



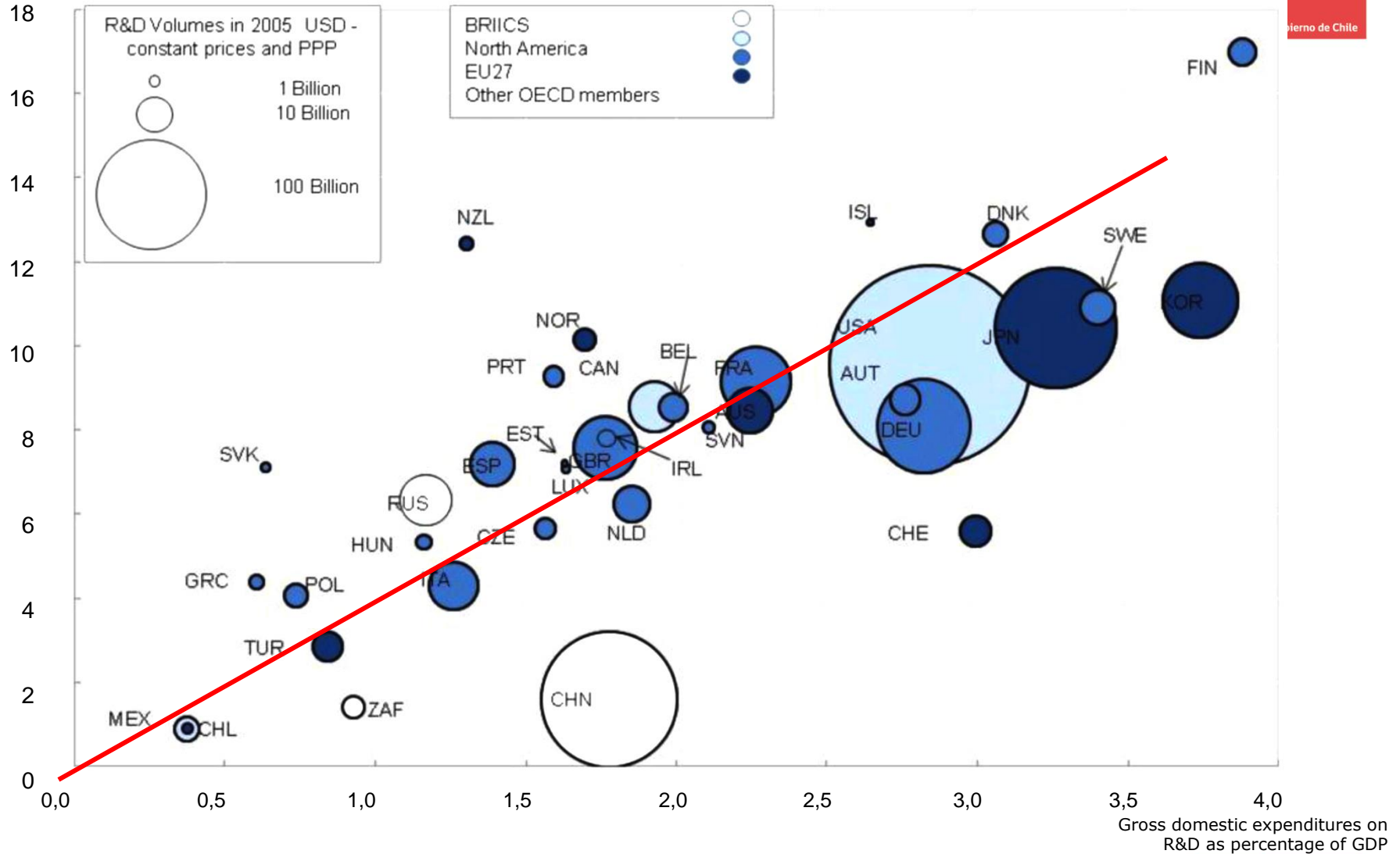
# National Commission for Scientific and Technological Research

## Opportunities for International Cooperation with Great Britain

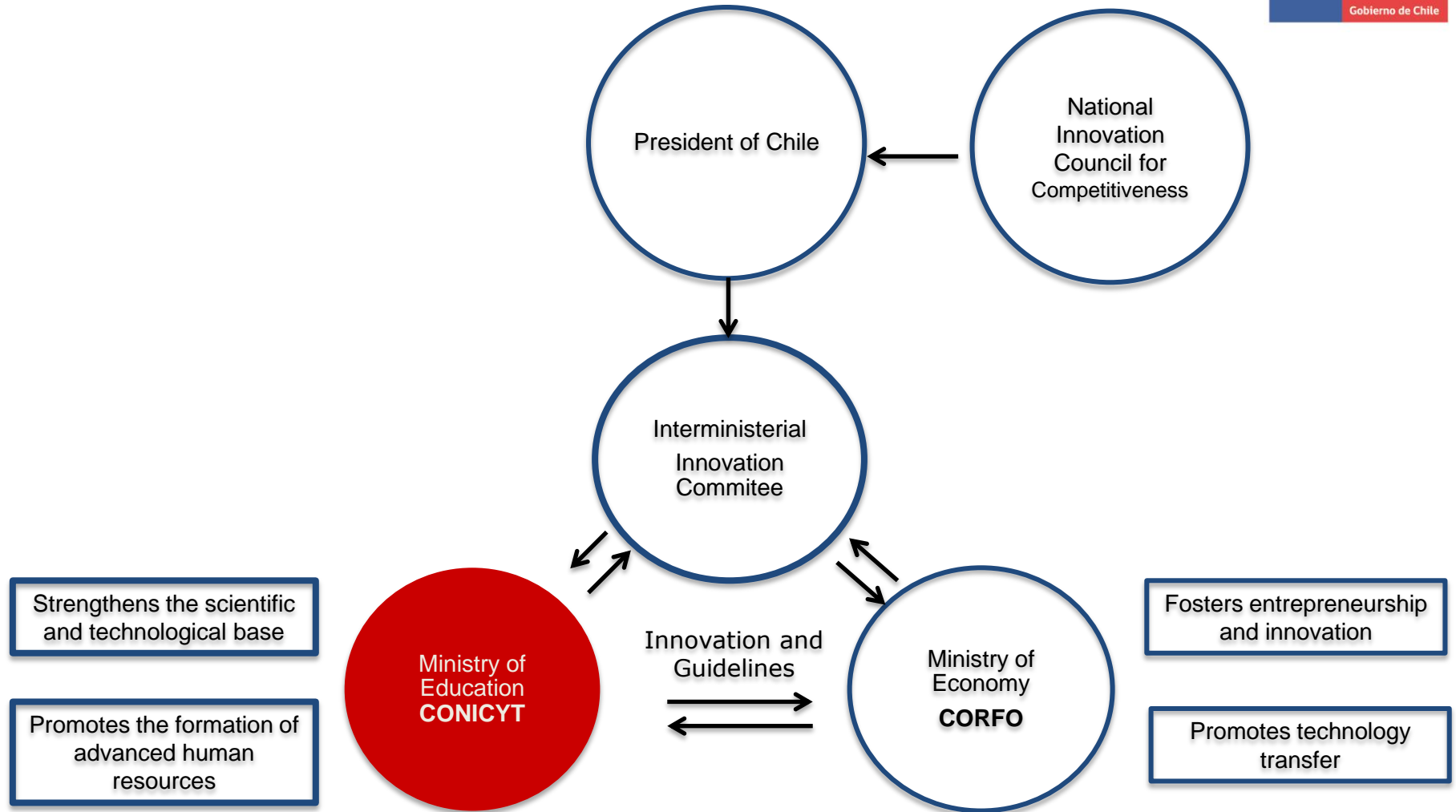


# Number of scientists and investment in R&D

Researchers per thousand  
employment



# The National Innovation System



# What do we fund?

## HUMAN CAPACITY BUILDING



- **Scholarships**  
34.8% of total budget
- PhD and Master (national and international) as well as postdoctoral stays and doctoral internships overseas.
- By 2013:
  - 2158 PhD students in 136 accredited programs
  - 1674 PhD

students (150 top universities in the world) - Becas

## IDEAS



- **FONDECYT**  
29% of total budget
- Research lines by individual scientists in all areas of knowledge.
- By 2013:
  - 1783 Regular projects (893 w/international collaboration)
  - 690 Initiation projects (264 w/ international collaboration)
  - 416 postdoctoral

positions (call open worldwide)

## APPLIED RESEARCH

- **FONDEF - FONIS**  
6.4% of total budget
- **FONDEF:**  
Industry/University collaboration in applied science/engineering. 55 projects under the IDeA Program funded in 2012.
- **FONIS:**  
Encourage and build capacities for applied research in the field of health. 41 projects funded in 2012.

# What do we fund? *cont.*



## ASSOCIATION

- Long-term **associative projects**, ca. 2 USD million/year, 5+5 years
- **FONDAP** (8 + 4): address national problems or opportunities (natural laboratories).
- **Basal** (13): basic science with tech transfer
- **Millennium Initiative** – Basic science
- International R&D **Centers of Excellence**



## INTERNATIONAL COOPERATION

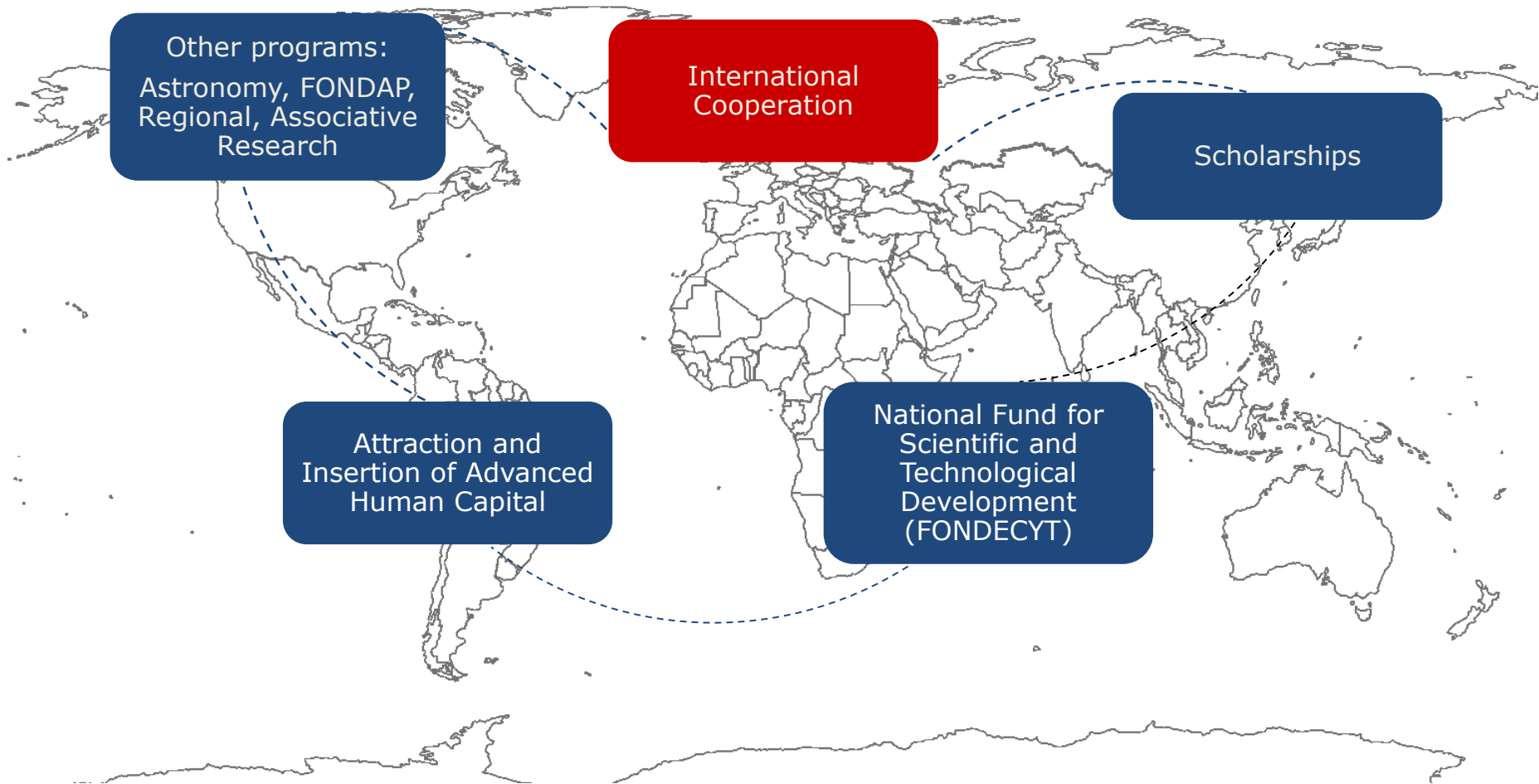
- **International Relations Program**  
2013 budget is 5X higher than in 2010.
- 5 joint research projects co-funded in 2012 between CONICYT and NSF.
- 38 international network projects funded between 2010 and 2012
- International Alliances of Excellence with Columbia University, MIT, Harvard, among others.



## NATIONAL CAPACITIES

- **Regional Program** (14 regional centers in different regions of Chile)
- Equipment
- Science in society and schools
- **Scientific information Program.**
- Attraction/Insertion (over 120 scientists have been attracted to Chilean universities between 2010 and 2013).

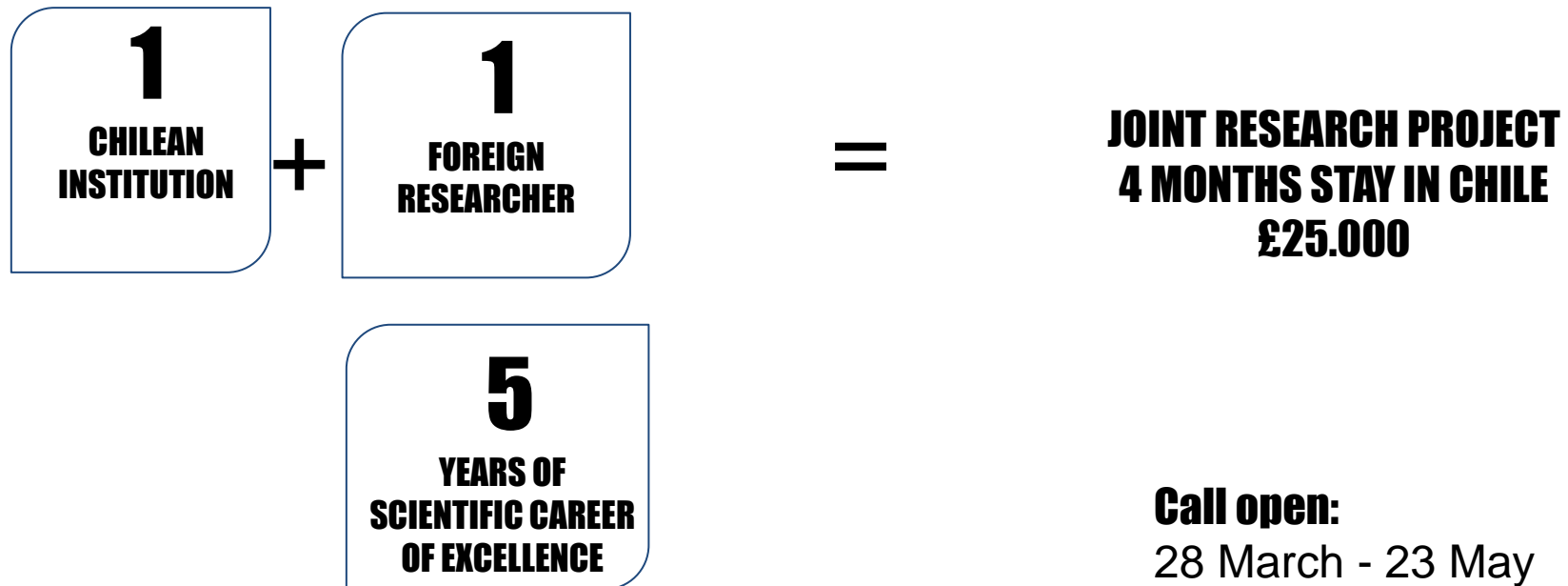
# CONICYT major programs open to foreign researchers



# International Cooperation Programme: Opportunities with Great Britain



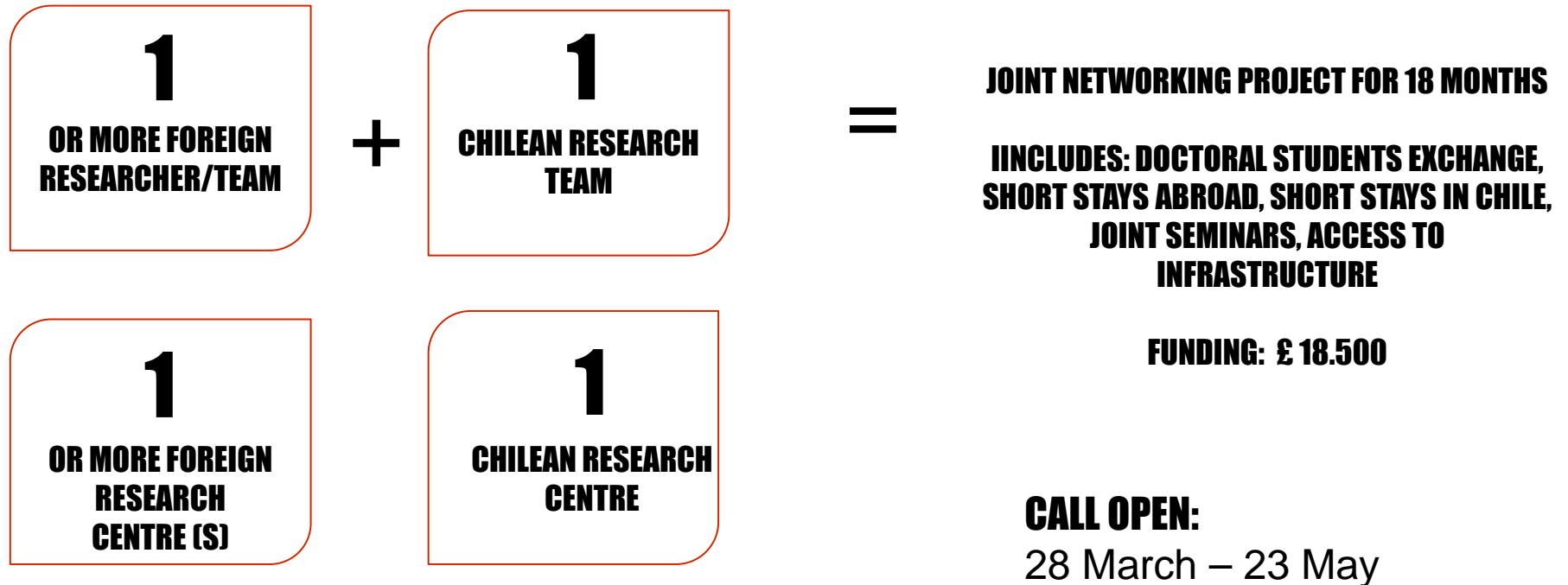
## Abate Juan Ignacio Molina Prize for Scientific Excellence



# International Cooperation Programme: Opportunities with Great Britain



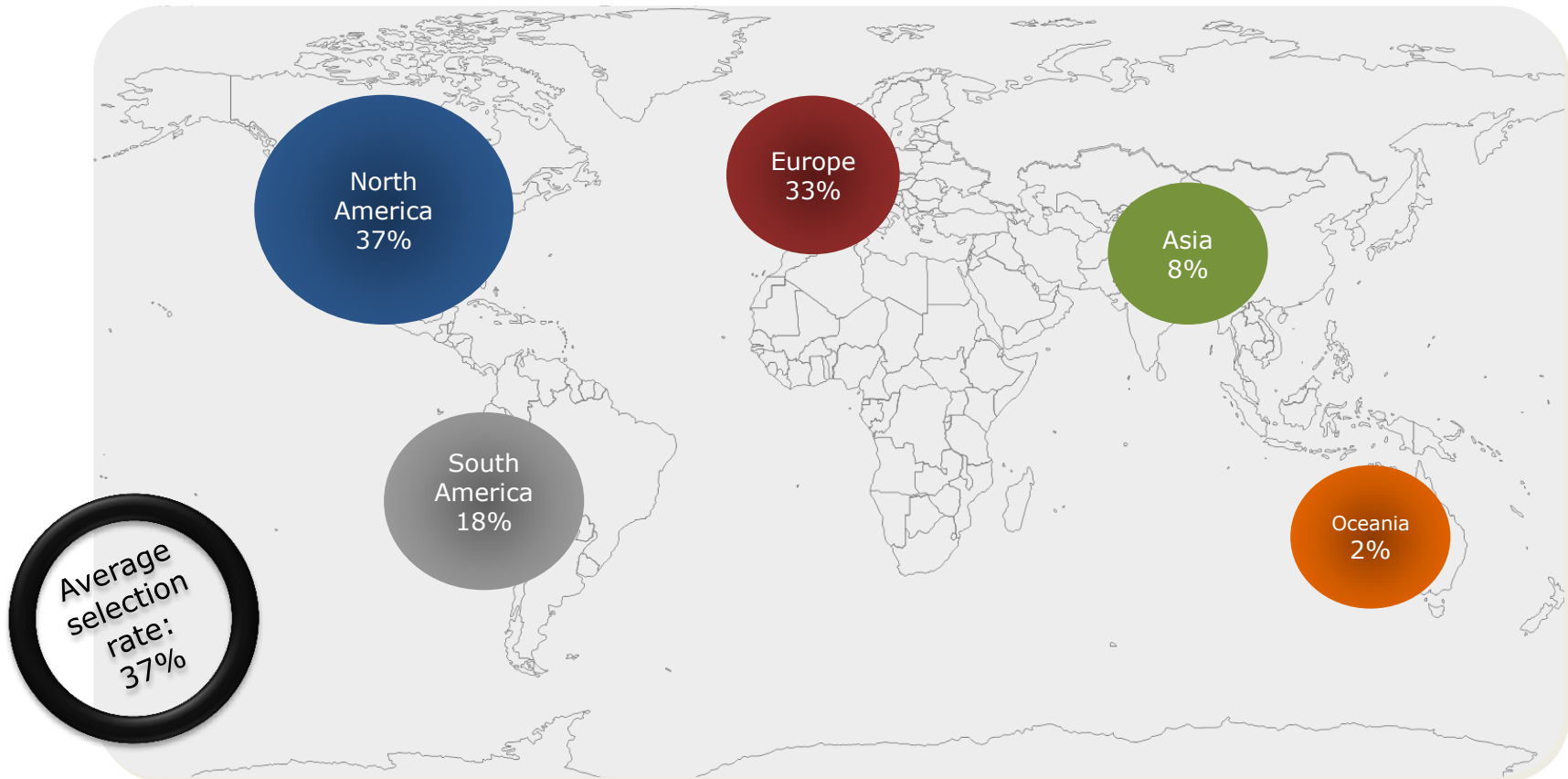
## Support for International Network between Research Centres





# International Cooperation Programme: Opportunities with Great Britain

## Support for International Network between Research Centres Funded projects 2010-2013



# Formation of Advanced Human Capital Programme: Opportunities with Great Britain



## Type of scholarships:

- Study visits abroad for undergraduate engineering students
- Master degree abroad
- Doctoral degree abroad
- Doctoral co-tutelage and research internships abroad
- Postdoctoral degree abroad
- Doctoral degree in Chile (for foreigners)

**5207**

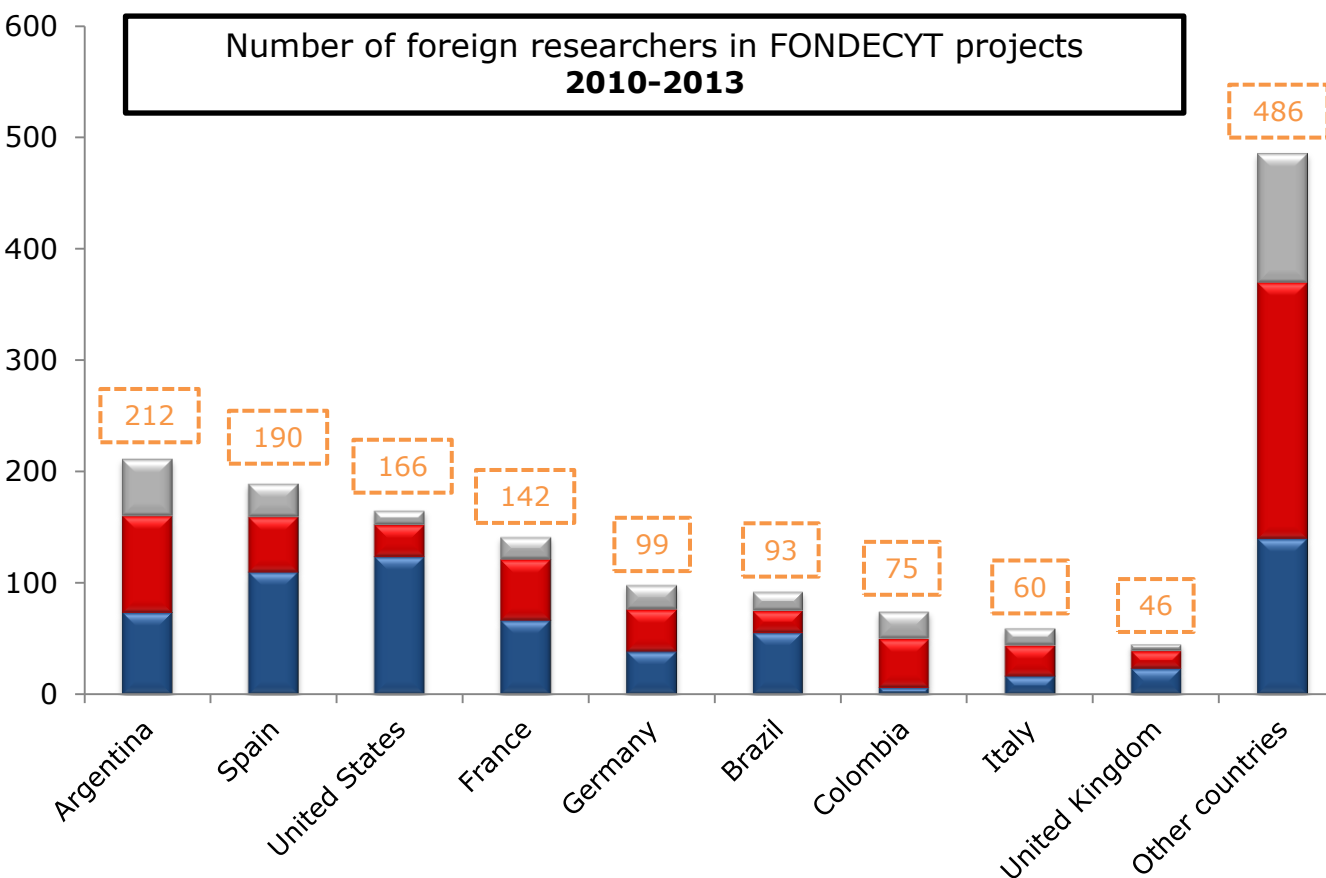
Scholarship holders studying abroad between 2008 and 2012

Country	Nº of scholarship holder
United States	1452
United Kingdom	1069
Spain	723
Australia	681
France	294
Canada	243
Germany	201
New Zealand	72
Netherlands	72
Other countries	400
Total	5207

Number of scholarship holders by country  
2008-2012



# National Fund for Scientific and Technological Development (FONDECYT): Opportunities with Great Britain



**Regular:**  
**Total Funding UK**  
**£2,500,000**

21  
British  
PI's

8 British  
PI's

**Initiation:**  
**Total Funding UK**  
**£500,000**

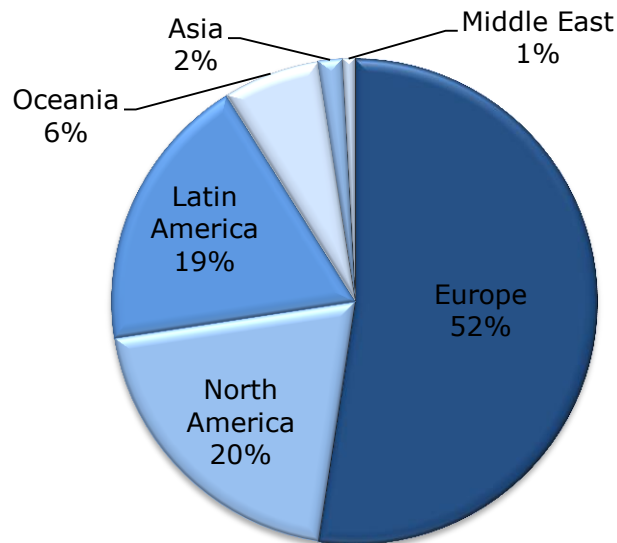
**Postdoc:**

7 British  
PI's

Source: FONDECYT - CONICYT

# Attraction and Insertion of Advanced Human Capital Program Opportunities with Great Britain

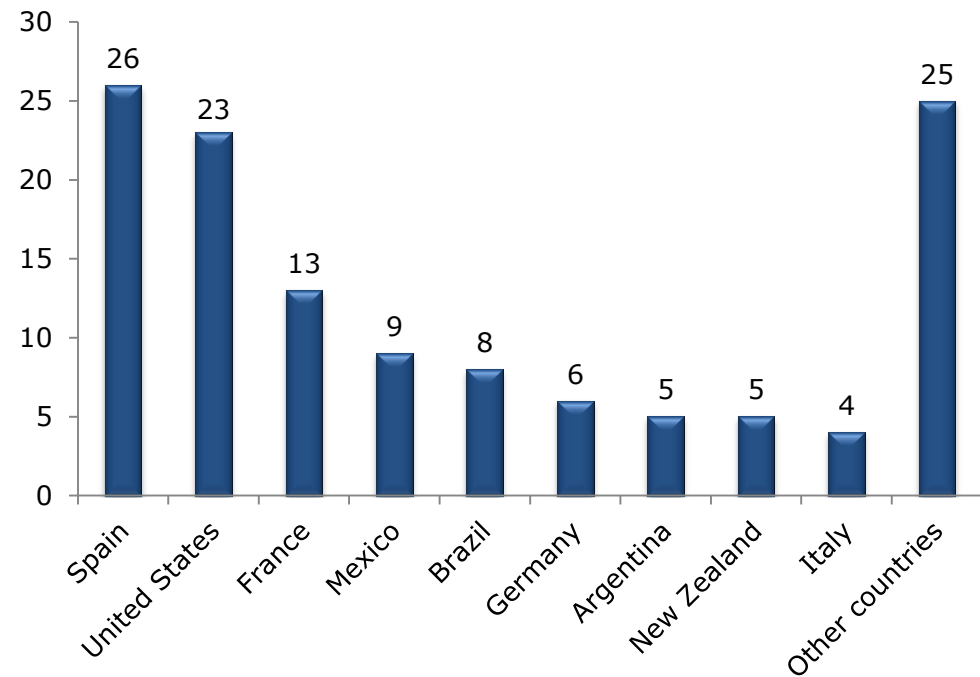
**124** Top-level scientists  
have been attracted to  
Chilean universities  
between 2010 and 2013



**Foreign scientists attracted to Chile by world area  
(% of total number)**

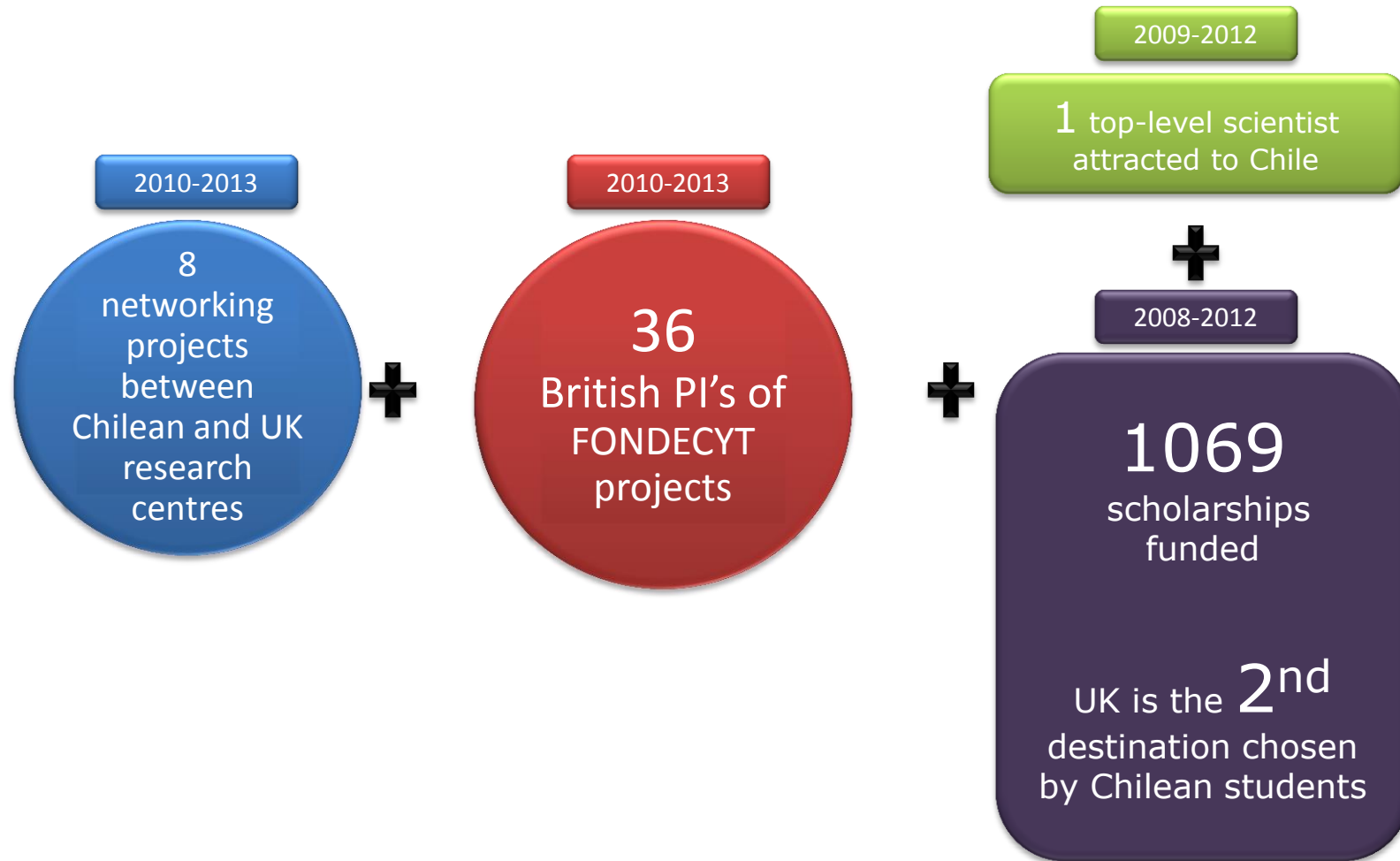
Source: PAI - CONICYT

**Number of foreign scientists attracted to Chile  
by country of origin:**



Source: PAI - CONICYT

# Current S&T Cooperation between Chile and Great Britain



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