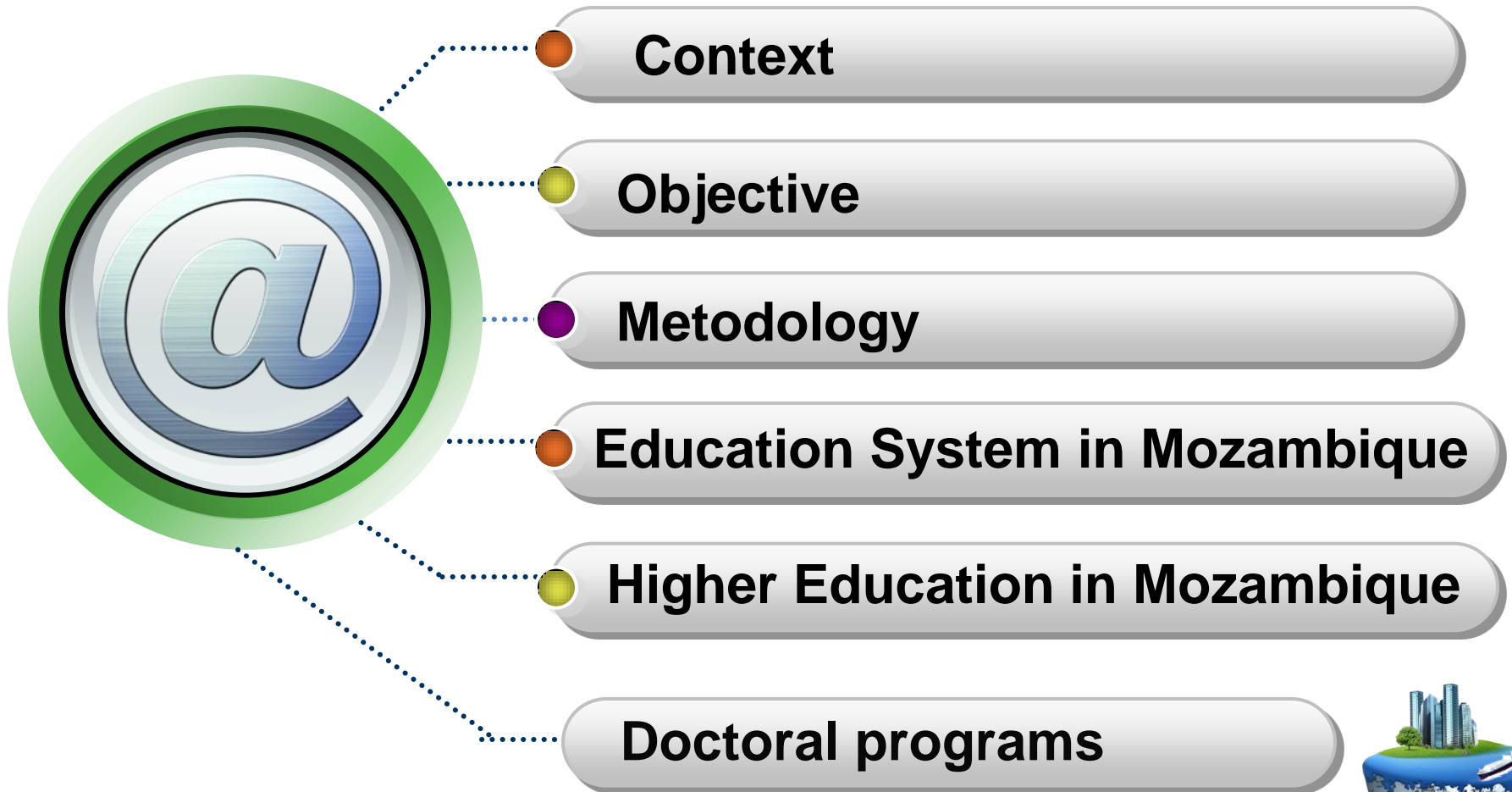


# Higher Education in Mozambique: Doctoral programs



Malasya, 31.07 – 02.08.2016

# Outline



# Context (1 of 2)



## Mozambique

- Área - 799 390 km<sup>2</sup>
- Population= 23 millions
- 75% is rural population
- Oficial Language- Portuguese
- 18 Local languages
- Mozambique shares land borders with: Swaziland, South Africa, Zimbabwe, Zambia, Malawi, Tanzania



# Context (2 of 2)



- ❖ Mozambique is a developing country in Sub-Saharan
- ❖ Became independent in 1975
- ❖ Human Development index is low
- ❖ The quality of education is another concern
- ❖ Adult illiteracy rate among the age of 15 years is above 50%





# OBJECTIVES

## Overall objective

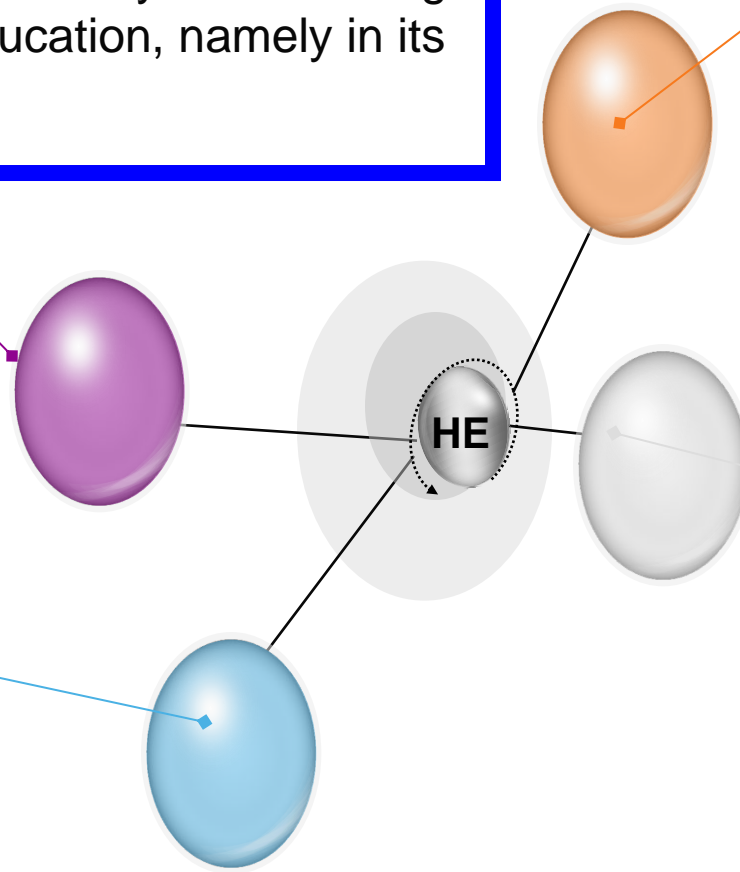
This study envisages the analysis of existing challenges in higher education, namely in its third circle.

Describe  
Mozambique  
Higher  
Education  
System

Describe the  
situation of Doctoral  
programs in  
Mozambique

Describe the  
situation of  
Doctoral  
programs in  
Mozambique

Establish the  
relation between  
Higher Education  
and Development  
of the country



# ***Metodology***

- ❖ Data available in the 2014 brochure Data of Higher Education in Mozambique.
- ❖ To describe the Mozambican Higher Education System and more precisely the 3rd circle, we will analyze the curricula of doctoral programs that are being offered with the intent of evaluating its relevance for the country development as well as identify the main challenges.



# ***Education System in Mozambique***

## **❖ Three essential levels:**

- Primary school (Grade 1- 7)
- secondary school and professional (Grade 8 - 12)
- Higher education: (3 cycles)

## **❖ Higher education – 3 Cycles of Studies:**

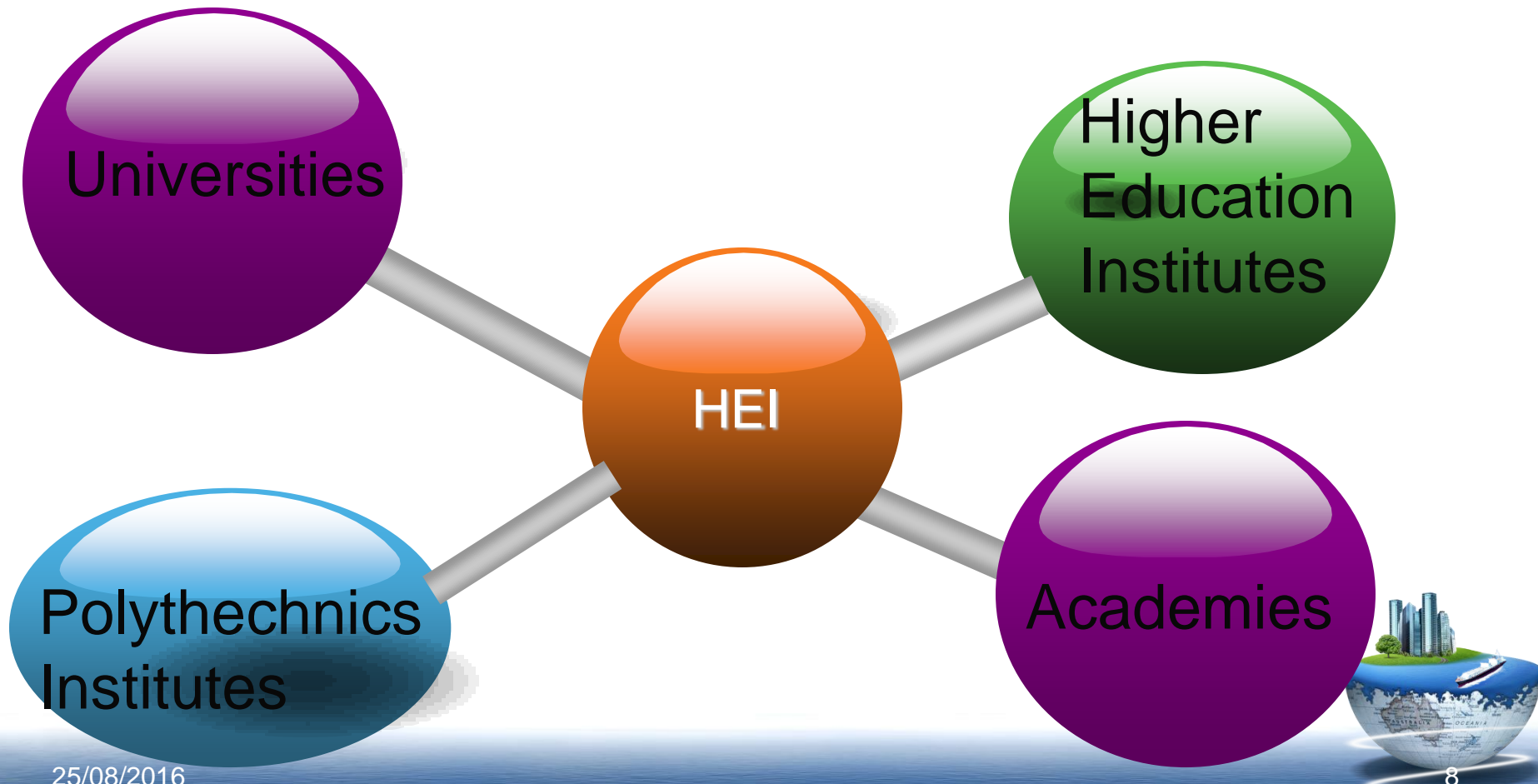
- BSc Honours - (Licenciatura) (4-5 years)
- Masters (2 years)
- PhD (3 years)



# Higher Education in Mozambique (1)

- ✓ 50 years
- ✓ 1st - 1962
- ✓ 2nd - 1985

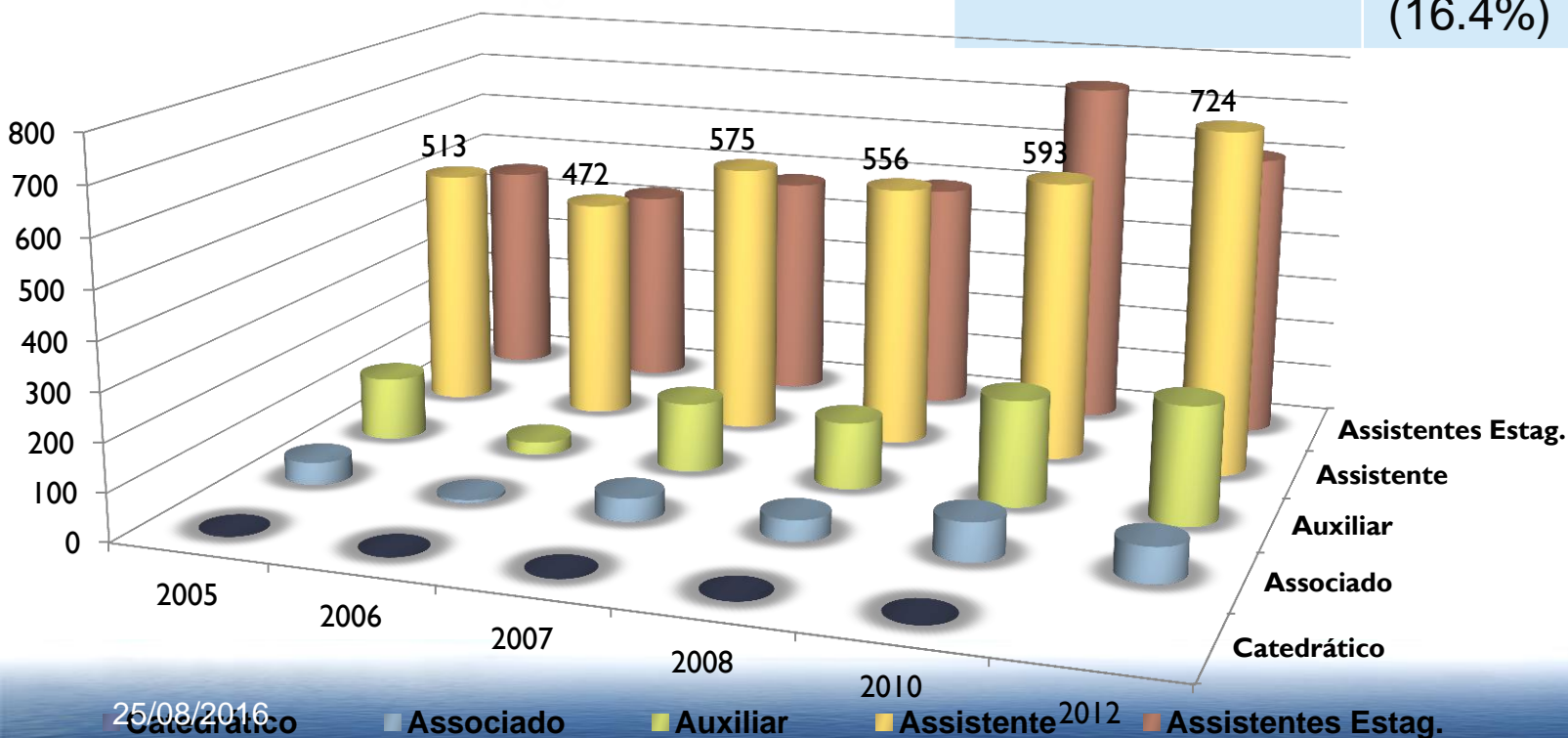
- ✓ 18 HEI Public Institutions
- ✓ 30 HEI Private Institutions





# Higher Education in Mozambique (2)

Lecturers		
	2009	2014
Lecturers	1341	16070
PhD Lects	221 (16.4%)	1069 (6.6%)



## ***Higher Education in Mozambique (3)***

students		
	2005	2014
Students	113.464	157,431

- ❖ According to 2014 statistic data, 157,431 students are enrolled in higher education in Mozambique for the degrees of Baccalaureate (Licenciatura), Masters and Doctorate.



# Higher Education in Mozambique (4)

## Laws and decrees

- ❖ Law of higher education (Decree nº 27/2009);
- ❖ Higher Education Strategic Plan 2012-2020; (with six strategic areas: Quality, Expansion, Access, Research, Services and Cross Cutting Actions).

The infrastructure issue is taken on board at a macro level through the SP for HE.

- ❖ The National Qualifications Framework of Higher Education (Decree 29/2009).



# ***Higher Education in Mozambique***

## **Doctoral Programs** (5)

### **Law nº 27/2009**

❖ Doctoral degree is defined as an academic qualification which is obtained in Universities at the end of the 3<sup>rd</sup> circle of training.

### **Law nº 29/2009**

❖ 3<sup>rd</sup> circle of training in higher education has got a minimum duration of three years or a minimum number correspondent of 180 academic credits

❖ The same Framework points out that the Doctoral degree is awarded to those that possess:

- Advanced technical specialized skills
- Synthesis and evaluation capacity to solve critical problems in the field of research and innovation
- Abilities to redefine knowledge and professional existing practices
- Capacity of research and innovation which contributes for the development of studies in the respective field
- Higher sense of authority, innovation, autonomy, scientific and professional integrity
- Capacity of independent research, initiative, originality and critic spirit



# *Higher Education in Mozambique (6)*

## Doctoral Programs

<b>Eduardo Mondlane University</b>	<b>Catholic University Of Mozambique</b>	<b>Pedagogic University</b>
Science and Energy Technology; Renewable Energy and; Linguistics.	Law; Philosophy in Business Study; Science Education and; Innovative Education.	Energy and Environment; Education and Curriculum and; Geography





# Higher Education in Mozambique (7)

## Doctoral Programs

Area	Percentage
Education	0,1%
Arts and Humanities	0.9%
Social sciences, Management and Law	0,04%
Natural sciences	0,07%

- ❖ From that total of students number in higher education level we have 0,07% of them enrolled in doctoral programs.



# ***Higher Education in Mozambique (8)***

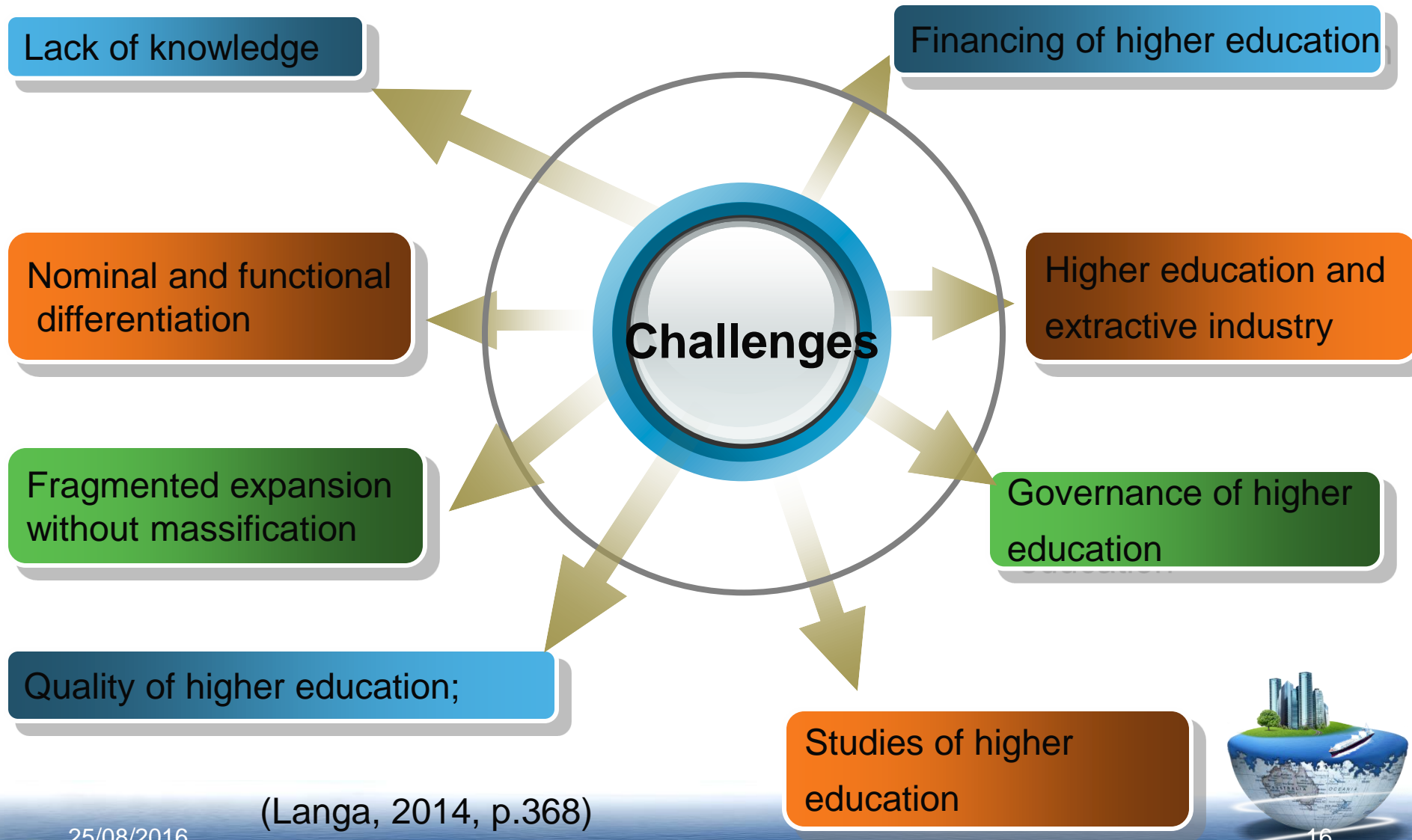
## **Doctoral Programs and development - Challenges**

- ❖ From 2009 to 2014 Mozambique registered an increase of 22,3% in terms of Doctoral programs. .
- ❖ Despite this improvement the country still needs a good amount of resources for the training of lectures for the 3<sup>rd</sup> circle.
- ❖ The statistics show that Doctoral students are under 1%, which is very low taking into account the developmental needs of the country.
- ❖ It is also important to note that the existing Doctoral programs are related to education, arts and humanities, social sciences and law.
- ❖ Doctoral programs in areas such as agriculture, engineering and health do still not exist and looking at the areas that the government defined as priority for development it is a great need for the country.
- ❖ Areas such as tourism, infrastructure and energy are also seen as a priority for the development of the country which therefore should be considered by higher education institutions in terms of Doctoral programs.



# Higher Education in Mozambique (9)

## Doctoral Programs and development - Challenges



# Final Remarks

- ❖ Mozambique there is a great need for the training of teachers at the Doctoral level which could improve the quality of education and research.
- ❖ The increase in lectures with a Doctoral degree has contributed to the quality of education and research
- ❖ The level of education is important for every society and particularly higher education.
- ❖ Higher education and research are crucial for development
- ❖ Areas such as agriculture, tourism, infrastructure and energy are priority for the development of the country





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