

Training of researchers and research careers

The global perspective from the CODOC project

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21 November

ESF “European Alliance on Research
Career Development”, Strasbourg

EUA Council for Doctoral Education

- **EUA – European University Association**
- 850 universities and rectors' conferences in 47 countries
- Developing evidence-based policies
- Advocating these policies
- Promoting development of universities as institutions
- **Council for Doctoral Education (CDE)**
- a membership service focused on doctoral education
- Development of doctoral schools
- Doctorate-specific policy development
- 204 members in 34 countries (from Faro to Tomsk)

EUA's Global Engagement

- Integrate European HE into the wider world
- Beyond Europe
 - Sister organisations in other parts of the world: university associations, rectors' conferences, university networks ...
 - EU-third country agendas: EU-LAC, Africa Europe Partnership, ASEM-Education Process
- Mutually beneficial agendas
 - ✓ Mutual understanding
 - ✓ Trends in HE/ institutional development
 - ✓ balanced and equitable collaboration, mobility at fair terms
 - ✓ regional HE convergence processes
 - ✓ joint contribution to policy making

So how to do globally relevant research?



- In a world where big challenges are global
- The majority of the population lives in the South
- research monopol of the North
- **“Global research”**: 5% of the world produce to respond to the needs of 95%?



CODOC

- a small initiative to think the big Global Research Community

- Erasmus Mundus project - 2010-2012
- Development trends in doctoral education in Southern Africa, Asia, Latin America
- Enhancing collaboration
- Building a global research community



CODOC Activities

- **Survey** on status quo + development trends
- **3 regional workshops** in Asia, Africa and Latin America
 - Bangkok: Collaboration
 - Southern Africa: Capacity Building
 - Latin America:
- **Report** to be published September 2012
- **Final dissemination event:** Karolinska Institute, Stockholm - 24-27 September 2012

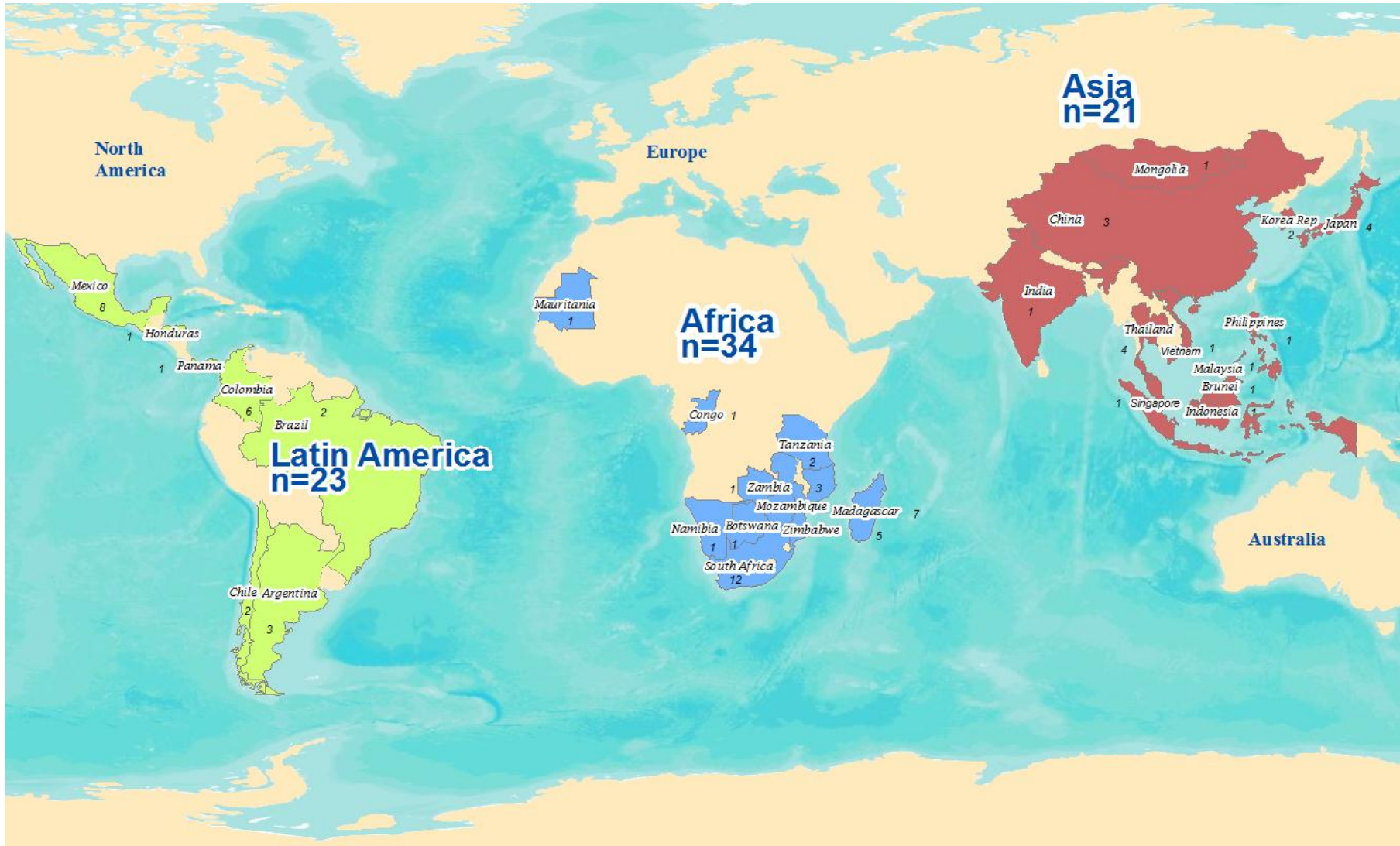


CODOC Consortium

- European University Association
- ASEAN University Network (AUN)
- Southern African Regional University Association (SARUA)
- Inter-American University Organisation (OUI)
- Observatory of EU-Latin America Relations (OBREAL)
- University of Bonn ZEF
- Karolinska Institute

www.codoc-project.eu

Survey I - sample



Survey II - the big picture

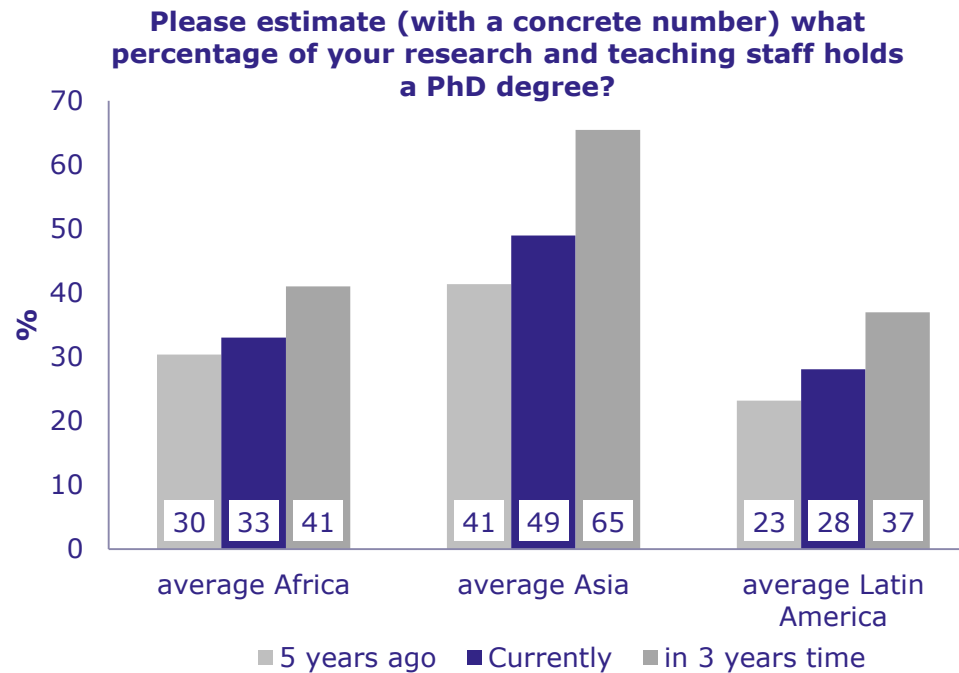
- All three regions are experiencing expansion and upgrading of the university sector – in competition with other sectors
- “There is a high demand for a limited number of doctorate holders. A doctorate holder can establish a very lucrative career in industry as compared to the level at which he/she can be appointed in academia” (South Africa)
- “PhD graduates represent some of the most advanced human capital ... They are respected for their adaptability, creativity and abilities in problem-solving and dealing with unexpected issues, skills which are highly sought after [by] employers” (Mongolia)

Survey III - global consensus of developing societies

- “Extremely important in the current world of global knowledge society, where the complexities of world and local problems require people with high level education to solve them” (Tanzania)
- “Doctoral education is extremely critical for societal development. Given the short term nature of work by most corporations, universities are the only institution in human society that can focus on hard problems which require long term critical thought. Moreover, they are the most appropriate institutions to do blue-sky research which can lead to serendipitous benefits for society” (Singapore)

Survey IV - upgrading universities

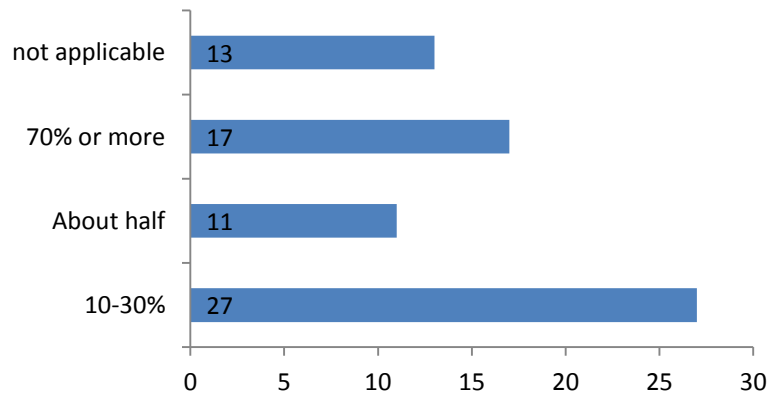
- Percentage of research and teaching staff holding a PhD



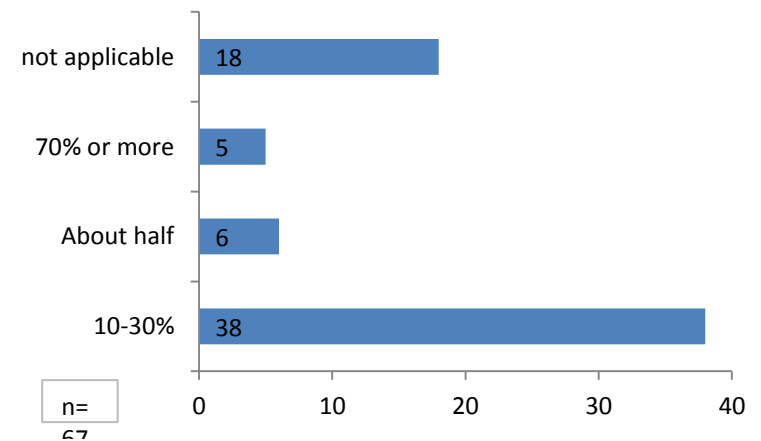
Survey V - employment

- Varied picture, but no 'PhD taxi drivers'

Post docs/tenure track/permanent research and/or teaching staff within the institution

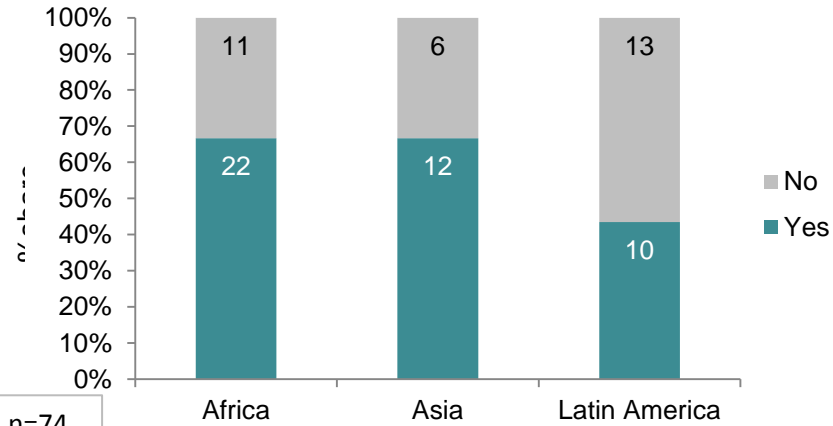


Industry/services (research position or management)



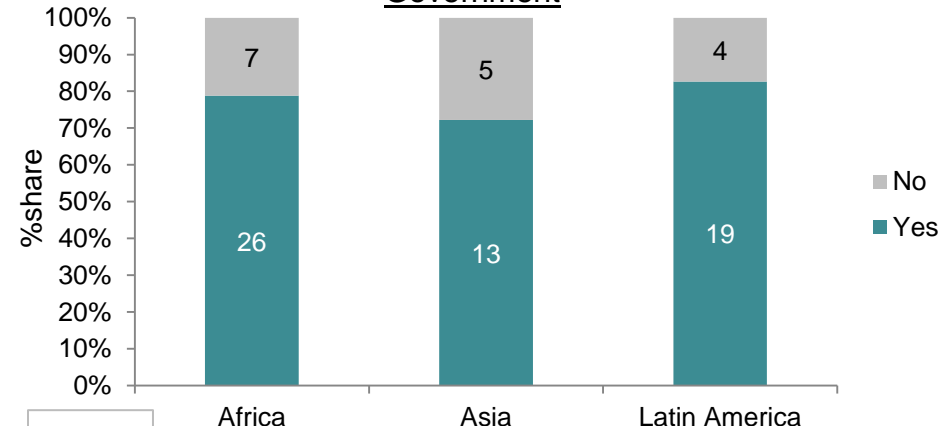
Survey VI - collaborations

Private Sector



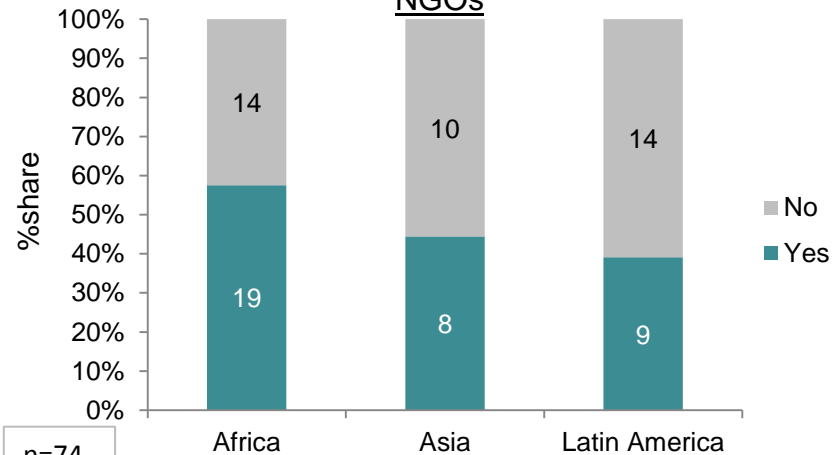
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Government



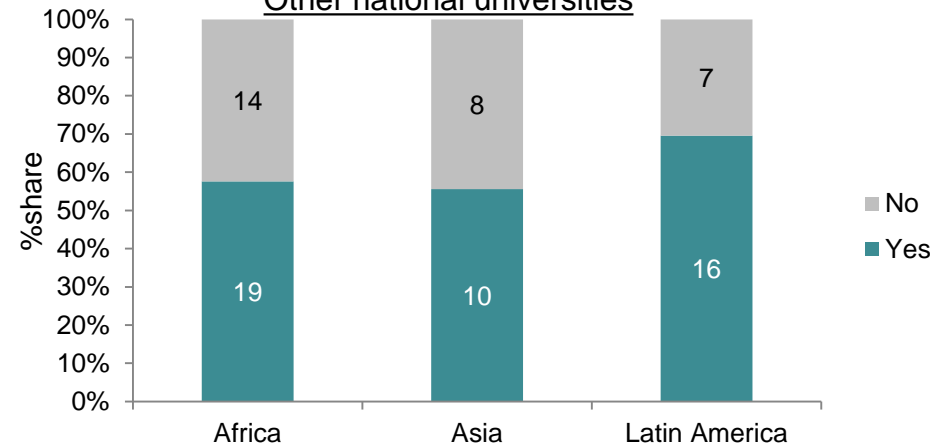
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NGOs



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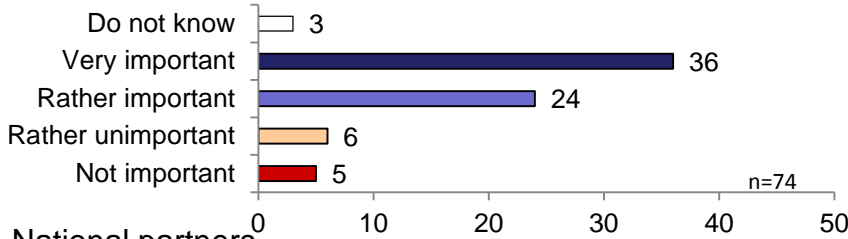
Other national universities



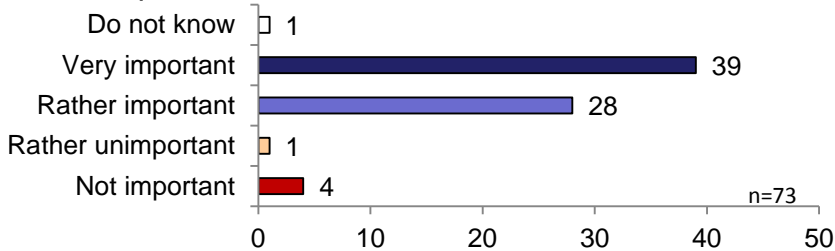
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Survey VII - where are the partners?

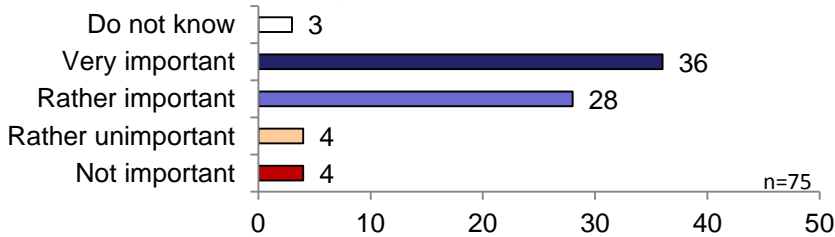
Local partners



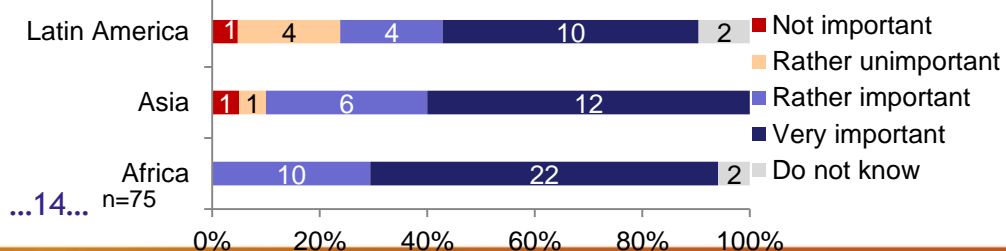
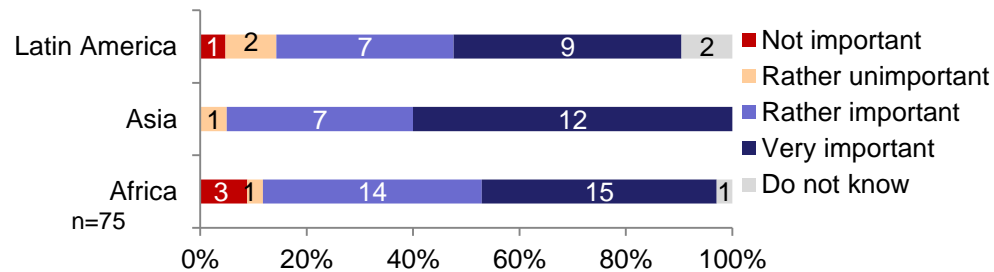
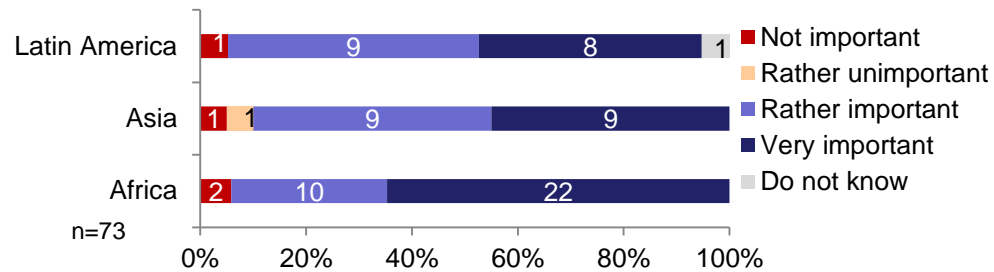
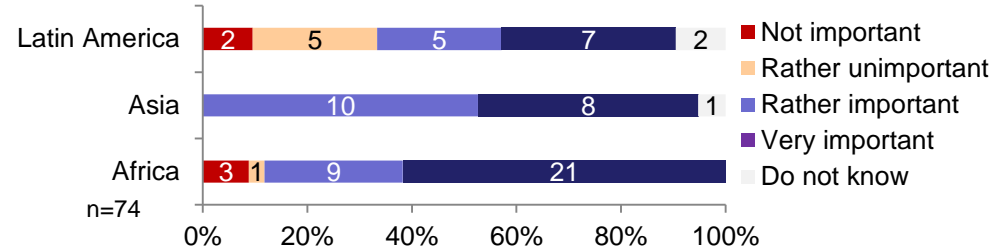
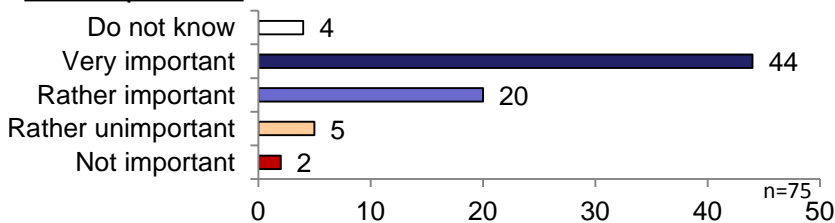
National partners



Partners within your region



Global partners



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Summary

- The 'Southern' picture differs from the 'Northern' one through the recurrent theme of expanding the university sector and the competition for doctorate holders
- Common ideas about the importance of research training
- Actual career paths in many different sectors