

The Doctorate in South Africa – An International Perspective

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Presentation Outline

- South Africa – The Context of Doctoral Production
- South Africa as a Doctoral Hub in Africa
- Challenges to Growing the Doctoral Hub
- UJ: International Profile
- Internationalisation at UJ: Strategic Intent
- National Principles and Initiatives towards Internationalisation of the Doctorate
- Opportunities

South Africa – The Context to Doctoral Production

- Current political economy of SA and human capital needs for development
- There are 26 universities in South Africa
- These are classified as traditional universities (11), comprehensive universities (9) and universities of technology (6) , 1 million students in HE
- 2016 international enrolment: 22498 - 39.8% of SA doctoral students were International and 34.3% were from Africa (excl. SA)
- 2016 graduations: 2916 - 39.8% International and 37.2% from Africa,excl. SA
- South African universities produces about 2 400 doctoral candidates per year and the NDP target is 5 000 pa by 2030
- General concerns include:
 - Size of the pipeline
 - Average time of completion (around 4y compared to 2y min)
 - Average age just above 44
 - Full time vs part time
 - First generation drivers to the labour market
 - Constrained funding
 - Supervisory capacity



South Africa: A Doctoral Hub for Africa

Africa's need

- There are regular discussions on this matter
- It is agreed that Africa needs tens of thousands more doctoral graduates

Africa's need

Eco System in Africa

- Lack of Funding for research and doctoral studies
- National and regional priorities
- Academics prefer consultancy
- A lack of doctoral Innovation
- Low institutional capacity
- Lack of academic freedom
- Poor quality supervision
- Lack of infrastructure, incl. ICT

Eco System

Profile

International profile of Doctoral students

- In 2016 SA had 22,498 doctoral enrolments
- 8962 (39.8%) were international
- 3826 (17%) were from the rest of SADC
- 3883 (17.3%) were from the rest of Africa
- 2016 graduations: 2916, 1282 (44%) international
- 494 (16.9%) from rest of SADC and 590 (20.2%) from rest of Africa

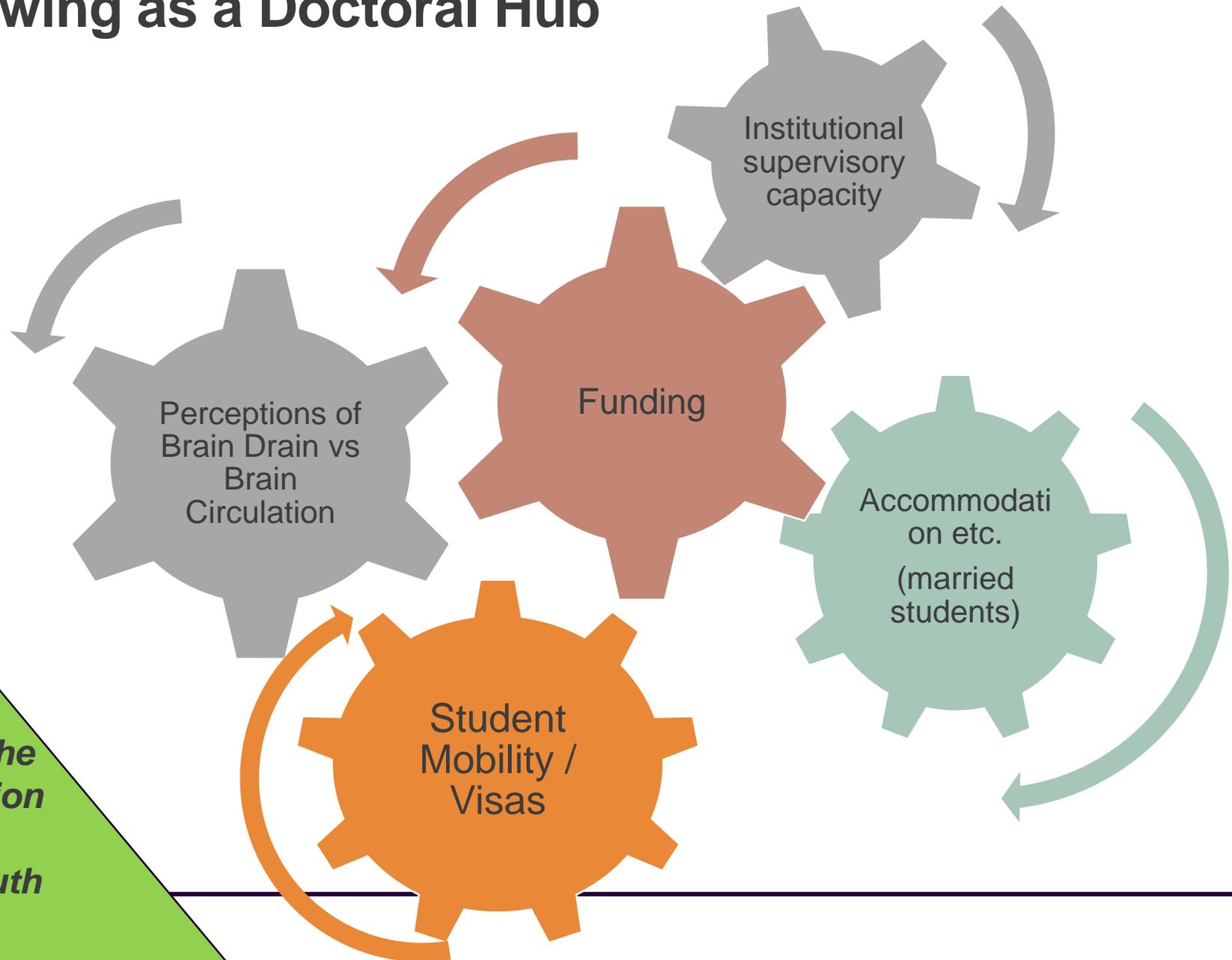
Trends

Trends in Doctoral Enrolments

- Overall in Africa there is growth although some African universities show inconsistencies and even decline
- In 2011: A study of 8 African Flagship universities showed a doctoral enrolment of 2614, with UCT at 1226
- Pipeline: More masters enrolments at African Universities and growing



Challenges to Growing as a Doctoral Hub



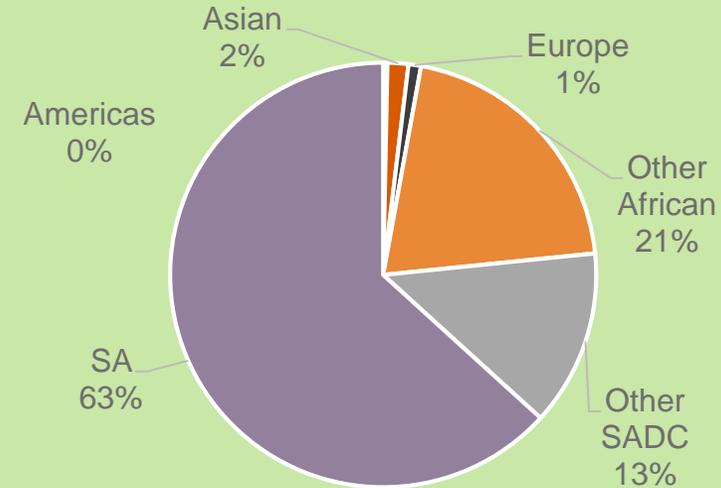
UJ Profile and International Student profile

UJ- Total	2018 Enrolments	2017 Graduates
Degrees	28,940	6,436
Diplomas and Certificates	12,570	3,533
Doctoral	1,262	126
Honours	2,147	1,629
Masters	3,572	679
Occasional	57	0
Other Postgraduate	1,647	601
Total	50,195	13,004

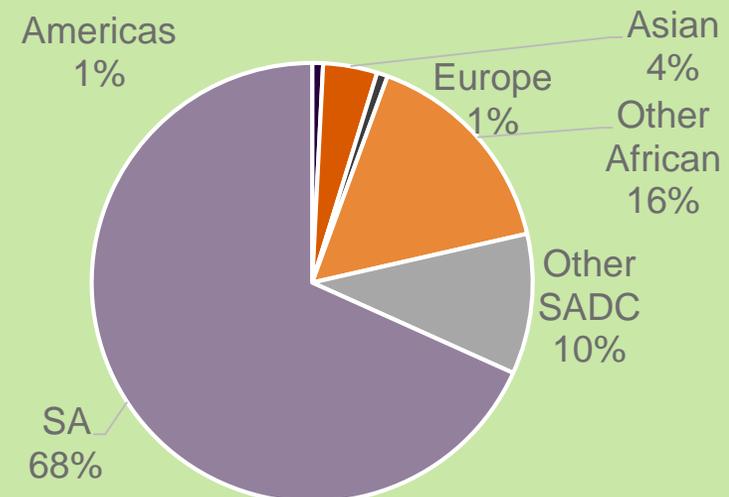
2017 Figures

- 9 Joint Programmes
- 201 Inbound students (total)
- 621 Outbound students (total)
- 12.55% PG Students international (target 15%)
- 5.84% UG Students international (target 10%)

Doctoral Enrolment Profile 2018



Doctoral Graduation Profile 2017



UJ International Collaborations



Accredited
PG
Diploma in
Supervision

Joint programmes

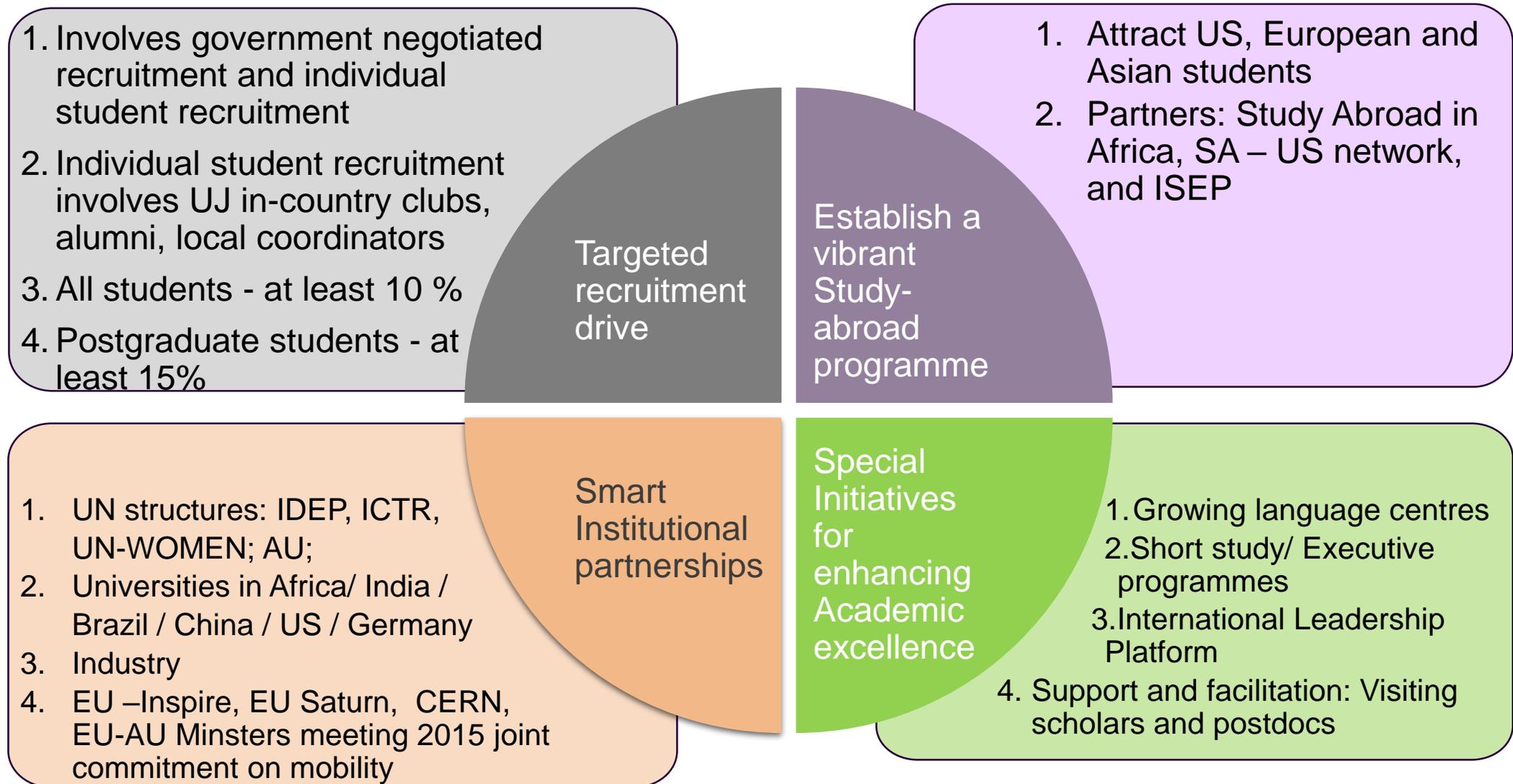
- Short-learning programmes
- Online programmes
- Full qualifications, starting with doctorates

Inbound/outbound programmes

- Balance between structured and unstructured programmes
- Neighbouring countries - SADC



Internationalisation – UJ Strategic Intent



National Principles and Initiatives towards Internationalisation of Doctorates

Principles

- Who's knowledge (decolonisation)
- Equitable knowledge sharing and knowledge building
- Our local challenges are international too
- International vs Pan-African developmental goals eg. energy, water and health, opportunities for interdisciplinarity studies
- National strategies coming onboard to change from nationalist perspective in Higher Education

Joint Initiatives

- Joint Doctoral Training Centres (UK)
- Strengthening Postgraduate Supervision (Nuffic -Netherlands)
- CERN – promotes collaborative research, PDRFs and pg students⁹



Opportunities



The Global Focus

- Joint doctoral programs
- Split-site doctoral programs
- Funding for international students, especially supporting excellence
- Supporting bilateral arrangements across countries
- Doctoral training schools
- Joint funding proposals
- Reciprocity is the key to building partnerships
- Joint supervision



The Pan-African Focus

All of the global opportunities AND:

- Growing the African Supervisory Capacity – PG Diploma (Maps on need for qualifications and not just training)
- Winter Supervision School, going to scale, upscaling quality
- Building knowledge on doctoral matters that is relevant to the continent
- Improve TTC through holistic support
Fostering innovation in doctoral education – e.g. supervisory models
- Funding models that privilege African students

