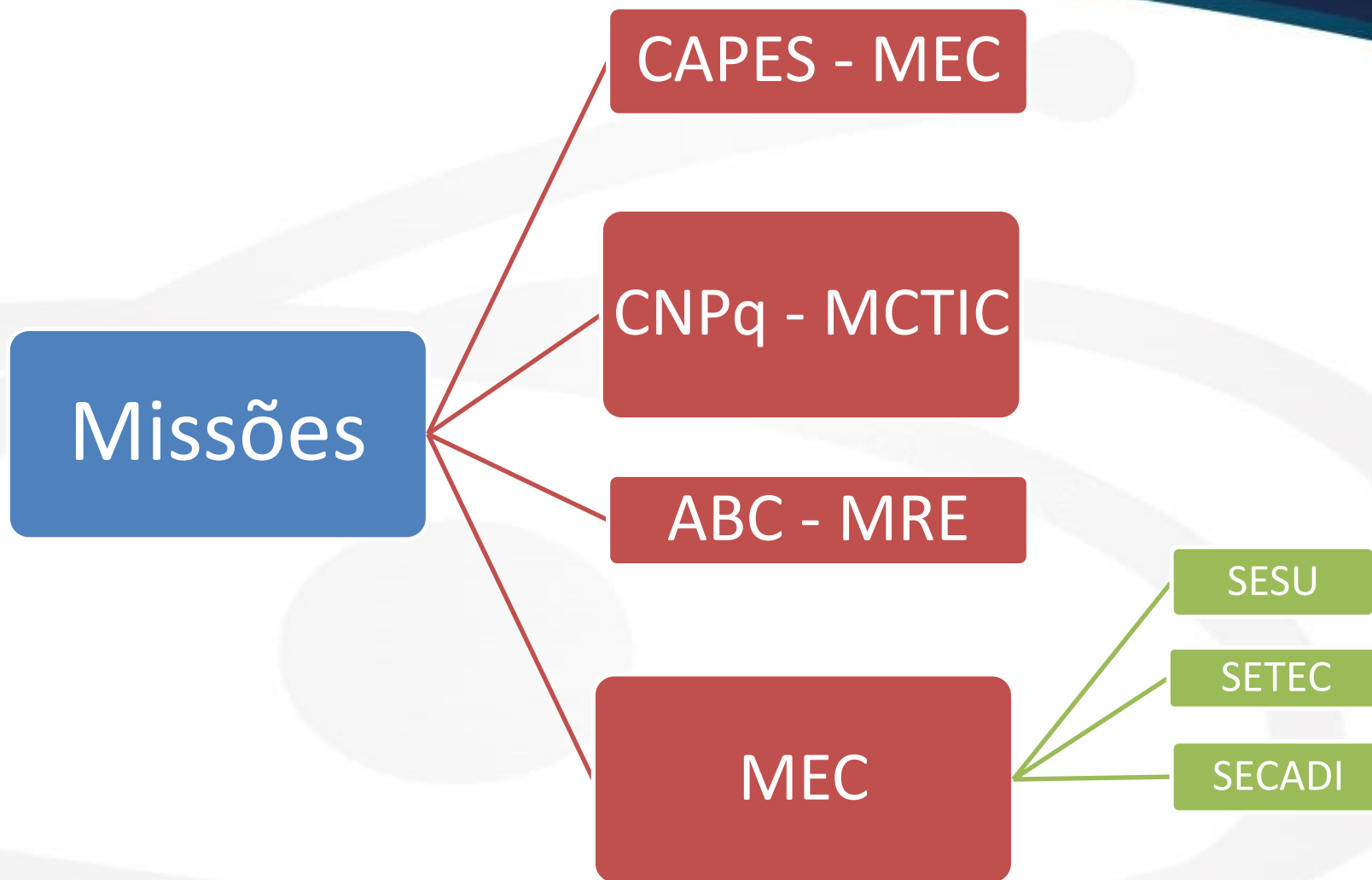


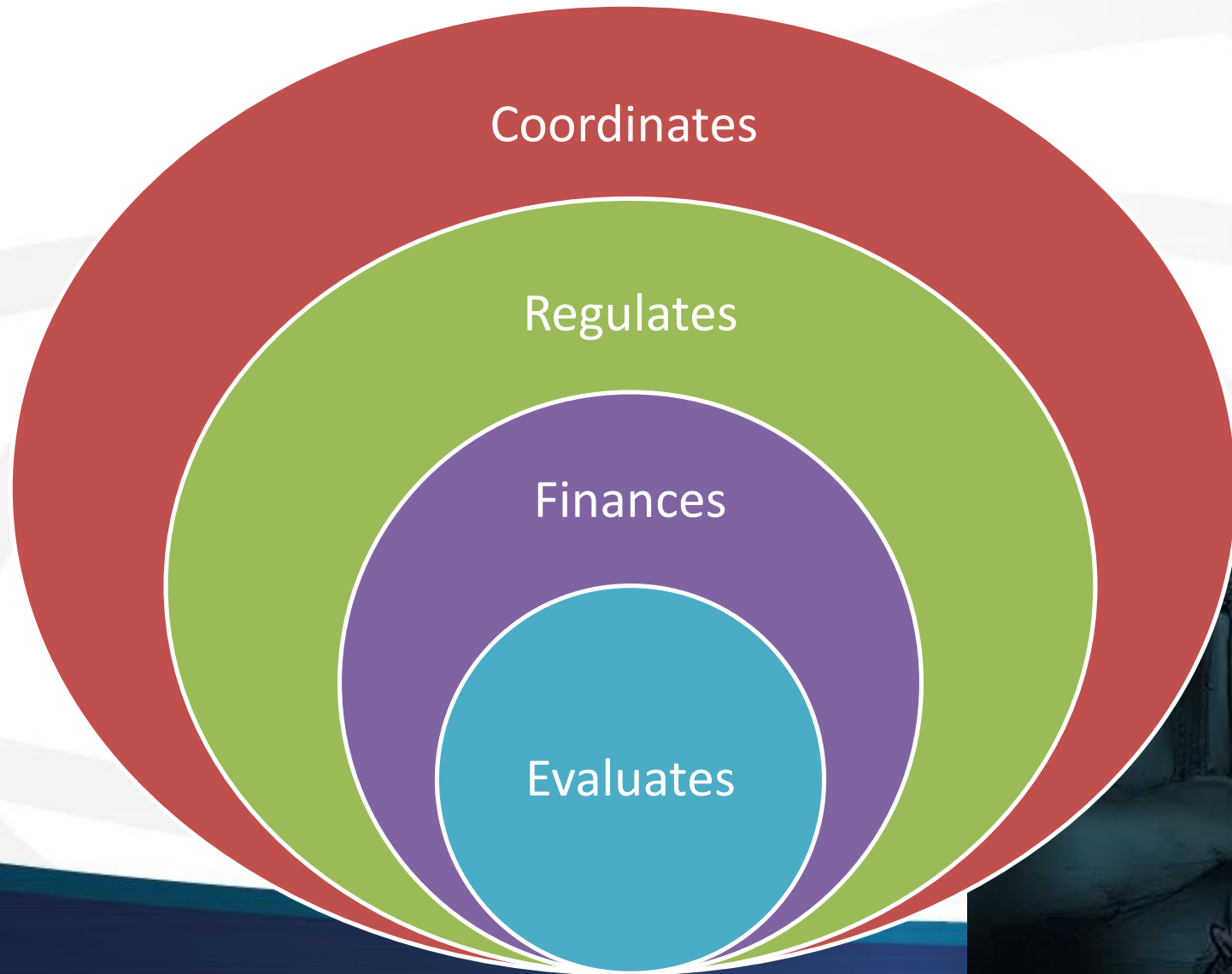
Internationalization as a Strategy to Improve the Quality of Higher Education in Northeast Brazil



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Capes' Mission



A map of the British Isles, including Great Britain and Ireland. The map is colored in shades of yellow and green for land, and blue for water. Major cities are marked with red dots and labeled: Edinburgh (Scotland), Belfast (Northern Ireland), and DUBLIN (Ireland). The Isle of Man is also labeled. The text 'NO MAN IS AN ISLAND' is written in large, bold, white capital letters across the top of the map. Below it, '(EXCEPT THIS ONE)' is written in smaller white capital letters, with a white arrow pointing to the Isle of Man. The words 'Northern Ireland' and 'Irish Sea' are also visible on the map.

NO MAN IS AN ISLAND

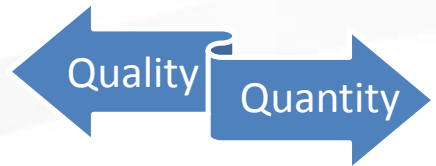
(EXCEPT THIS ONE)

'No Man is an Island'

No man is an island entire of itself; every man is a piece of the continent, a part of the main; if a clod be washed away by the sea, Europe is the less, as well as if a promontory were, as well as any manner of thy friends or of thine own were; any man's death diminishes me, because I am involved in mankind. And therefore never send to know for whom the bell tolls; it tolls for thee. Olde English Version No man is an Iland, intire of itselfe; every man is a peece of the Continent, a part of the maine; if a Clod bee washed away by the Sea, Europe is the lesse, as well as if a Promontorie were, as well as if a Manor of thy friends or of thine owne were; any mans death diminishes me, because I am involved in Mankinde; And therefore never send to know for whom the bell tolls; It tolls for thee.

MEDITATION XVII Devotions upon Emergent Occasions John Donne

Challenges: Position of Brazil



Number of citations

In disadvantage compared to Costa Rica, Colombia, Uruguay, Chile and Mexico

Global Innovation Ranking
 2011- 47 2016 – 69 2018 - 64

University Rankings

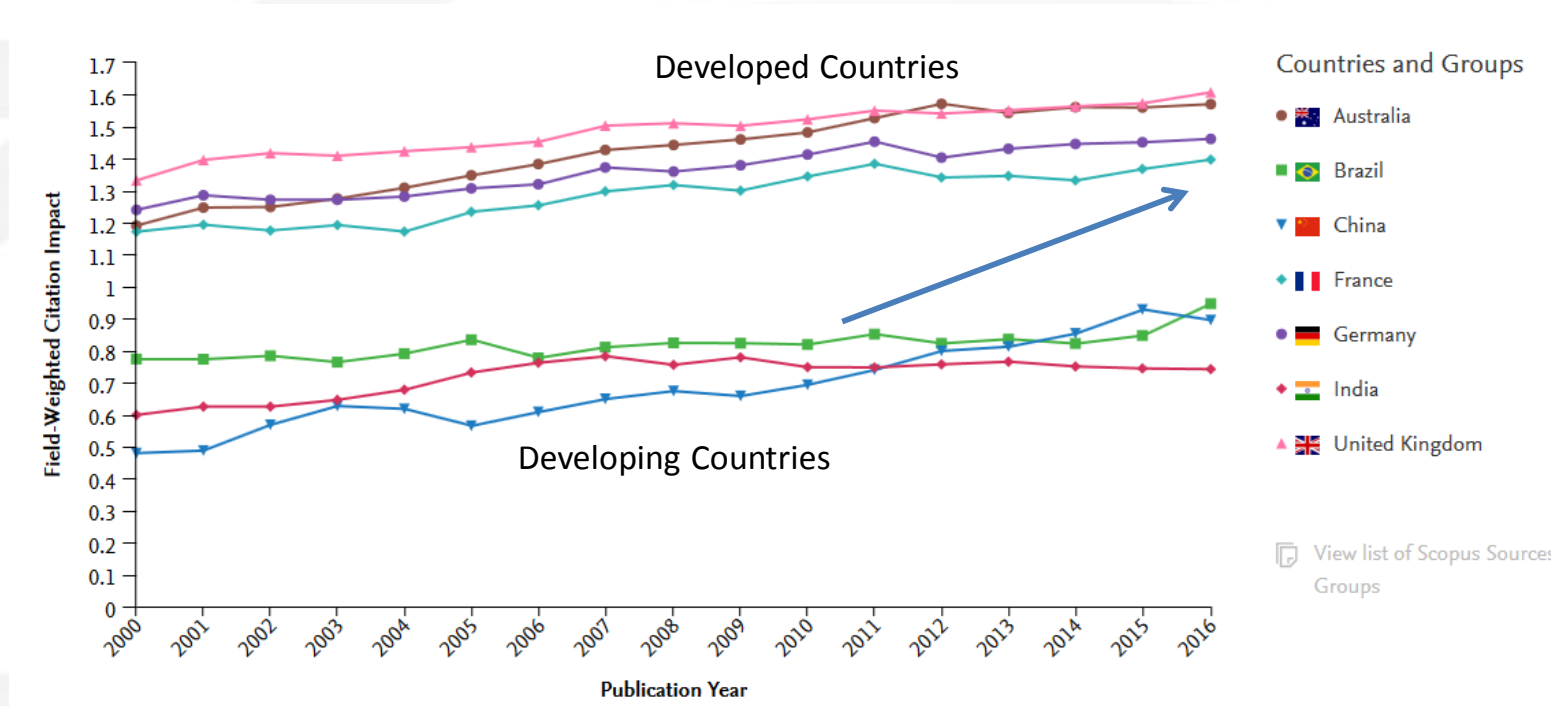
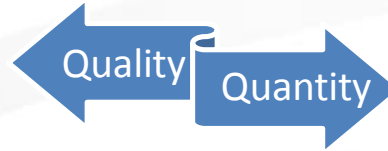
Research Quality

Human resources available to the market

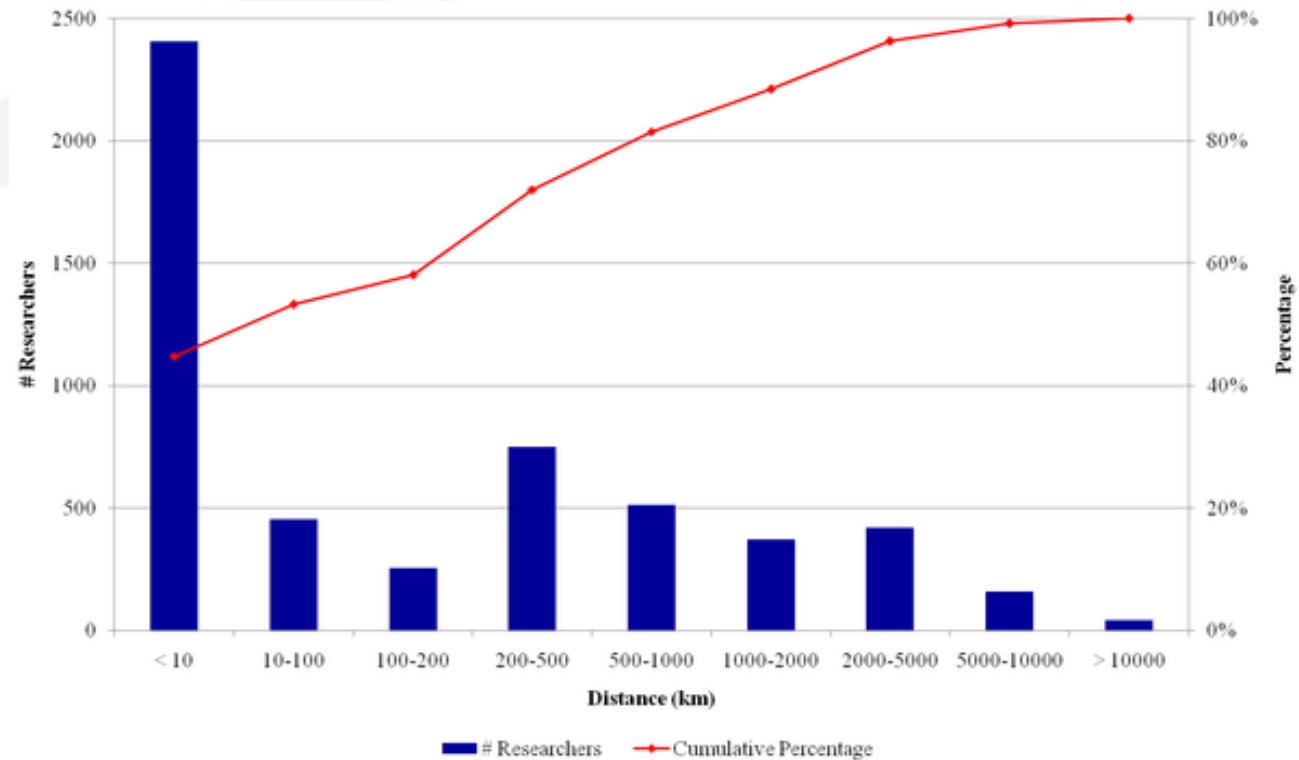
ANO	USP	UNICAMP
2012/13	158 ^o	251 ^o a 275 ^o
2013/14	226 ^o a 250 ^o	301 ^o a 350 ^o
2014/15	201 ^o a 225 ^o	301 ^o a 350 ^o
2015/16	251 ^o a 300 ^o	351 ^o a 400 ^o
2016/17	251 ^o a 300 ^o	401 ^o – 500 ^o

Fonte: Times Higher Education

Challenges: quality x quantity



Challenges: Distance between place of training and place of work



Furtado CA, Davis CA Jr, Gonçalves MA, de Almeida JM (2015) A Spatiotemporal Analysis of Brazilian Science from the Perspective of Researchers' Career Trajectories. PLoS ONE 10(10): e0141528. doi:10.1371/journal.pone.0141528
<http://journals.plos.org/plosone/article?id=info:doi/10.1371/journal.pone.0141528>

Challenges: international mobility of Brazilian researchers

63% of Brazilian researchers never left the country to do research

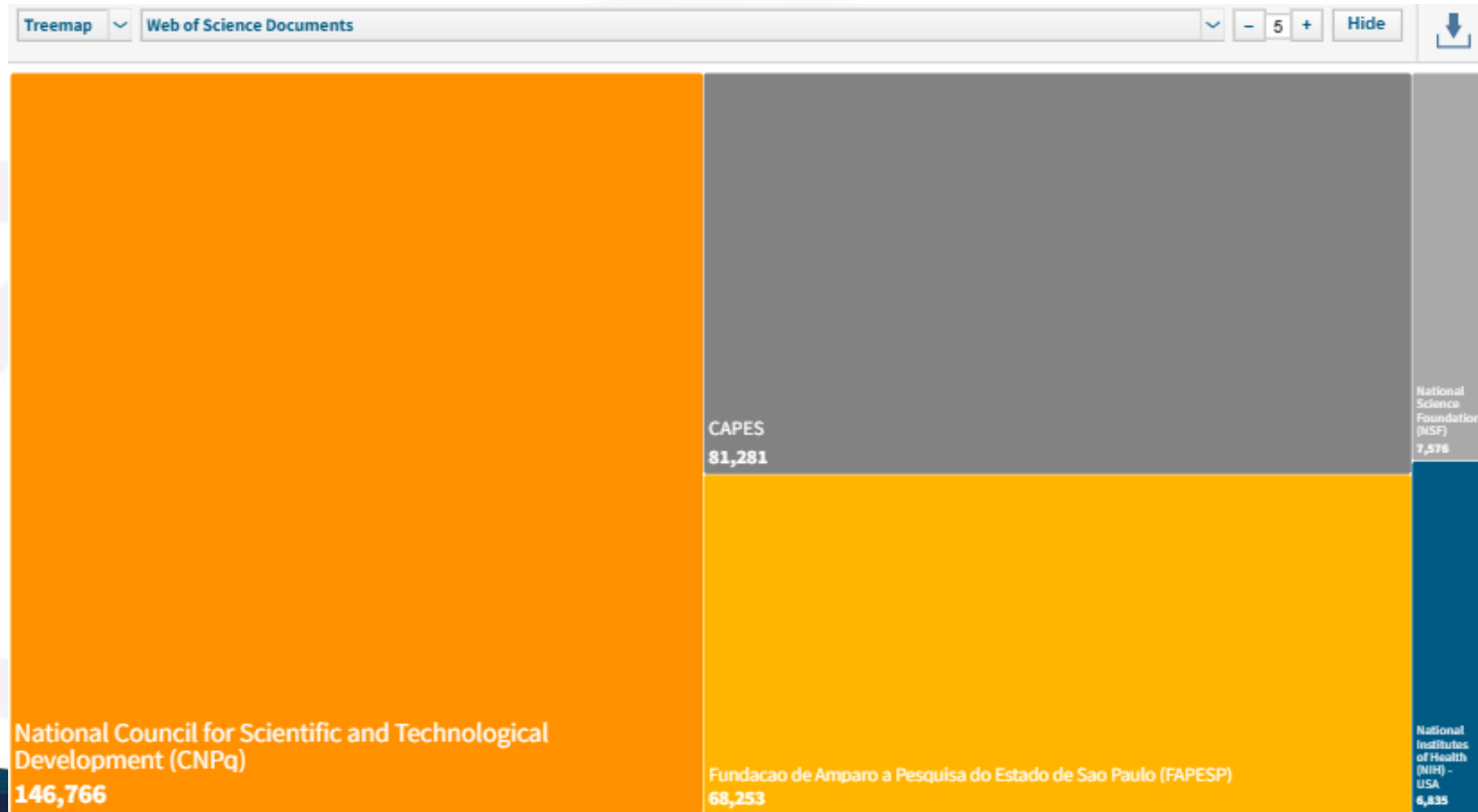
- Impact 24% below world average
- 40% less cited

A large, semi-transparent white arrow pointing downwards, indicating a flow or comparison between the two data points.

Researchers with regular mobility – 28.6%

- Impact 2x world average

Challenges: Funding citations



Diagnostics: Economic complexity

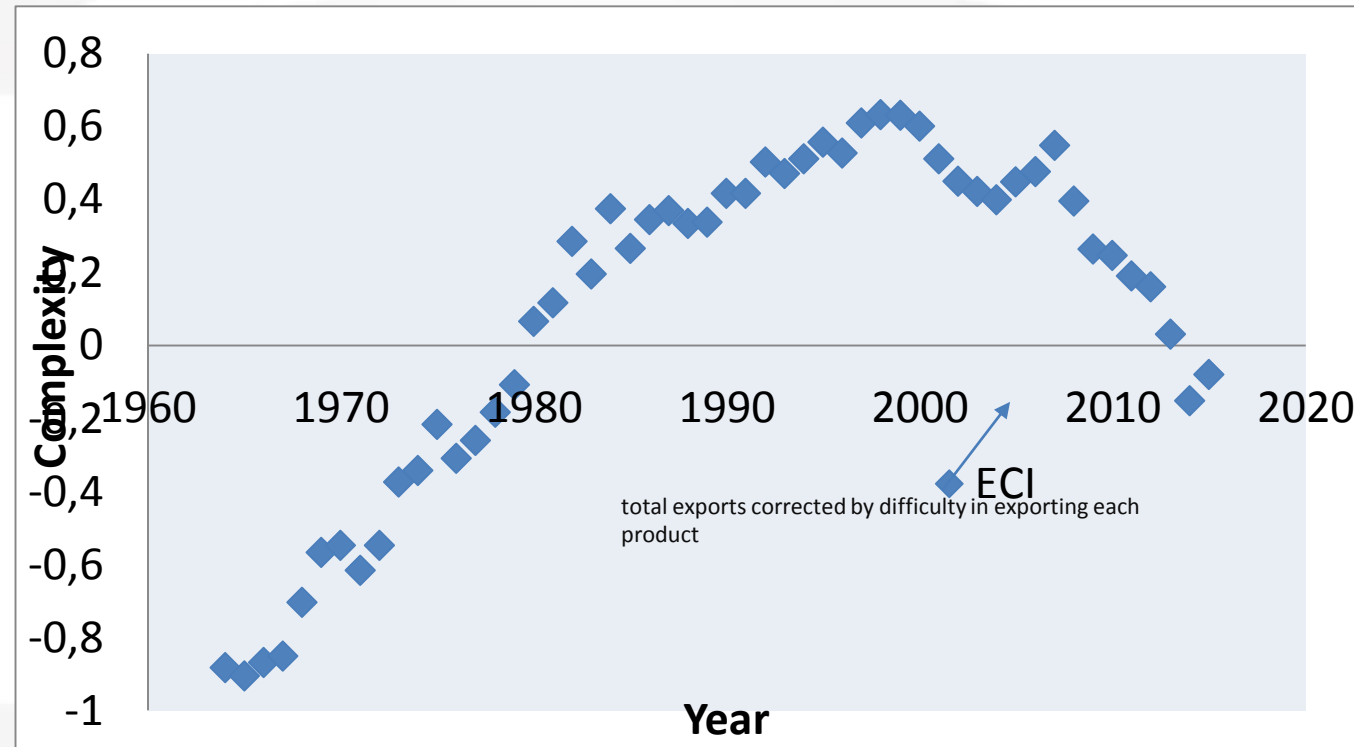
Japan – 1st

2.47

Brazil – 47st

0.11

The more complex the more
resistance to changes in
economic environment



“In the future we will not be able to compete on a world level with low labor costs and exploit huge reserves of mineral resources. We will have to compete with our brains and with our science.”



Paul Nurse
‘The New Enlightenment’
Richard Dimpleby Lecture
February 2012

“Herding cats”

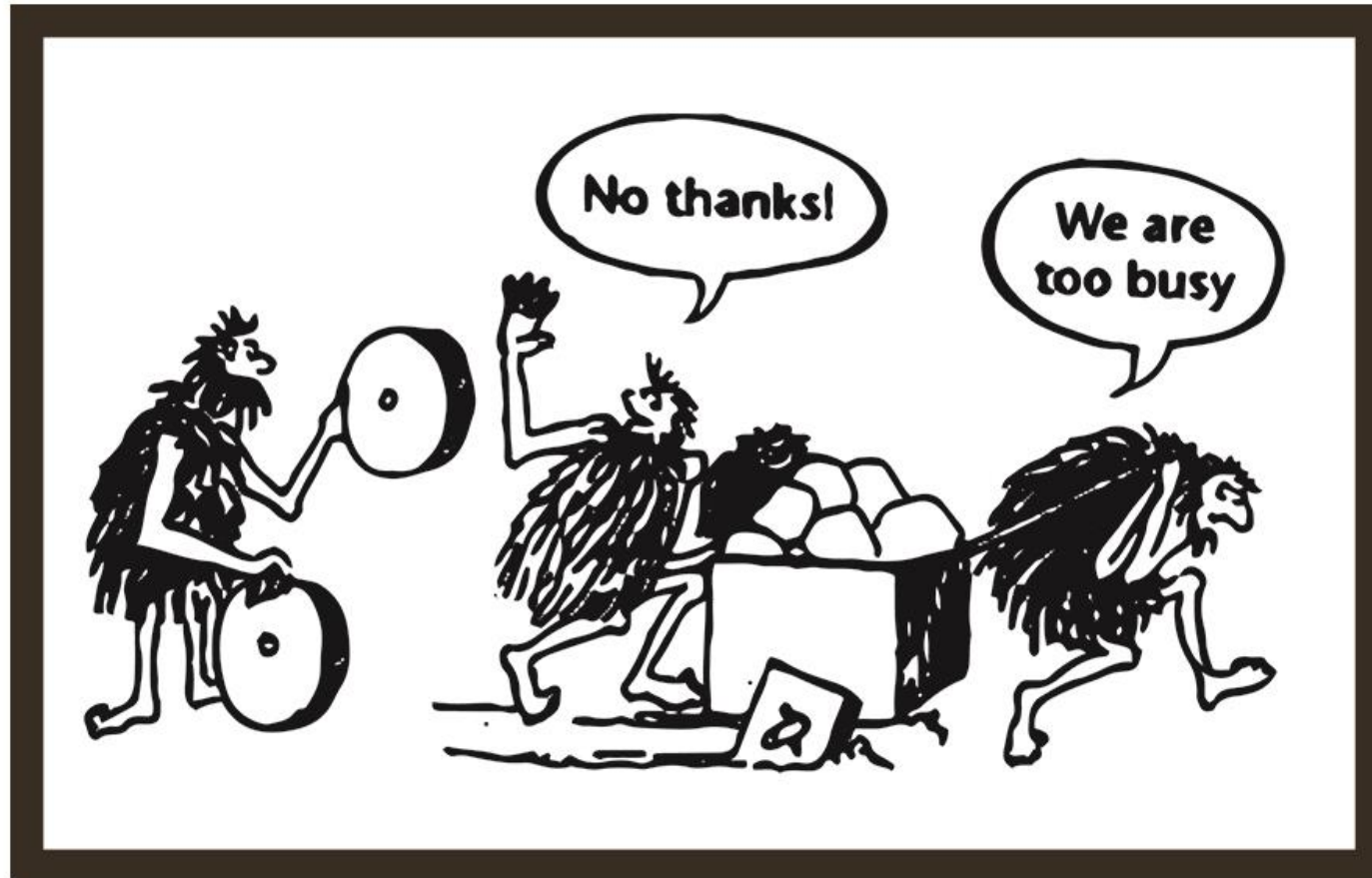


Internationalization of Postgraduate Education



Internationalization

Means, not an end.

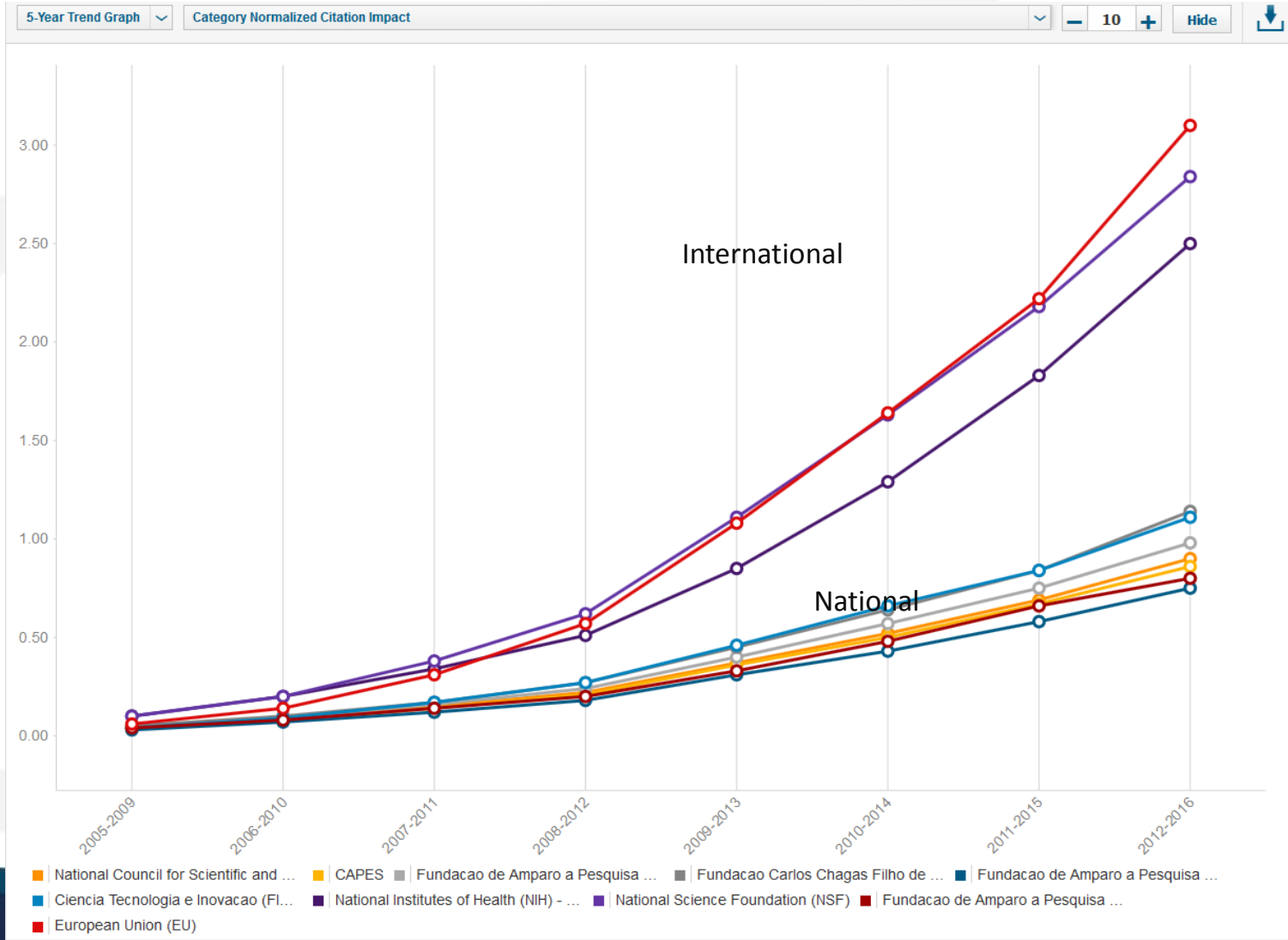


Why?

Brazil – Sweden international collaboration 2013-2016

	Brazil	Co-authored	Sweden
	 3,736 ▲ co-authors with Sweden	 2,596 ▲ publications	 2,759 ▲ co-authors with Brazil
	0.86  Field-Weighted Citation Impact	4.19  Field-Weighted Citation Impact	1.66  Field-Weighted Citation Impact
Authors	386,743 ▲	–	94,234 ▲
 Scholarly Output	265,085 ▲	–	152,460 ▲
Views count (from Scopus)	3,143,012	108,605	2,398,448
Field-Weighted Views Impact	1.06	5.33	1.44
 Citation Count	696,273	38,858	841,957
Number of Institutions	181		64

Brazilian research Funding X Impact

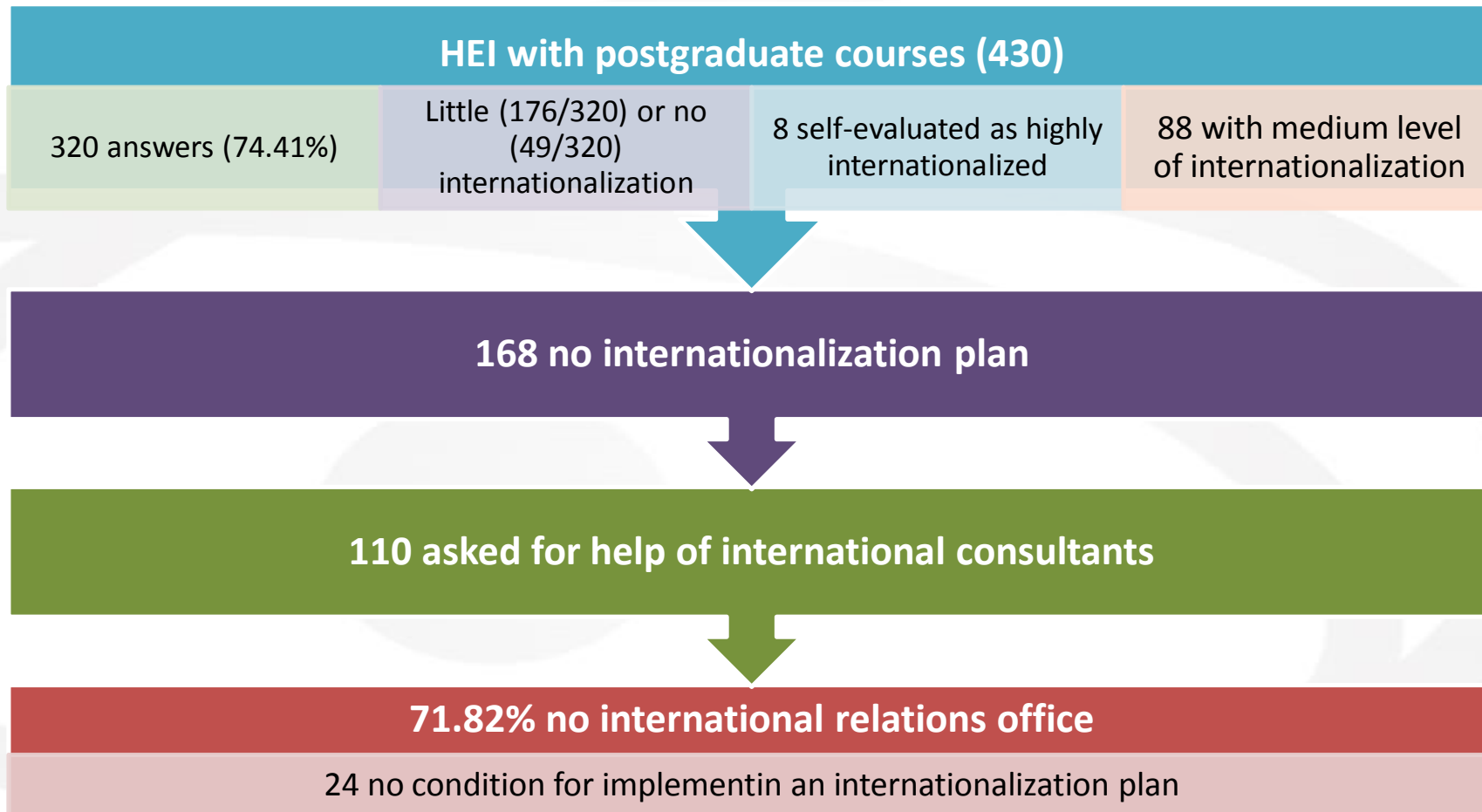


Source: Elsevier, SciVal, 2018.

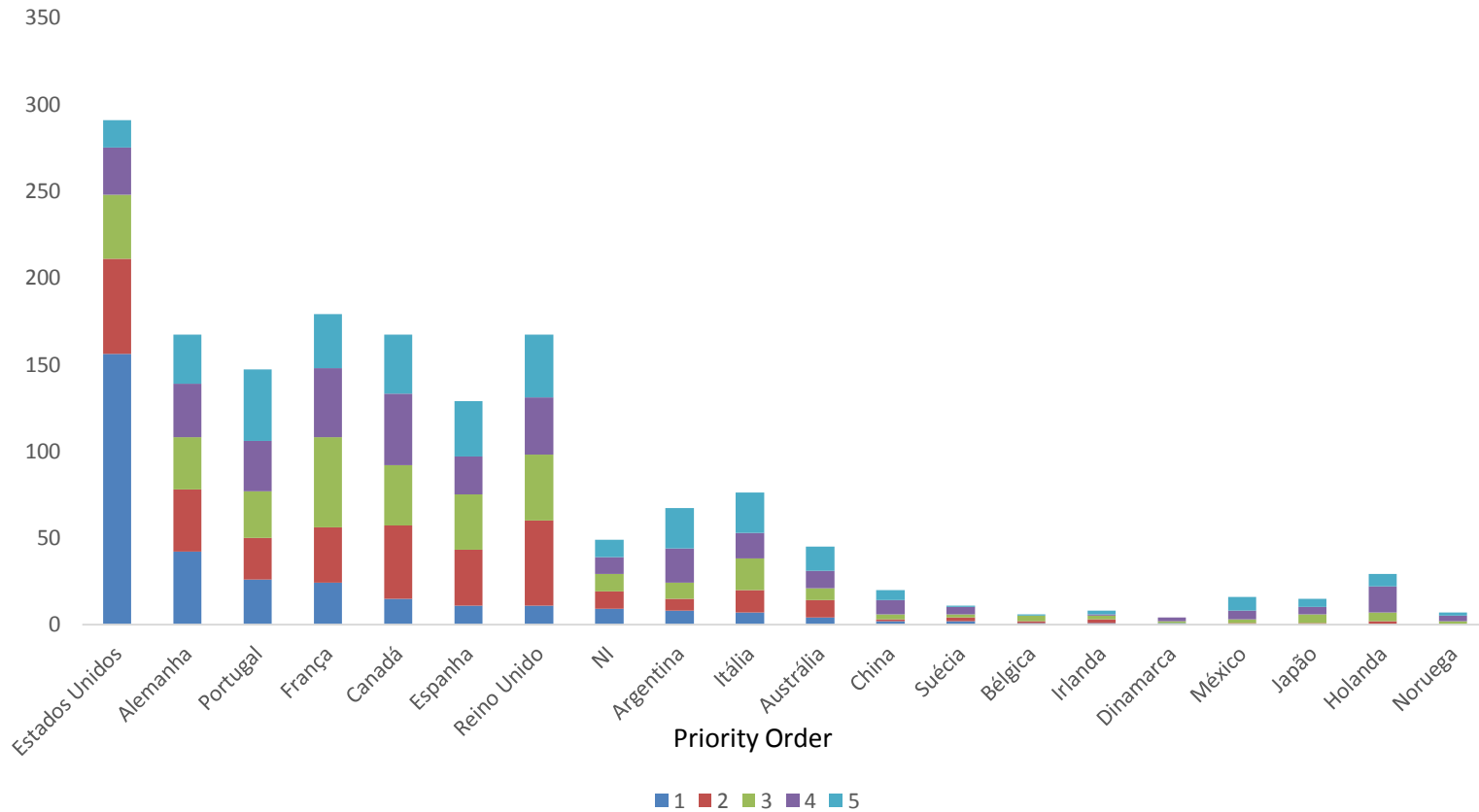
Diagnostics: where were we?



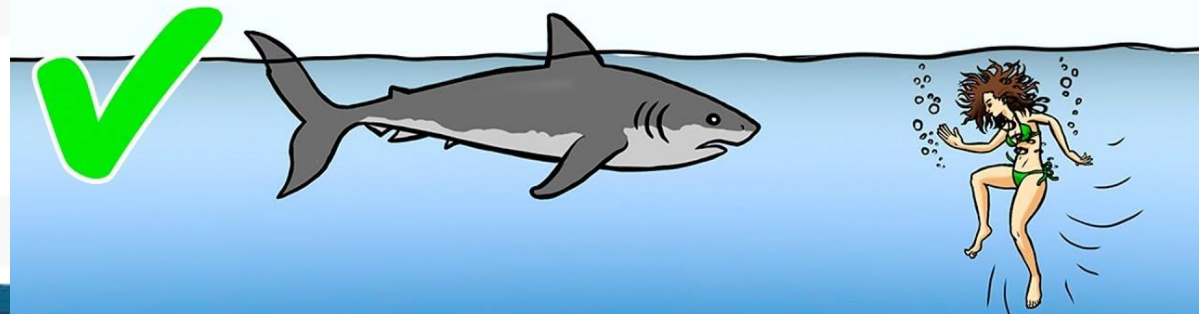
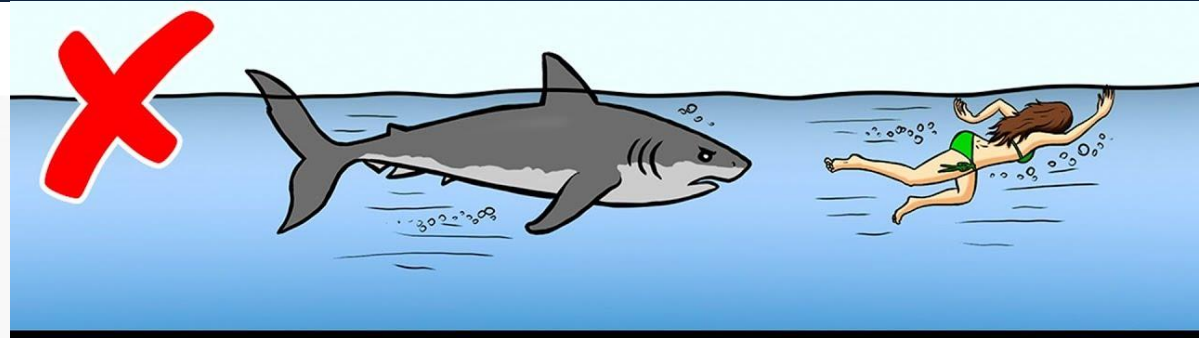
Internationalization – where were we?



Priority Countries



How to work towards internationalization?



Institutional Internationalization Program Capes/Print

Strategic internationalization plans.

International research networking to improve quality of academic research linked to postgraduate studies.

Transform participant institutions in international environments.

Integrate other Capes' development actions to the internationalization effort.



Prerequisites

Institutions of Higher Education and Research Institutes: minimum of 4 PPGs stricto sensu, of which at least 2 with doctoral courses

Institutional Internationalization Plan: strategic themes and PPGs that will act on these topics

Proposals submitted by the higher education institution or research institute

Network PPGs must be linked to the Institution issuing the respective diploma

Strategies

- Consolidation of new/old international partnerships.
- Attraction
 - foreign students to Brazil;
 - lecturers and researchers with international experience for a period of activities in Brazil;
- Preparation of the lecturers/student for the period abroad and for their return,
- Appropriation by the institution of origin of the knowledge and experience acquired by the beneficiary.

Policies



- Selection of foreign partners.
- Internal selection of specific actions and beneficiaries, within the funding lines of the CAPES-Print Program. In the case of cooperation projects with foreign institutions, indicate, when applicable, resource allocation plan, plan of activities, reciprocal financing, academic mobility, joint technical-scientific production, counterparts of partner institutions, among others;
- Hiring professors with recognized scientific performance at international level;
- Proficiency in foreign languages of students, post-graduate teachers and staff of the institution that has a direct relationship with the proposed Institutional Internationalization Project;
- Recognition of credits and academic and scientific activities carried out by teachers and students abroad;

Policies



- Reception and accompaniment of foreign teachers, researchers and students;
- Appropriation of the knowledge and experience acquired abroad by the beneficiaries of the actions of the Institutional Internationalization Project.
- Management and operationalization of the Institutional Internationalization Project;
- Internal monitoring and evaluation of the goals and execution of the Institutional Internationalization Project.
- Reconciliation of national development programs supported by Capes to the internationalization effort.

Selected HEI



UFPE
UFRPE
URFN
UFC

* Specific programs to the North region: Programa Nacional de Cooperação Acadêmica na Amazônia ([PROCAD/Amazônia](#)) e o Professor Visitante Nacional Sênior na Amazônia ([PVNS – Amazônia](#)), direcionados para a região Norte.

Capes/PrInt Selection Process

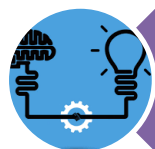
Criteria and indicators (Annex XIV to the Call) used in the analysis of proposals:



Institutional Diagnosis: excellence degree of the Post-Graduation Programs, including the percentage of PGPs with grades 5, 6 or 7 at Capes 2017 evaluation, and the countries related in the proposal (15% of the score);



Technical capacity, leadership and international academic experience of the Management Group members (10% of the score);



Coherence and viability: considering the justification, the goals, the indicators, targets and the proposed activities (20% of the score);



Innovative character of the proposal (30% of the score);



Relevance: considering its impact in the internationalization of the proponent institution (25% of the score).

Capes/PrInt Selection Process

Evaluation

Criteria for analysis in line with international requirements:

Percentage distribution of the merit note per criterion presented in the Call (item 9.2.2.1)

Capes/PrInt Selection Process

Difficulties

Budgets presented were non-feasible, in disagreement with the internationalization plan itself and the objectives to be achieved

Lack of focus and priority of themes and PPGs of IES / IPs considered best academic performance within the respective proposals

Dimensional imbalance between the number of themes and PPGs, taking into account the internationalization plan presented

Capes/PrInt - Timeline

Período	Atividade prevista
Até 10 de maio de 2018	Inscrição das propostas
Até 21 de maio de 2018	Envio do formulário em inglês
A partir de 02 de julho de 2018	Resultado preliminar da análise documental
A partir de 30 de julho de 2018	Resultado final da análise documental
A partir de 10 de setembro de 2018	Resultado preliminar da análise de mérito e ranqueamento
A partir de 05 de novembro de 2018	Divulgação do resultado final
A partir de novembro de 2018	Implementação dos Projetos Institucionais de Internacionalização

THE CROSSROADS of WISDOM

What's next?



Institutions not selected

New program

Self-evaluation and planning of internationalization; To be launched in the second half of this year; Will provide consultants to assist in the structuring of institutional internationalization plans

Next public announcement of Capes-Print

Due to be launched in early 2019, with implementation at the end of 2020.

Other initiatives

International bilateral and multilateral cooperation + individual submission remain

Changes in Sandwich-PhD

New agreement with HEIs

the uses of sandwich doctorate quotas should reflect a clear institutional internationalization policy, as an instrument of international strategic collaboration, seeking to improve the quality of research and graduate studies in Brazil.

Scholarships quotas will be by institution and not by course.

There will be no change in the number of quotas available at each institution.

The institution should clarify its policy for distribution of quotas as well as the selection of candidates. This information will be used for granting the scholarships as of the 2020 announcement.

The "Selection" and "Homologation" processes will be of institution responsibility, which is expected to follow the rules described in the program announcement.

A biennial institutional report will be evaluated by CAPES regarding the use of the scholarships and impacts to the IES related to the use of these grants.

Directorate of Strategic International Cooperation

Internationalization of the Brazilian postgraduate education

International Cooperation: negotiation and review of agreements and partnerships;
YALE: exemption from fees;
New negotiations: Purdue; Emory; MIT; CUNY; Illinois; Kings College London, Cambridge, Oxford, McMaster,

Individual Grants

Support to International Research Projects in partnership

- USA, Sweden, Belgium, France, Germany, Spain, Portugal, UK, Ireland, Canada, Italy, China, Japan, Mexico, Argentina, Switzerland, New Zealand, Australia, Korea, South Africa, Sweden, among others

Strategic actions



Strategic actions: Working groups

Alumni and
commitments

Gender in
Research

South-South
Cooperation

North Region

Internacional
Evaluation

Attraction
/Retention of
Talent

Bold vision and willingness to transform the mentality of institutions and the academic community





COURAGE

Do one brave thing today... then run like hell.

Thank you!

Motivation for doing a PhD

