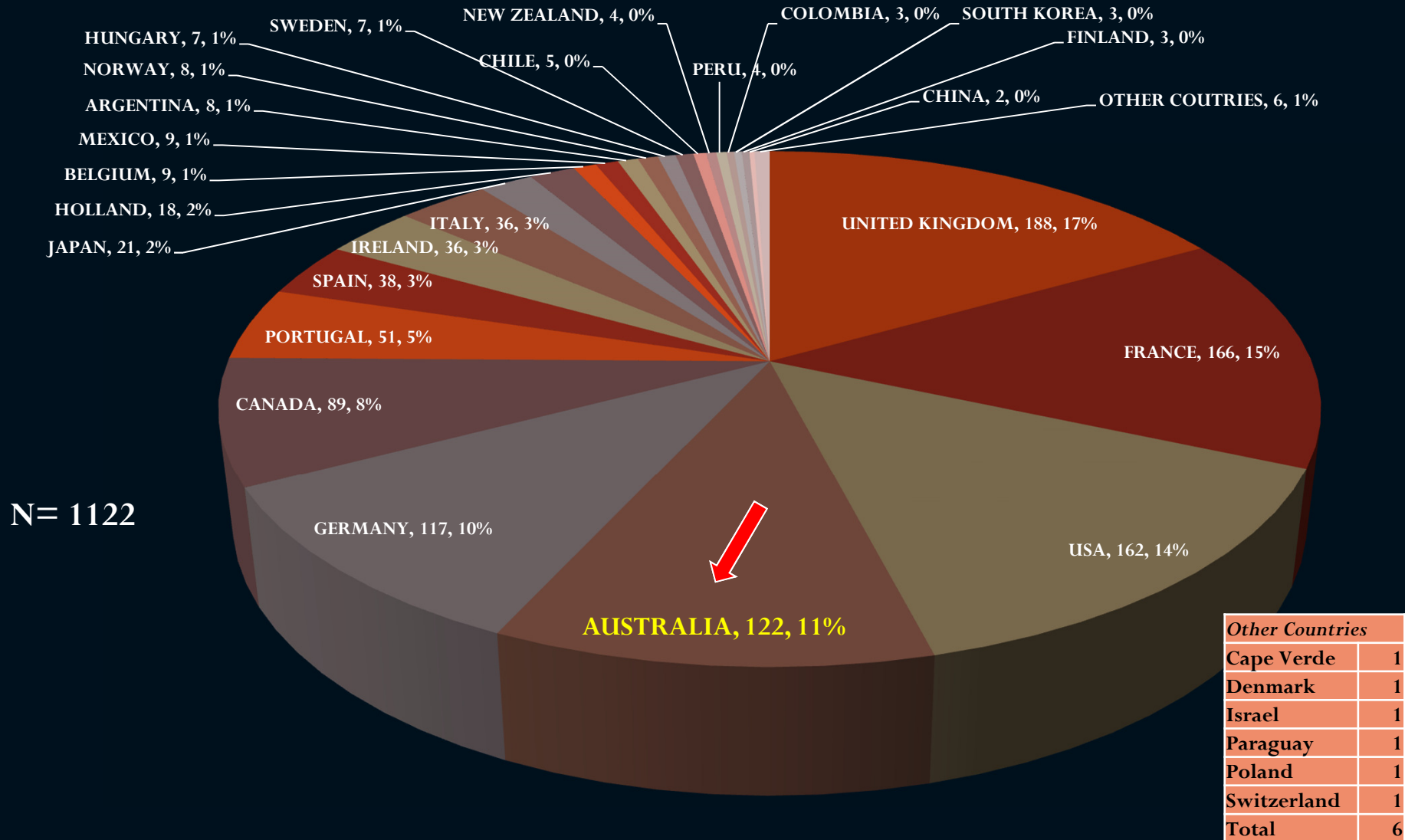
Areas



Destinations

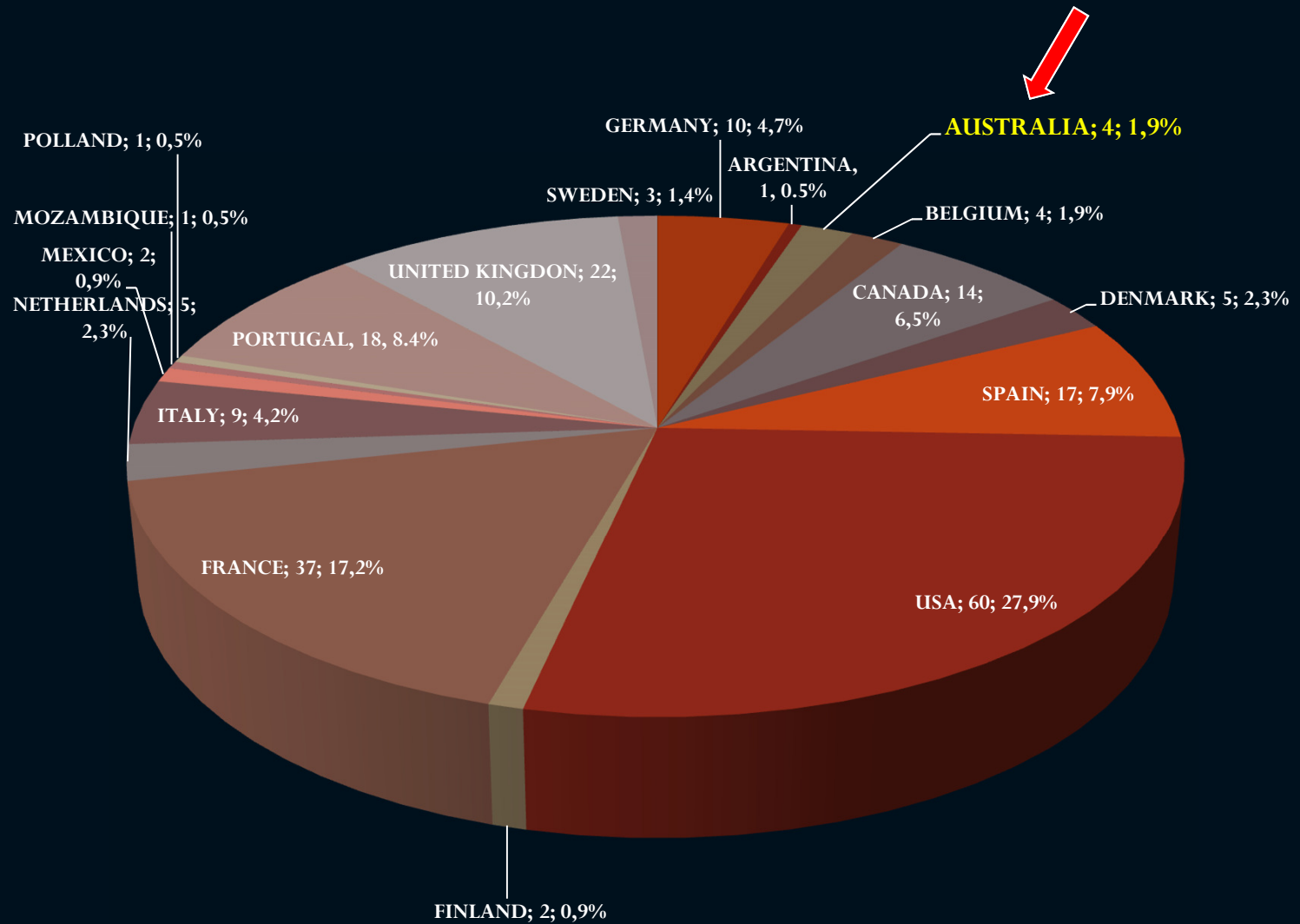


OUTBOUND UNDERGRADUATE MOBILITY - 2014



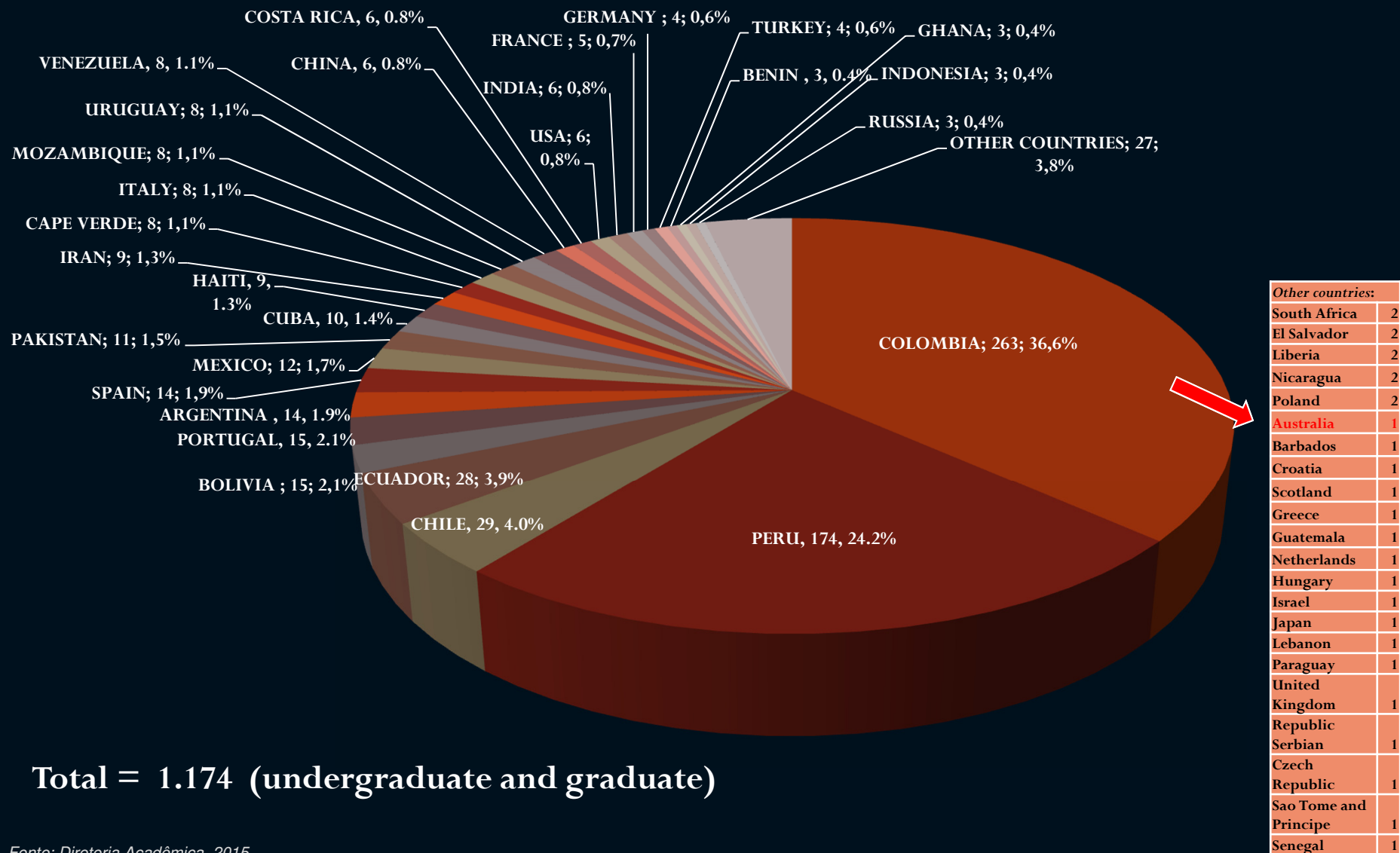
Source: AEPLAN/Anuário de Pesquisa, 2014

OUTBOUND GRADUATE MOBILITY SANDWICH PHD PROGRAMS - 2014



N – 215

TOTAL INBOUND MOBILITY UNDERGRADUATE AND GRADUATE - 2014



UNICAMP AND THE RANKINGS



Quacquarelli Symonds (QS)

- 195th on the 2015/2016 World University Ranking.
- 15th on the 2014/15 list of the world's top 50 universities under 50 years old.

- Among the top 50 in:
 - Dentistry (17th in the world)
 - Electrical Engineering (47th in the world)
- Among the top 100 in 16 subjects
- Among the top 200 in 24 subjects
- 1st in Brazil:
 - Chemical Engineering
 - Chemistry
 - Computer Science
 - Electrical Engineering
 - Mechanical Engineering
 - History
 - Linguistics
 - Mathematics
 - Environmental Sciences
 - Modern Languages
 - Sociology



Times Higher Education (THE)

- 42th on the 2014/2015 list of the world's top 100 universities under 50 years old.
- 27th on the 2014/2015 list of the top 100 universities from the BRICS.

Innovation at Unicamp



▪ Intellectual Property

935

Patents filed
in Brazil

77

Patents filed in
2014

12

PCTs (2014)

▪ Licensing agreements

60

Active licenses

110

Prospected
companies
(2014)

11

Licenses
signed (2014)

Science & Technology Park



Unicamp's Top Research Areas and Potential Australian Partners - 1

Applied Linguistics: **US**

Applied Mathematics: **QUT**

Chemical Engineering: **UQ**

Chemistry: **QUT**

Computer Science: **QUT, UQ**

Demography: **ANU**

Dentistry, Dental Materials: **US**

Ecology: **QUT, UQ, UWA**

Economic Science: **US**

Electrical Engineering: **QUT**

Food Sciences & Technology : **UQ**

Genetics and Molecular Biology: **UQ**

Geosciences: **UWA**

History: **US**

Based on similar areas of excellence and strength between potential BR and AU university partners

Unicamp's Top Research Areas and Potential Australian Partners - 2

Linguistics: **US**

Literary Theory: **UQ, UWA**

Mathematics: **QUT**

Mechanical Engineering: **QUT, UWA**

Molecular & Functional Biology: **UWA**

Obstetrics and Gynecology: **UWA**

Oral Pathology: **US**

Philosophy: **US**

Physics: **UQ**

Physiopathology: **UWA**

Science and Technology Policy: **UTS**

Social Anthropology: **UQ**

Sociology: **UQ**

Structural, Cell & Vegetal Biology: **UWA**

Based on similar areas of excellence and strength between potential BR and AU university partners

Unicamp MOUs with Australian Universities

Signed:

- Monash University
- Swinburne University of Technology
- University of Western Australia
- University of Technology Sydney

In progress:

- Curtin University
- Griffith University
- La Trobe University
- Southern Cross University
- Victoria University
- University of New South Wales
- University of Queensland
- University of Western Australia

BRAZIL – AUSTRALIA PARTNERSHIP

LOOKING AT POSSIBILITIES BEYOND SWB

- **Promote joint research workshops between BR and AU universities**
- **Foster research partnerships by matching expertise and expectations**
- **Establish joint supervision and joint degrees (PhD level) between matched university partners**
- **Develop partnerships between BR and AU universities with successful examples of interactions with industry driving innovation initiatives**

UNICAMP'S CALLS 2016

OUTBOUND MOBILITY

Program	Funding	Participants	Possibilities
<ul style="list-style-type: none"> ▪ GLOBAL COOPERATION ▪ BRICS COOPERATION ▪ AGROPOLO CAMPINAS ▪ HUMANITIES without BORDERS 	UNICAMP	Outbound Faculty and Students	<ul style="list-style-type: none"> • Double Degree • Cotutelle • Foreign Students • Publication with foreign co-authors • PhD Sandwich
STAFF MOBILITY	SANTANDER	Outbound Administrative Staff	<ul style="list-style-type: none"> • Improve skills in other languages • Good practice • Training and qualify the staff
INTERNATIONALIZATION OF TECH HIGH SCHOOLS	SANTANDER	Outbound Faculty and Students	<ul style="list-style-type: none"> • Promote new partnerships • Get International Experience • Encourage Improvement in Language

UNICAMP'S CALLS 2016

INBOUND MOBILITY

Programs	Funding	Public	Aims
INTERNATIONAL RESEARCH PARTNERSHIPS	UNICAMP	Inbound Graduate Students and Faculty	<ul style="list-style-type: none"> • Attract new foreign students • Cotutelle • New networks • Publication with foreign co-authors
INTENSIVE COURSES	UNICAMP	Inbound Faculty and Researchers	<ul style="list-style-type: none"> • “Internationalization of the Campuses” • Attract new foreign students • More visibility for graduate courses • Scientific publications with foreign partners • Foreign partnerships for research • Increase the offer of “Summer Courses”
KNOWLEDGE DISSEMINATION	UNICAMP	Online courses Unicamp Faculty with or without foreign partners	<ul style="list-style-type: none"> • Increase Unicamp’s international exposure • MOOCs



UNICAMP

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