

KU8:

Consortium of
Universities in Kwara
STATE

Transforming UNIVERSITY Education in the
21st century:

The role of stakeholders

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KEY INDICATORS OF ATTAINING WORLD CLASS STATUS FOR NIGERIAN UNIVERSITIES

Modified Title

IMPERATIVES FOR NIGERIAN
(KU8) UNIVERSITIES TO BE
NATIONALLY AND
INTERNATIONALLY RELEVANT



ABOUT ME

Professor Musbau A. AKANJI, FAS

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Ilorin,

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Malete.

Ages of some
selected
Universities

- LZ - Zitouna, University, Tunisia 151
1,286yrs
- Al- Quaraouini Univ, Morocco 859
1,164yrs
- Al- Azhar University, Egypt 972
1,051yrs
- University of Bologna 1088
935yrs
- University of Paris 1150
873yrs
- University of Oxford 1167
856yrs
- University of Cambridge 1209
814yrs
- Harvard College 1636 387yrs

Ages of some
selected African
Universities

- Ez- Zitouna, University, Tunisia 737
1,286yrs
- Al- Quaraouini Univ, Morocco 859
1,164yrs
- Al- Azhar University, Cairo 972
1,051yrs
- University of Cape Town 1829
194yrs
- University of Pretoria 1908
115yrs
- Stellenbosch University, SA 1918
105yrs
- University of Ghana 1948
75yrs

Ages of KU8
Consortium
Universities

○ University of Ilorin, Ilorin 1975
48yrs

○ Al- Hikmah University, Ilorin 2005
18yrs

○ Kwara State University, Malete 2009
14yrs

○ Landmark University, Omu- Aran 2011
12yrs

○ Summit University, Offa 2015
8yrs

○ Ojaja University, Eiyenkorin 2016
7yrs

○ Ahman Pategi University, Patigi 2021
2yrs

○ Tl Al i i U i i i Ol 2021

P u r p o s e f o r
e s t a b l i s h m e n t o f
U n i v e r s i t i e s

Universities are established
to:

- generate **NEW Knowledge** by research
- spread such knowledge by **teaching** students
- apply results of research to **IMPROVE** the Community

Competition
between
Universities

All these universities all over the world are competing with each other, not only to be the **BEST**, but the **VERY BEST**

CHARACTERISTICS OF WORLD CLASS UNIVERSITIES

1. Very sound **FINANCIAL** Base
2. **Availability** of resources for quality **Teaching, Learning** and **Research**
3. Centres where radical thoughts could be expressed without hindrance
4. Where **research** could be conducted **unfettered**
5. Presence of **Students** and **Faculty** from **DIVERSE** places
6. **World Class** research output
7. Good number of **World Class Publications** (Citation of work done in the **University**)
8. Prize winners among Faculties (e.g **Nobel Prize, NNOM, FAS, SAN, FNAL, FNAE** etc)
9. Recognition by outside world (**Ranking**)
10. **Attraction** and **Retention** of **Best Staff**
11. Produce **ALUMNI** who occupy **positions of influence** locally, nationally and globally
12. Signing **MoU** with International **Universities** and **Organizations**

Webometric Ranking of some Universities (July, 2023)

(*as at 06/08/23)

- World Ranking
- 1. Harvard University, USA
- 2. Stanford University, USA
- 3. Massachusetts Inst. Technology
- 4. University of Oxford, UK
- 5. University of California Berkeley, USA
- 6. University of Michigan
- 7. Cornell University, USA
- 11. University of Cambridge, UK
- 16. University of Toronto, Canada

Webometric Ranking of some Asian Universities (July, 2023)

(*as at 06/08/23)

- World Ranking
- 21. Tsinghua University, China
- 24. Peking University, China
- 44. National University of Singapore, Singapore
- 63. Shanghai Jiao Tong University, China
- 69. University of Tokyo, Japan
- 73. University of Hong Kong
- 502. Indian Institute of Technology, Bombay
- 511. Indian Institute of Technology IIT, Madras, India
- 514. Indian Institute of Technology IIT, Kharagour, India
- 540. Indian Institute of Technology, Delhi

Webometric Ranking of some
African Universities (July,
2023)

(*as at 06/08/23)

World Ranking	Africa Ranking
○ 237. University of Cape Town, SA	1
○ 392. University of Witwatersrand, SA	2
○ 437. University of Pretoria, SA	3
○ 521. Cairo University, Egypt	5
○ 883. Mansoura University, Egypt	10
○ 1080 University of Ghana, Ghana	16
○ 1138 University of Ibadan, Nigeria	21
○ 1184 Addis Ababa University, Ethiopia	24
○ 1205 Al Azhar University, Egypt	25
○ 1294 University of Lagos, Nigeria	26

Webometric Ranking of KUS Universities (July, 2023)

(*as at 06/08/23)


Ranking

2, 229.	Landmark University, Omu- Aran	63
3, 043. 111	University of Ilorin, Ilorin	
3, 577. 155	Kwara State University, Malete	
7, 365. 389	Thomas Adewumi University, Oko	
14, 909 705	Al- Hikmah University, Ilorin	
15, 662. 747	Summit University, Offa	
20, 018 1, 058	Ojaja University, Eiyenkorin	
---	Ahman Pategi University, Patigi	

LOOKING BACK: WESTERN EDUCATION IN NIGERIA



- Christian missionaries introduced what can be termed western education c1842 in costal Lagos
- To train lay readers, shop keepers, clerks, messengers & interpreters
- This took place between 1842 & 1882



Yaba College (later, Yaba Polytechnic) was established in 1934 as the 1st Post Secondary (tertiary level) Institution to train Technicians for the Public Works Department (PWD)

Purpose for
establishment of
Universities in NIGERIA
(and most of Africa)

- Training high- level personnel to man offices to be evacuated by colonialists
- Production of high- level technical manpower for rapid industrialization
- Generate New Knowledge by research
- Spread such knowledge by teaching students
- Apply results of research to **IMPROVE** Community

TYPES OF RESEARCH

○ Basic Research

understanding of nature and characteristics of its constituents

e.g. typing of blood in man;

bonding characteristics in elements;

polymerization reactions in organic compounds;

radioactivity;

types of nutrients required for growth; etc

○ Applied Research

exploiting nature to get a desired result

e.g. nuclear chain reaction to manufacture atomic bomb;

test-tube babies;

manufacture of polyvinyl compounds -

plastics;

High-yielding genetically-modified crops; etc

2022 Nobel Prize Winners

- **Physics** : Alain Aspect, John Clauser & Anton Zeilinger for their work on 'entangled quantum entanglement'
- **Chemistry**: Carolyn Bertozzi, Morten Meldal & Barry Sharpless for their work on 'Click chemistry and bioorthogonal chemistry'
- **Physiology/Medicine**: Svante Paabo for his 'discoveries concerning genome of extinct hominins and human evolution'

VEHICLES DEVELOPED TO USE WATER (L) & ELECTRICITY (R)



Types of
researches
needed in
Nigerian
Universities

- Any nation that can not FEED itself can not develop. Therefore the most important research needed is in agriculture and related areas (MDG 1, ; SDG 1, 2, 12, 14, 15).
- Health, especially children and maternal health, tropical diseases (MDG 4, 5, 6; SDG 3, 6).
- Energy (SDG 7, 12)
- Others

Stakeholders of
KU8
Universities

- Proprietors
 - Federal Government
 - State Government
 - Private Organization/Individual
- Students
- Staff
- Community

KU 8 Imperatives

- Collaboration is the process of two or more people, entities or organizations working together to achieve a set goal.
- It is similar to cooperation.



REASONS TO COLLABORATE

○ Complexity of Research

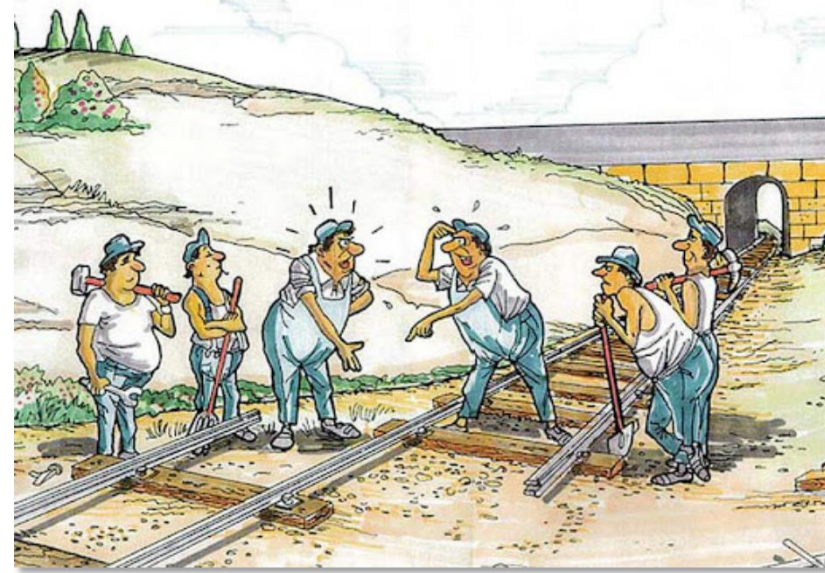
Collaborative research has the capabilities for exchanging ideas across disciplines, learning new skills, access to funding, higher quality of results, radical benefits, and personal factors such as fun and pleasure.



Interaction

–

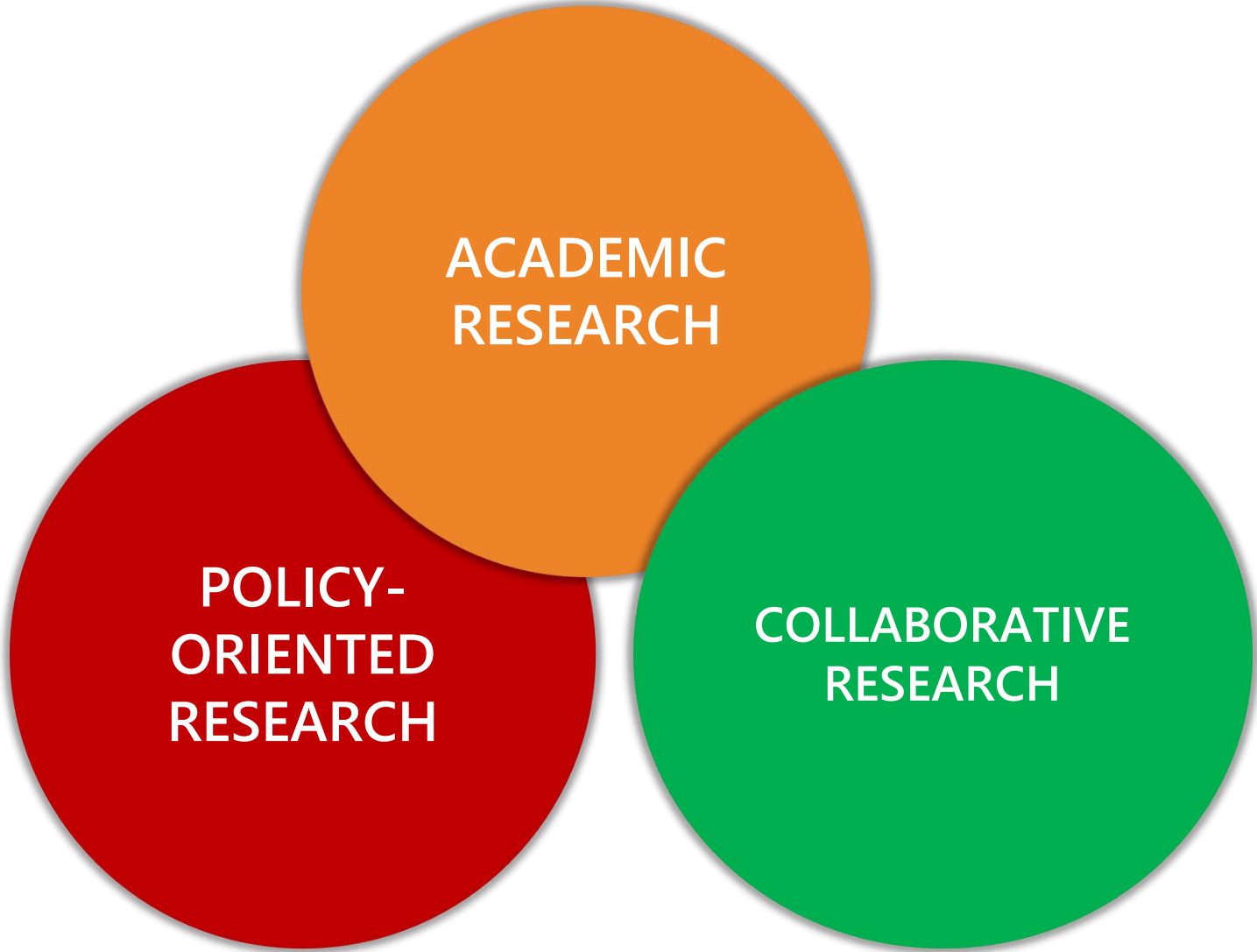
Do we need
to
collaborat
e ?



INTERACTION

Where do we need
collaboration ?







REASONS TO COLLABORATE

First

Complexity of Research



Second

Funding Opportunities



Third

Ease of Communications

REASONS TO COLLABORATE

○ Funding Opportunities

Increased collaborations can save considerable time and money, and most often, breakthrough research comes through collaborative research rather than by adhering to tried and true methods.



REASONS TO COLLABORATE

○ Ease of Communications

Collaboration encourages the establishment of effective communication and partnerships and also offers equal opportunities among the team members.



Collaboration among KU8 members

- From the ages of KU8 members, Unilorin, the oldest is 48 years while Thomas Adewumi and Ahman Patigi are 2 years old, Collaboration is not one member bringing everything that is needed. It is for each member to contribute according to its strength.
- However, the older members are expected to help in uplifting the younger members because they are expected to be more mature

Therefore, to
be relevant
Regionally,
Nationally and
Internationall
y

- KU8 should concentrate on researches that will have impact on its immediate environment, Kwara State;
- Applied research relevant to immediate environment should be encouraged more;
- KU8 should deliberately look for relevant industries for the uptake of its research findings.
- KU8 should collaborate with reputable universities and institutes around the world, especially in Africa, Asia and North America;
- Universities should dedicate a percentage of its income to fund research in addition to TETFund and other provision;

○

Final words

In order to make the concept of KU8 work effectively;

- the Proprietors should allow the Laws which governs individual University to be applicable. A situation where arbitrariness is enthroned will draw the University backward. This is more applicable in Private Universities.
- The Vice-Chancellors should stand by the University in ALL CASES to advance the course of learning and research

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FOR YOUR ATTENTION**



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