



Co-funded by
the European Union



Advancing Sustainable Agricultural Value Chains through Strengthening Transdisciplinary Skills and Cooperation in East African Doctoral Education

Erasmus+
project
conducted
by:



UGANDA CHRISTIAN
UNIVERSITY
A Centre of Excellence in the Heart of Africa



UNIVERSITY OF NAIROBI



and
supported
by:

European Alliance in Agricultural Knowledge for Development, Belgium; National Agricultural Research Organization, Uganda; National Council of Higher Education Uganda, Uganda, Kenya Agricultural and Livestock Research Organisation, Kenya; Ministry of Education Science and Technology, Kenya

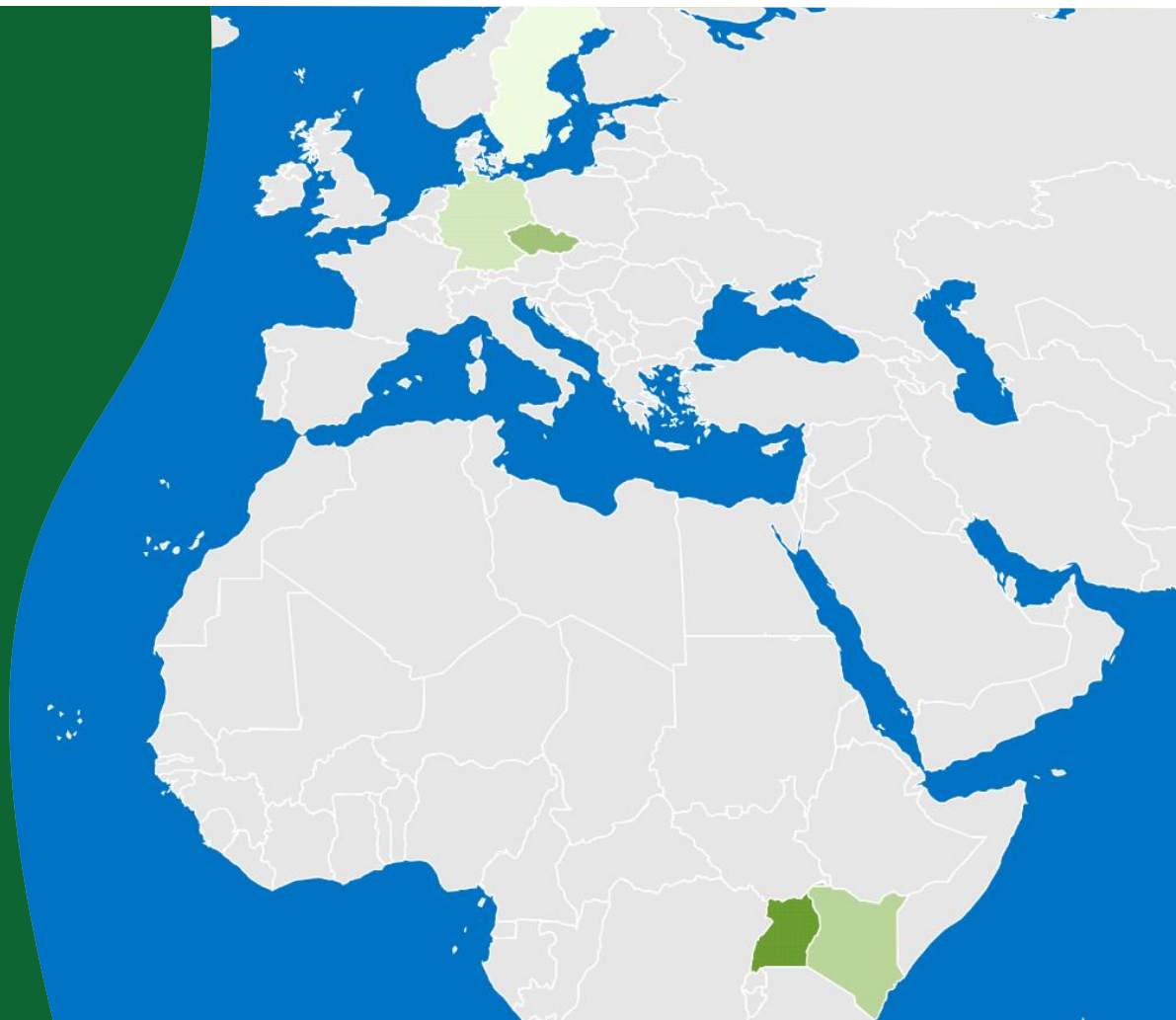


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the European Union

Project consortium

ADVALUE

Advancing Sustainable Agricultural Value
Chains through Strengthening Transdisciplinary
Skills and Cooperation in East African Doctoral
Education



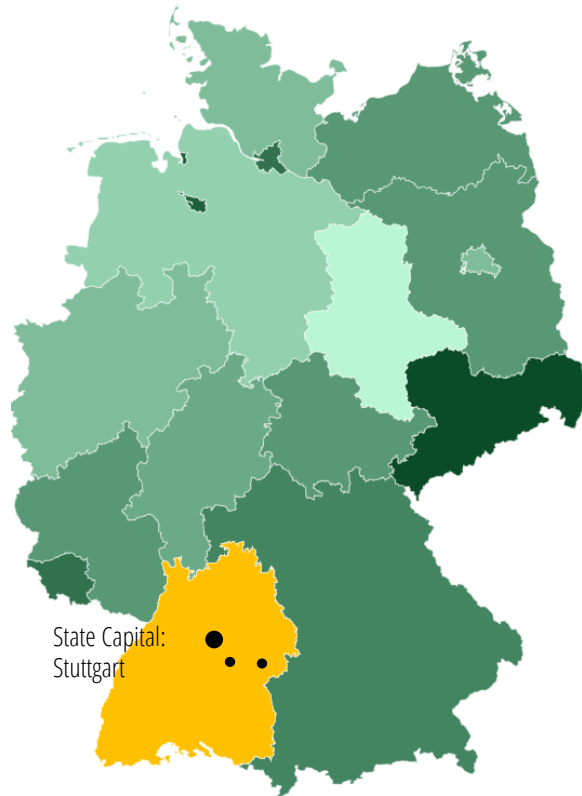


1. Project consortium

	Legal Name	Short name	Country	role
P1	Nuertingen-Geislingen University	NGU	Germany	Coordinator
P2	German Institute for Tropical and Subtropical Agriculture	DITSL	Germany	Beneficiary
P3	Czech University of Life Sciences Prague	CZU	Czech Republic	Beneficiary
P4	Swedish University of Agricultural Sciences	SLU	Sweden	Beneficiary
P5	Makerere University Kampala	MAK	Uganda	Beneficiary
P6	Uganda Christian University	UCU	Uganda	Beneficiary
P7	University of Nairobi	UoN	Kenya	Beneficiary
P8	Pwani University Kilifi	PU	Kenya	Beneficiary
P9	Regional Universities Forum for Capacity Building in Agriculture	RUFORUM	Uganda	Beneficiary
P10	European Alliance in Agricultural Knowledge for Development	AGRINATURA	Belgium; Czechia	Associated partner
P11	National Agricultural Research Organization	NARO	Uganda	Associated partner
P12	National Council of Higher Education Uganda	NCHE	Uganda	Associated partner
P13	Kenya Agricultural and Livestock Research Organisation	KALRO	Kenya	Associated partner
P14	Kenya Ministry of Education Science and Technology	MoEST	Kenya	Associated partner



NGU: Nürtingen-Geislingen University



State Capital:
Stuttgart

State: Baden-Württemberg: 36 km², ~ 11 Mio inhabitants
Germany: 357 km², ~ 85 Mio inhabitants



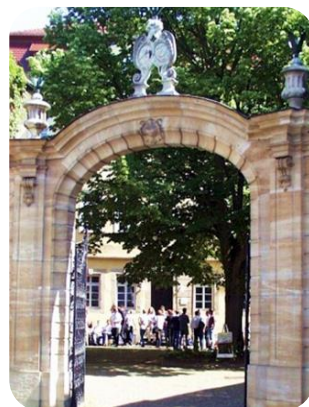
Nuertingen

Geislingen



NGU

- Public University of Applied Sciences since 1972
- Founded in 1949 as a College for Agricultural Engineering
- teaching and research focus within Business & Economics and Agriculture & Landscape Planning
- inter- and transdisciplinary research
- Sustainable Development



32 full- time
degree programs

17 bachelor degree programs

15 master degree programs

18 part-time
degree programs

6 bachelor degree programs

12 master degree programs

5,200 students

4 faculties,
2 campuses

850 staff

132 professors, 298 employees

422 lecturers

300 international
students

50 exchange students per semester

100+ partner universities worldwide



NGU

PhD education in
co-operation with
full universities, esp.
University Hohenheim
for agricultural topics



Faculty of Agriculture, Economics and Management

Bachelor Degree Programs

- Agriculture (B.Sc.)*
- Equine Management (B.Sc.)*
- Future Economics (B.Sc.)

* *also as dual studies*

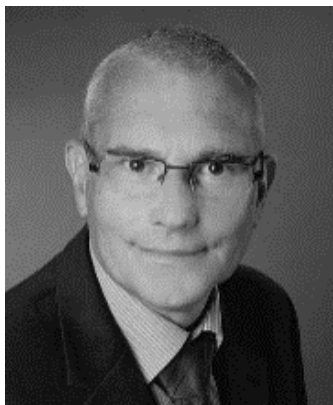


Master Degree Programs

- International Management (MBA), *English*
- Sustainable Food and Agricultural Business (M.Sc.)
- Business Process Management (M.Sc.)



NGU - Project Team in ADVALUE and



Prof. Heinrich Schüle Study
Dean Agriculture, Professor
for Farm Management.
Project lead



Dr. Angelika Thomas
Advisory work, knowledge
transfer in agriculture and
rural development. Project manager



Veronika Pranko
Project (financial)
Manager



Natalja Wagner Back
office and
administration



Ines Maurmann
Project assistant



Sara Pfaff
research assistant
and Erasmus+ Project
manager



Anna Borsuk
Erasmus+ Project
manager



Co-funded by
the European Union

Karte aus Sommerschulpresentation

DITSL German Institute for Tropical and Subtropical Agriculture



in Witzhausen
Germany



Cherrytown



Transdisciplinary and Social-ecological Landuse Research



Transdisciplinary
research



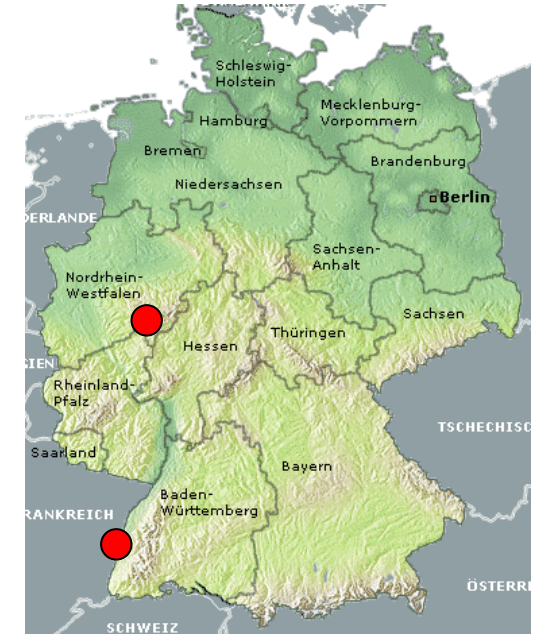
Agricultural value
chains and food
systems



Pastoralism and
rangelands



Agroecology and
organic farming





Co-funded by
the European Union

DITSL German Institute for Tropical and Subtropical Agriculture



Dr. Christian Hülsebusch
(CEO)



Prof. Dr. Brigitte Kaufmann
(Director Research)



Dr. Margareta Lelea
(Senior scientist)



Dr. Lilli Scheiterle
(PostDoc)



Inka Seibel
(Financial administration)



Angela Nayakato (BSc)
(Student assistant)



CZU Czech University of Life Sciences Prague



Czech University
of Life Sciences Prague

- Since 1952, currently 18,000 students (6,000 international)
- 6 faculties and 1 institute:
- Faculty of **Tropical AgriSciences**
- Faculty of **Agrobiological, Food and Natural Resources**
- Faculty of **Economics and Management**
- Faculty of **Engineering**
- Faculty of **Environmental Sciences**
- Faculty of **Forestry and Wood Sciences**
- Institute of **Education and Communication**





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the European Union

CZU Czech University of Life Sciences Prague



Czech University
of Life Sciences Prague



Double Degree
Programme



Global
Forestry

Horizon Europe (2021 – 2027)

- **AGRIGEP** Assessment and implementation of Agriculture and Life Science Universities' first Gender Equality Plans in widening countries
- **DIGITAF** DIGItal Tools to help AgroForestry meet climate, biodiversity and farming sustainability goals: linking field and cloud
- **OSIRIS** Open Science to Increase Reproducibility in Science
- **COMUNIDAD** Combined use of EGNSS and Copernicus data to develop innovative downstream services for the users from Chile and Colombia



Erasmus+

eurasia

EURASIA2
EUROPEAN ACADEMIC MOBILITY NETWORK WITH ASIA



ALFABET

Asia • Life • Food • Agriculture • Biology • Economics • Technology

ASK
Asia

SIMPLE

EULAinks

EULAinks
EUROPEAN UNION LATIN AMERICA ACADEMIC LINKS





Co-funded by
the European Union



CZU Czech University of Life Sciences Prague



Czech University
of Life Sciences Prague

ADVALUE Project Team



prof. PhDr. Michal Lošťák, Ph.D.

Vice rector for International Relations
Department of Humanities

WP4: Module 1: Scientific working



Petra Chaloupková, Ph.D.

Vice dean for International Relations FTA
Department of Economics and Development

Project coordinator
WP4: Module 4: Value chain
WP6: Quality and Assurance



Jana Mazancová, Ph.D.

Vice dean for strategy FTA
Department of Sustainable Technologies

WP4: Module 4: Value chain (gender)
WP6: Quality and Assurance
Gender dimensions



Tereza Brůna Slámová, Ph.D.

International Relations Office
FTA/Rectorate

Administrative support
PR



Faculty of Economics
and Management



Faculty of Tropical
AgriSciences



Partnership presentation



SCIENCE AND EDUCATION **FOR** **SUSTAINABLE** **LIFE**

Key role in the development for
sustainable life, based on science
and education

4,400 FULL-TIME STUDENTS

535 DOCTORAL STUDENTS

46 DEGREE PROGRAMMES

4,200 MILLION IN TURNOVER 2022 (Sek)

3,200 FULL-TIME EMPLOYEES

218 PROFESSORS



Department of Plant Breeding, SLU



About 100 colleagues
(incl. 34 PhD students (some on fellowships)
20 technical personnel
40 junior & senior researchers)

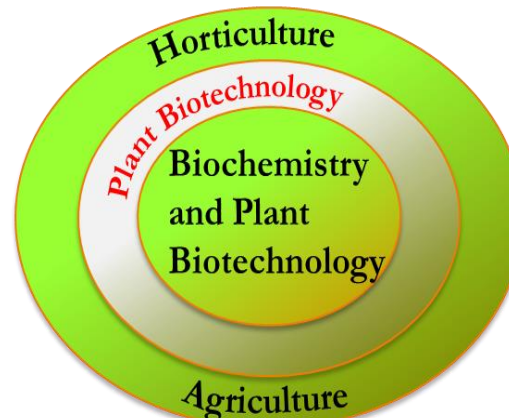
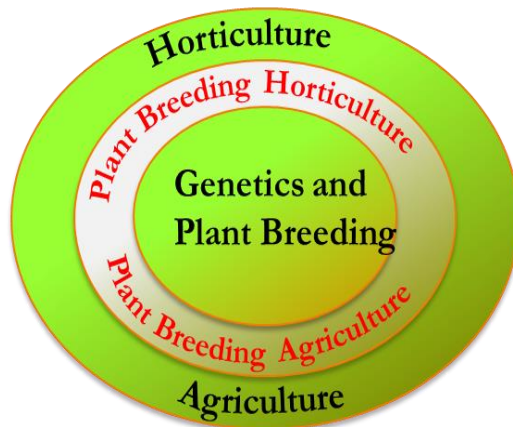
Head of Department: Anders S. Carlsson anders.carlsson@slu.se
Deputy Head: Assoc. Prof Ramesh Vetukuri ramesh.vetukuri@slu.se

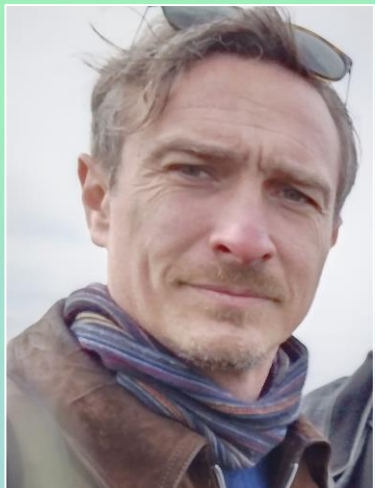


Our research and education in the three overarching areas:

- Genetics and Plant Breeding
- Biochemistry and Plant Biotechnology
- Plant Product Quality

It spans both Horticulture and Agriculture





Erik Alexandersson
WP Leader; Remote sensing,
Plant Biologicals



Anna Maňourová
Coordinator

Meet the SLU team!

Responsible mainly for WP4

Administrative
Support:
Ioannis Dimitriou
Geir Løe



Per Sandin
Ethics in Science



Camilla Söderquist
SLU Library



Per Hofvander
Plant Biotech



Aakash Chawade
Crop breeding, Remote
sensing, Phenotyping



Teun Dekker
Sustainable Innovation in
Insect Control



Makerere University

- Makerere University was established in 1922. The university has a large student body, slightly over 34,000, the majority of whom are undergraduate. It has nine colleges, and school and four institutes.
- MAK offers 136 undergraduate (2 diplomas & 134 bachelors) programmes and 179 graduate (16 postgraduate diplomas & 153 masters) programs. The university offers doctoral degrees by research only or by dissertation (10 programs).
- Makerere attracts many research grants and has collaborations with many leading funders including, the World Bank, DAAD, the European Union, DANIDA, NORAD.
- It has a solid management structure that includes a Directorate of Finance for overseeing financial management.
- It has many policies that guide research and also regulate procurement and disposal of the university. Makerere University has a highly skilled manpower, both for research and administration.

<https://www.mak.ac.ug/about-makerere>



Makerere University (MAK)- Project Team in ADVALUE



Prof. John R.S. Tabuti
Educator, Ethnobotanist
Makerere University, College of Agriculture
and Environmental Sciences.
Project lead/Mak

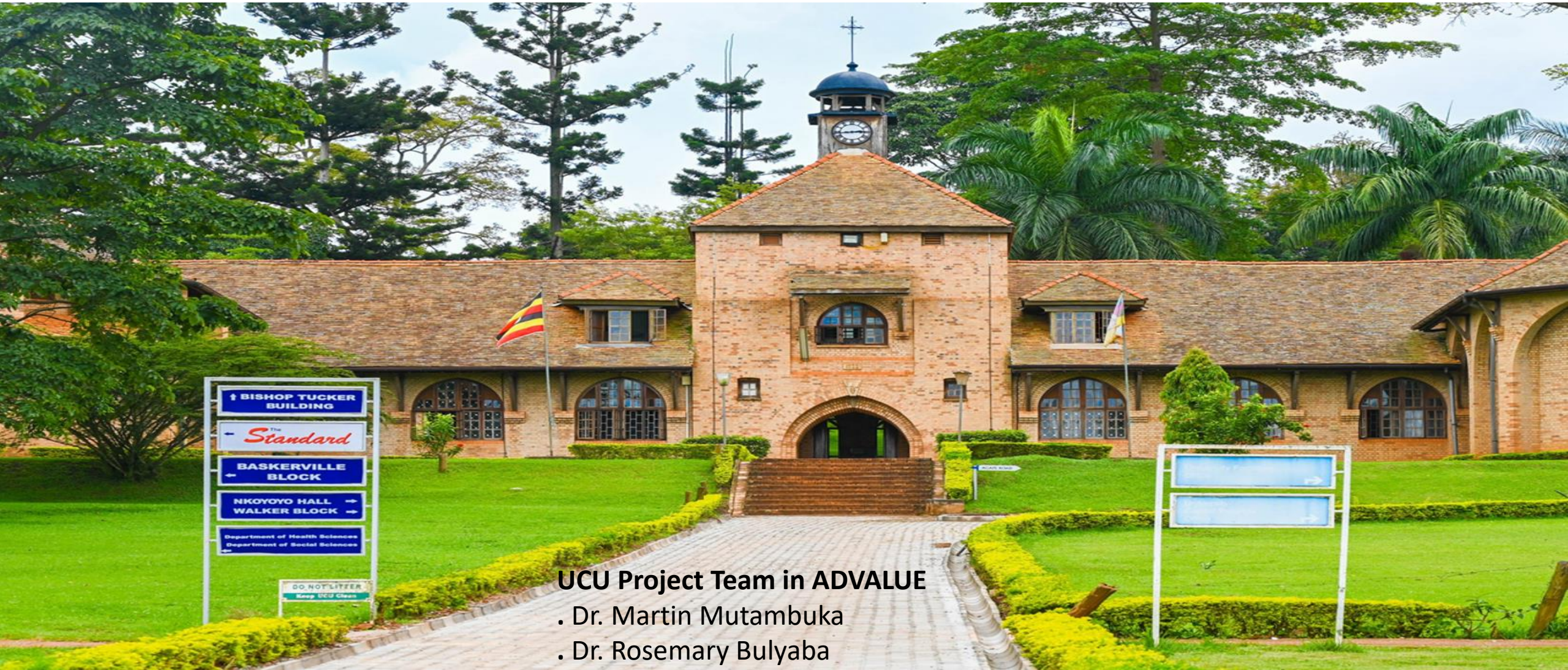


Laban Lwasa, MBA
Administrative Assistant at
Grants Administration and
Management Support Unit.
Team Member



Co-funded by
the European Union

Uganda Christian University



UCU Project Team in ADVALUE

- . Dr. Martin Mutambuka
- . Dr. Rosemary Bulyaba



Co-funded by
the European Union

Uganda Christian University

Private University administered by
the [Church of Uganda](#) located in Mukono,
Uganda (main campus)

Founded in 1997 with 15,000 + students

Motto: Alpha and Omega: God the
Beginning and the End

Vision: A Centre of Excellence in the Heart
of Africa

Mission: To Equip students for productive,
holistic lives of Christian faith and service





Uganda Christian University

Virtual campus tour: Link

<https://youtu.be/hzXCMfchl30>



Regional colleges

- Bishop Barham University College-kabale
- UCU Mbale University College
- [UCU Arua Campus](#)
- [UCU Kampala Campus](#)
- Ntawo (649 acres)

Links

- 1) <https://edt.ucu.ac.ug/>
- 2) <https://fas.ucu.ac.ug/>
- 3) <https://jmc.ucu.ac.ug/>
- 4) <https://phnm.ucu.ac.ug/>
- 5) <https://law.ucu.ac.ug/>
- 6) <https://educ.ucu.ac.ug/>
- 7) <https://ucu.ac.ug/faculties-and-schools/ss.ucu.ac.ug>
- 8) <https://business.ucu.ac.ug/>
- 9) <https://medicine.ucu.ac.ug/>

Directorates, Schools and Faculties¹

- Directorate of Postgraduate studies (FD)
 - Directorate of Research Partnerships and Innovation
1. Faculty of Engineering, Design & Technology
 2. Faculty of Agricultural Sciences ²
 3. School of Journalism, Media & Communication ³
 4. School of Public Health, Nursing & Midwifery ⁴
 5. School of Law ⁵
 6. School of Education ⁶
 7. School of Social Sciences ⁷
 8. Bishop Tucker School of Divinity & Theology
 9. School of Business ⁸
 10. School of Medicine ⁹
 11. School of Dentistry



Uganda Christian University

Academic excellence, community service, and a strong Christian ethos.

Over **80** Undergraduate, Postgraduate, Masters and PhD Programmes.

3 Schools **3** Faculties

4 Graduations a year and instant issuance of transcripts and academic certificates

UGANDA CHRISTIAN UNIVERSITY
A Centre of Excellence in the Heart of Africa

CALL FOR APPLICATIONS
MAY/TRINITY 2023 INTAKE

0312 350 880 ucu.ac.ug
0741 902 514 admissions@ucu.ac.ug

Over **15** Nationalities. UCU is a multicultural community

Hub for Research and Partnerships
which offer students and faculty opportunities for exchange programs, research collaborations, and international exposure.

Leading Open Distance E-Learning (ODEL) institution and e-campus

1200 Capacity state-of-the-art library

80% Compound Coverage

Multidisciplinary sporting champions.

Quick facts

- First chartered private university by GoU
- 4-time winners of the NCHE exhibition
- Sports teams
- Most beautiful and cleanest campus
- E-learning
- 1st cohort of medical doctors graduated last year
- Instant Graduation and Transcript Issuance on graduation day



Uganda Christian University

Faculty of Agricultural Sciences

1. Bachelor of Agricultural Science and Entrepreneurship (BASE – 4yrs)
2. Bachelor of Science in Food Science and Technology (BFST – 4yrs)
3. Bachelor of Science in Human Nutrition and Dietetics (BHND – 4yrs)
4. Masters of Science in Human Nutrition (MSHN-2yrs)
5. Masters of Science in Agribusiness Management and Entrepreneurship (MABE – 2yrs)
6. Masters of Science in Agriculture and Rural Development (MARD – 2yrs)
7. Masters of Science in Agriculture by Research (Crop Science/ Animal Science options) (MSAR– 2yrs)
- 8. Doctor of Philosophy in Agricultural Systems and Value Chain Management (PASV – 3yrs)

Community outreach is emphasized





UCU Uganda Christian University

Selected Research

- African indigenous vegetables

UCUNAKATI 1(E16), UCUNAKATI 2(E15) & UCUNAKATI 3(E11) **1st registered varieties in Uganda** National Variety Release committee of the Ministry of Agriculture, Animal Industry and Fisheries (MAAIF)

- Cowpea research
- Cricket research and Cricket feed
- Using vegetables for treatment of non communicable diseases (SoM – FAS)
- Integrated Energy & Resource recovery System (IEARRS) (FEDT-FAS)
- Charcoal cooler
- Pumpkin and seed value addition



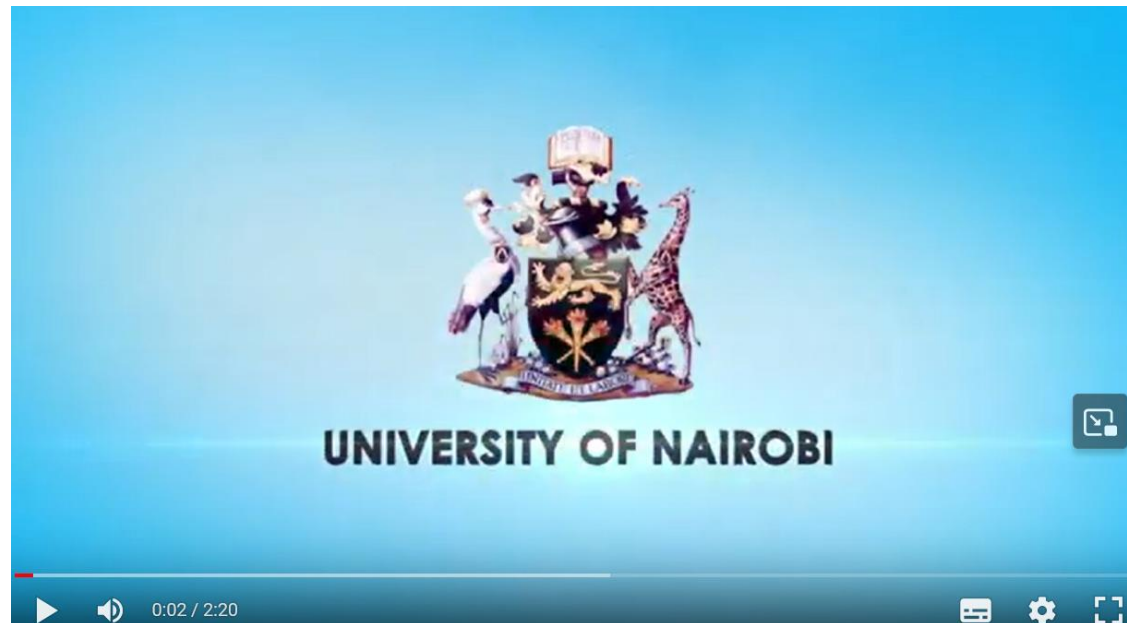


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University of Nairobi

[University video presentation \(MP4\)](#)

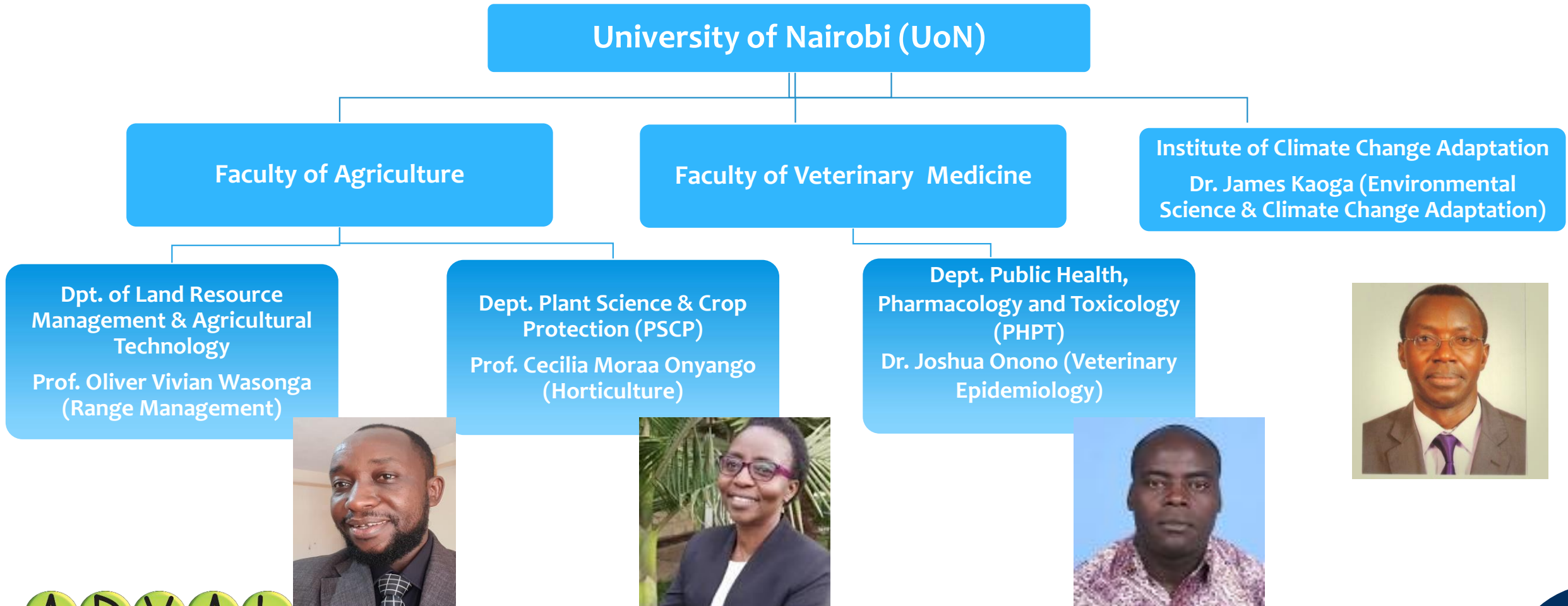
<https://drive.google.com/file/d/1SbxoOFCxkKp9fGtq0SwcmwLOg4L35Jq-/view?usp=sharing>



ADV A L U E

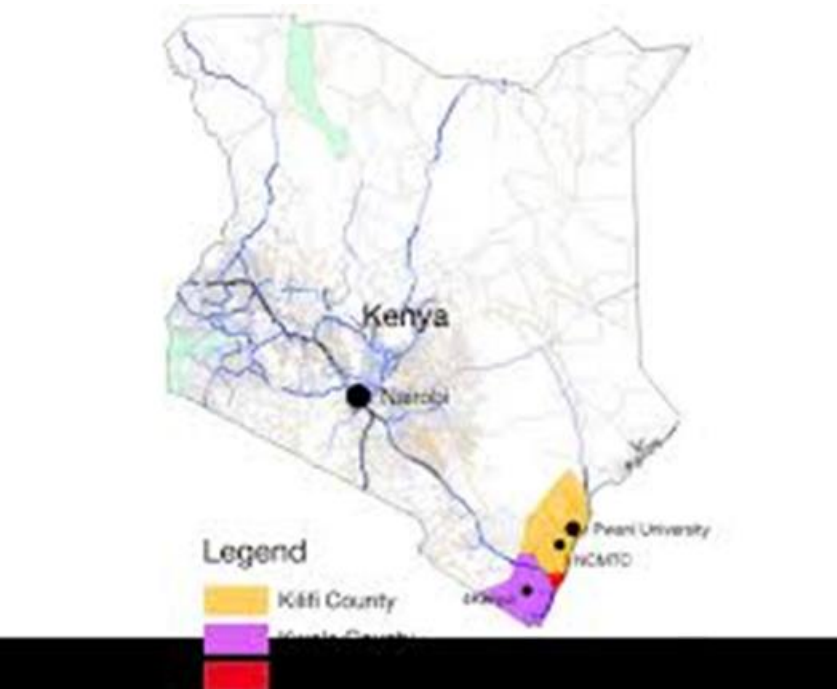


University of Nairobi: Team-ADVALUE





PU Pwani University Kilifi



University main gate



Beach activities



Mnarani, Kilifi



Main administration block



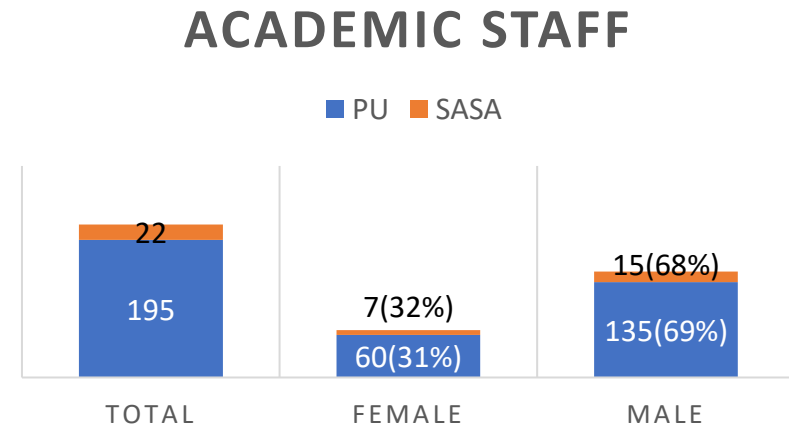
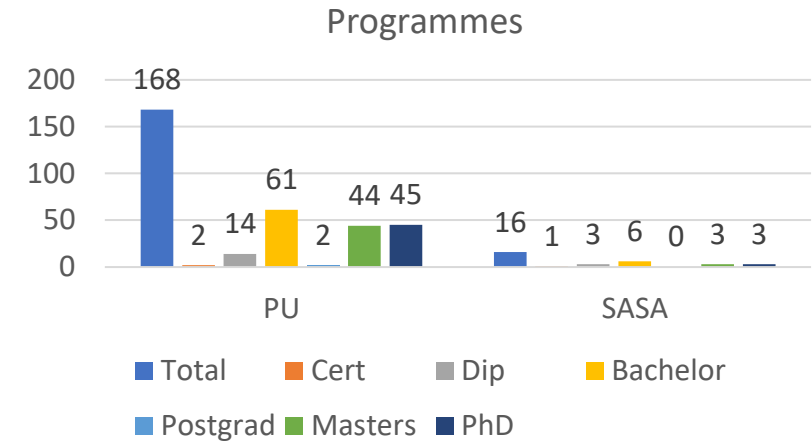
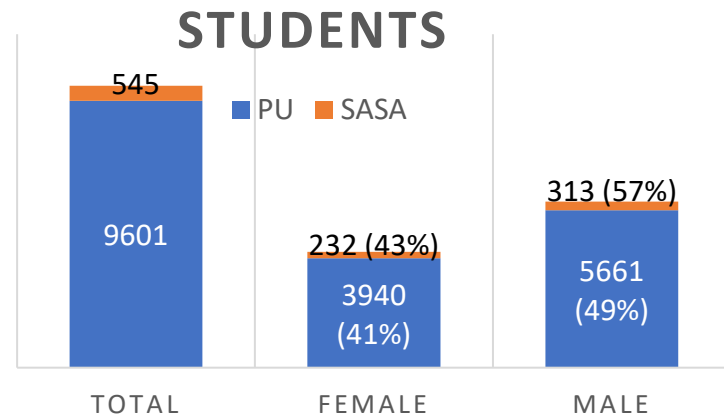
Giriama community



Gede ruins

About Pwani University- PU

- PU is a public university in Kilifi County, Kenya, located 60 km north of Mombasa in the resort town of Kilifi.
- PU, formerly the Kilifi Institute of Agriculture, was established on 23 August, 2007.
- It occupies approximately 239 ha of land.





PU- Project Team



Dr. Elisha Otieno Gogo (PhD)
Senior Lecturer, Horticultural
Sciences- Project Manager



Prof. Nicholas Odongo (PhD)
Associate Professor in Animal
Sciences- Trainer



Dr. Flaura Kidere (PhD)
Senior Lecturer, Sustainable
Enterpreneurship- Trainer



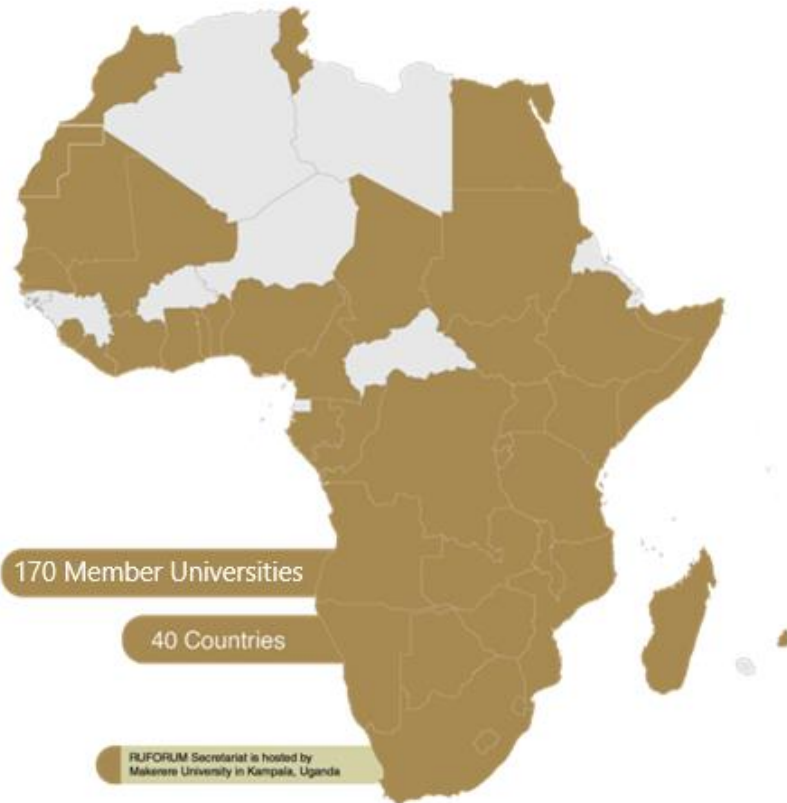
Dr. Rose Kiagthi (PhD)
Registrar, Research and
extension- Administrator



Mr. Peter Guni
ICT- Website



RUFORUM Regional Universities Forum for Capacity Building in Agriculture



Vision

Vibrant, transformative universities catalyzing sustainable, inclusive agricultural development to feed and create prosperity for Africa.

RUFORUM Founded in 2004 by African Vice Chancellors to:

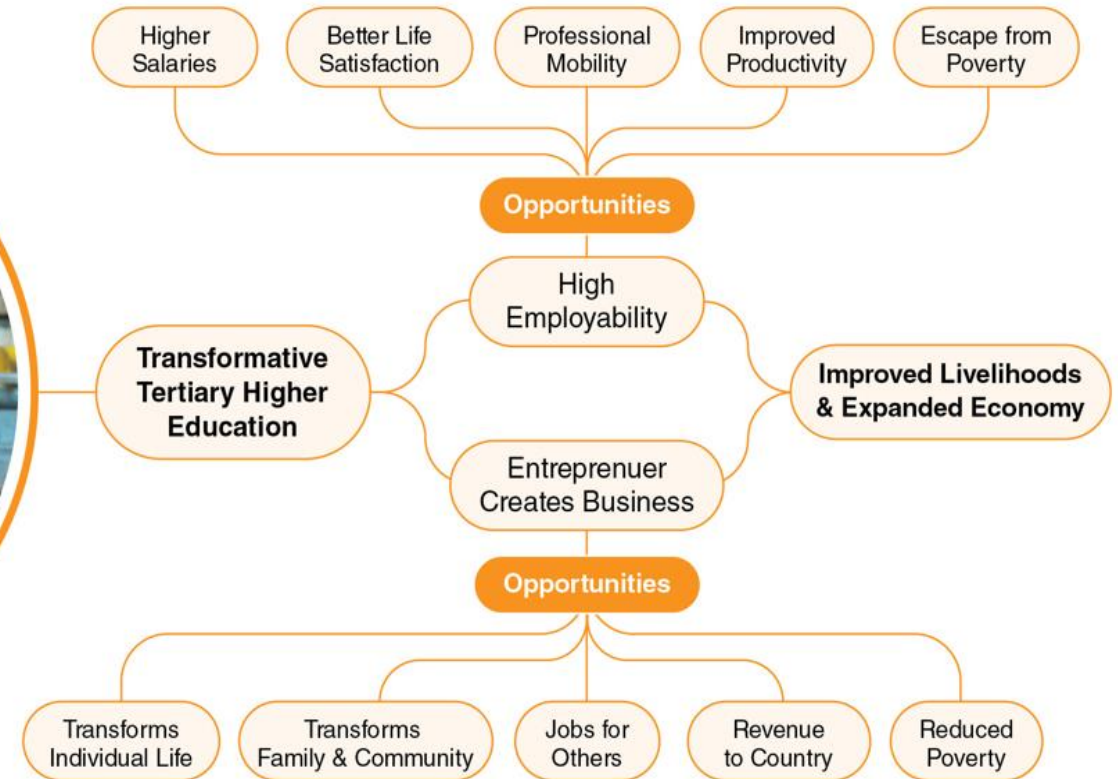
- i. Provide a platform for training quality graduates, networking, resource mobilization and advocacy to transform universities for relevance towards inclusive sustainable development
- i. Rationalize resource use and enhance economies of scale and scope



Regional Universities Forum for Capacity Building in Agriculture



Transformative Education
Agenda & the Ecosystem

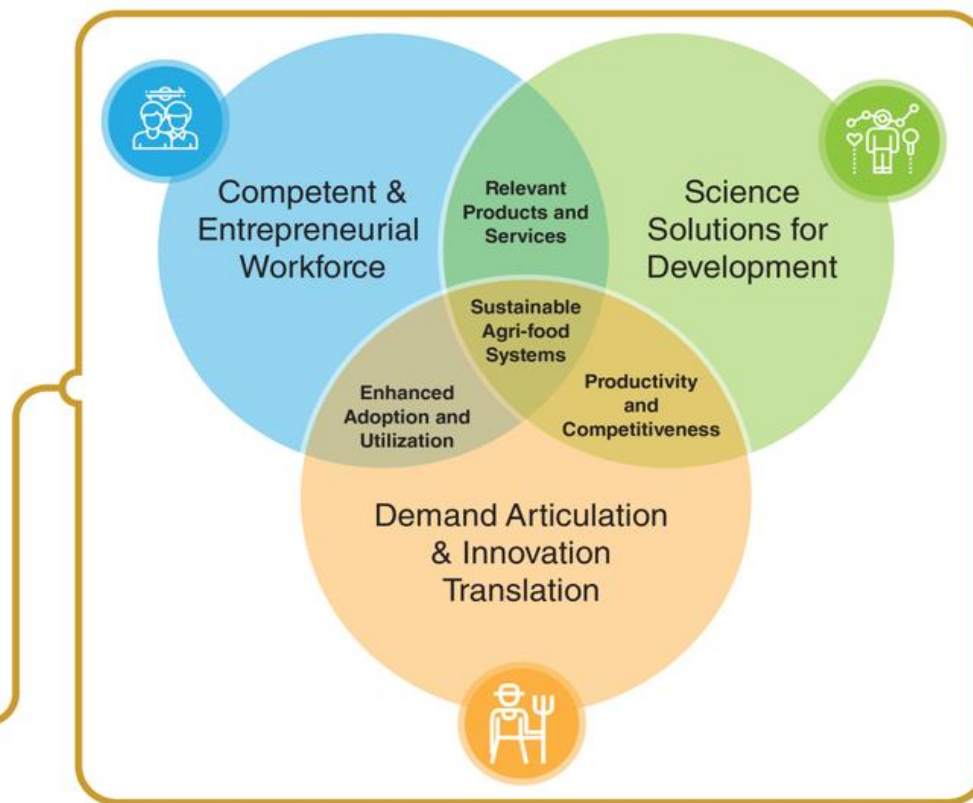




Regional Universities Forum for Capacity Building in Agriculture



Agenda for increased productivity,
competitiveness and stability of
Africa's agri-food systems





RUFORUM- Project Team in ADVALUE



**Contact person
and expert,
quality in PhD
Education & Training,
Professor of Geography,
Geo-Informatics and
Climatic Sciences**

**Prof Majaliwa
Mwanjalolo**



**Task
Coordinator &
Module
development
support**



**Project
management,
Senior expert**

**Prof Egeru
Anthony**



**Technical
Specialist,
Research &
Innovation**

**Selma Ndapewa
Nghituwamhata**



**Technical
Specialist,
Special duties**

Ekepu David





Associate Partners

European Alliance in Agricultural Knowledge for Development

AGRINATURA

National Agricultural Research Organization

NARO

National Council of Higher Education Uganda

NCHE

Kenya Agricultural and Livestock Research Organisation

KALRO

Kenya Ministry of Education Science and Technology

MoEST