



ANNUAL REPORT

2018/2019

Regional Universities Forum for Capacity
Building in Agriculture

TABLE OF CONTENTS

- TABLE OF CONTENTS..... i
- ACRONYMS & ABBREVIATIONSiii
- MESSAGE FROM EXECUTIVE SECRETARY v
- 15 YEARS OF RUFORUM'S SHARED SUCCESS 6
- RUFORUM FOCUS 2018-2030..... 9
 - Vision 2030 Theory of Change..... 9
 - RUFORUM Response Plan for Vision 2030 10
 - Flagship Programmes for Vision 2030 in 2018/19 11
- 2018/19 ACHIEVEMENTS IN FIGURES 12
 - Capacity Building – Education and Skills..... 12
 - R&D, Entrepreneurship and Community Engagement 13
 - Knowledge Management 14
 - Partnerships, Networking and Advocacy 15
- 2018/19 MILESTONES..... 16
 - Capacity Building..... 16
 - Training science and development leaders 16
 - Developing mid-career level leaders 18
 - Research and Innovation..... 20
 - Strengthening R4D systems 20
 - Knowledge and technologies for inclusive innovation and impact 22
 - 3Es - Engagement, Empowerment, Entrepreneurship..... 23
 - Engaging youth for development 23
 - Engaging development and TVET practitioners..... 26
 - Women’s voice and participation in STI 27
 - PANet - Partnerships, Advocacy, Networking 29
 - C10 Heads of State Meeting 32
 - RUFORUM meets the Presidents of Malawi and Liberia 36
 - Africa Higher Education Week and Annual General Meeting..... 39
 - Distinguished contributors to Africa’s development recognised 48
 - Knowledge Management 49
- FINANCIAL REPORT..... 50
 - Statement of Income 50

Statement of Expenditure	52
Statement of Financial Position as at 30 June 2019.....	53
PEOPLE: RUFORUM IN JUNE 2019	54
Membership of the Board of Directors.....	54
Board Executive Committee.....	54
Membership of the Finance and Administration Committee.....	54
Membership of the International Advisory Panel	55
Membership of the Technical Committee	55
Staff of the Secretariat	56
MEMBER UNIVERSITIES.....	57

ACRONYMS & ABBREVIATIONS

AGM	Annual General Meeting
AHESTI	Agriculture Higher Education, Science, Technology and Innovation
AHEW	Africa Higher Education Week
AMIA	Africa Must Industrialise Agenda
ASTI	Agricultural Science and Technology Indicators
AUC	African Union Commission
BMGF	Bill and Melinda Gates Foundation
BSc	Bachelor of Science
CARP	Community Action Research Programme
CESA	Continental Education Strategy for Africa
CREATE	Cultivating Research and Teaching Excellence
C10	Committee of Ten (Heads of State)
DAAD	German Academic Exchange Service
DP	Development Partner
FAPA	Field Attachment Programme Awards
FAWoVC	Forum for Women Vice Chancellors in Africa
FORUM	Forum on Agricultural Resource Husbandry
FY	Financial Year
GRG	Graduate Research Grant
GTA	Graduate Teaching Assistant
HESTI	Higher Education, Science, Technology and Innovation
HRST	Human Resources, Science and Technology (Directorate of AUC)
ICRISAT	International Crop Research Institute for Semi-Arid Tropics
ICT	Information Communication Technology
IFPRI	International Food Policy Research Institute
IMO	Indigenous Micro Organism
K-Hub	Knowledge Hub
MCF	Mastercard Foundation
MoU	Memorandum of Understanding
MSc	Master of Science
OP	Operational Plan
PANet	Partnerships, Advocacy and Networking
PhD	Doctor of Philosophy

RANCH	Regional Anchor Universities for Higher Education
RAU	Regional Anchor University
RECAP	RUFORUM Entrepreneurship Challenge Programme
RTP	Regional Training Programme
RUFORUM	Regional Universities Forum for Capacity Building in Agriculture
RUYAEC	RUFORUM Young African Entrepreneurs Competition
R&D	Research and Development
R4D	Research for Development
SADC	Southern African Development Community
SBP	Strategic and Business Plan
SENTINEL	Social and Environmental Trade-offs in African Agriculture Project
SES	Student Enterprise Scheme
SHAEA	Strengthening Higher Agricultural Education in Africa
SP	Strategic Plan
SSA	Sub-Saharan Africa
STI	Science, Technology and Innovation
STISA	Science, Technology and Innovation Strategy for Africa
S&T	Science and Technology
TAGDev	Transforming Agricultural Universities to Meaningfully Contribute to Africa's Growth and Development
TVET	Technical and Vocational Education and Training
UKRI	United Kingdom Research Institute
USD	United States Dollars
3Es	Engagement, Empowerment and Entrepreneurship

MESSAGE FROM EXECUTIVE SECRETARY

Financial Year 2018 - 2019 was the period of putting in place a sound institutional framework for the implementation of Vision 2030 Strategy - the common vision and action plan to guide our operations and interventions in the African universities Agenda for Higher Education, Science Technology and Innovation in Africa. RUFORUM has been set on the path for harnessing the expertise, discovery and innovation of “vibrant, transformative universities to catalyse sustainable, inclusive agricultural development to feed and create prosperity for Africa”. Still, we must be prepared to adjust to emerging challenges, issues and opportunities.

For the coming years, we shall continue to strengthen and marshal the different levels of capacities and competencies existent within our universities to conduct high quality research and graduate training for the region and beyond.

Expectedly, Vision 2030 brought with it greater urgency for us to do more for the African people. Already, we have a strong platform for networking not only between and across the member universities, but also with other partners. The legitimization of RUFORUM by the governments of member universities, through the RUFORUM Charter, is critical if RUFORUM is to continue actively contributing to the continent’s development by not only producing quality graduates for the market, but also technologies, knowledge and processes to guide agricultural transformation and ultimately, contribute to improved livelihoods of our people.

We are optimistic about the future. We recognise the hurdles ahead, but we are resolved to do the best for the continent. We shall continue to strengthen our own individual universities and networks, but will also continue to explore every opportunity to pool our efforts to produce regional public goods and enhance economies of scale and scope. We have been able to make good progress because of the joint desire to uplift our people from the scourge of poverty and under –development. I plead for greater togetherness and indeed, helping hands.

Adipala Ekwamu
Executive Secretary

15 YEARS OF RUFORUM'S SHARED SUCCESS



2004

2005

2006

2007

2008

<p>Rockefeller Foundation devolves the precursor Forum on Agricultural Resource Husbandry (FORUM, 1992-2002) to a consortium of 10 universities in 5 countries that founded the RUFORUM network with the mandate to oversee graduate training and networks of specialisation in Africa.</p>	<p>First 10-Year Strategic Plan, 2006-2015 (SP 2006) and 5-Year Operational Plan, 2006-2010 (OP1 2006) launched.</p> <p>RUFORUM objective as an African initiated and owned network of higher education institutions with a strong passion for agriculture set as “strengthening graduate training and member universities to align better with the development agenda in the African continent”.</p> <p>First Annual General Meeting (AGM) resolves that member universities offer PhD courses in addition to the flagship Graduate Research Grants that supported MSc level training to improve the core skill areas and innovation in the curricula being implemented.</p> <p>Over 60 academic staff and graduate students from the 12 member universities facilitated to attend the 7th African Crop Science Conference held in Entebbe, Uganda, 5-9 December 2005.</p>	<p>12 Member Universities through admission of Sokoine University of Agriculture and University of Zambia.</p> <p>Twenty new graduate research grants awarded and 42 new Masters Students enrolled, against an initial target of 60, bringing total MSc students under training since 2004, to 111 (41 female) .</p> <p>Additional 6 Masters and 6 PhD students trained under a sandwich arrangement with Ohio State and Michigan State Universities.</p> <p>First set of Regional Training Programmes (Masters in Research Methodology; Masters and PhD in Dryland Resource Management; PhD in Agricultural and Natural Resource Economics; Masters and PhD in Plant Breeding, Biotechnology and Seed Systems; PhD in Fisheries and Aquaculture; and PhD in Food Science and Nutrition collectively developed.</p>	<p>First Biennial Conference held in Malawi, 23-27 April bringing together 285 participants (grantees, students and other stakeholders) from 22 countries.</p>	<p>RUFORUM launches the coursework-based PhD and MSc Regional Training Programmes, an innovative regional approach of building capacity of member universities, and training Africa's next generation of agricultural scientists through mobilizing regional capacities and international partnerships.</p>
---	---	---	--	---



2009

2010

2011

2012

2013

<p>Bill and Melinda Gates Foundation becomes RUFORUM's core funding source with the first grant of USD 16.19 million</p> <p>25 Member Universities</p>	<p>Second Biennial Conference held in Uganda, 20-24 September bringing together 380 participants (grantees, students and other stakeholders) from 25 countries</p> <p>29 Member Universities</p>	<p>Second RUFORUM Business Plan 2011-2016 was approved by the Board of Trustees in May 2011.</p>	<p>Third Biennial Conference held in Uganda, 24-28 September bringing together 600 participants (grantees, students and other stakeholders) from 48 countries.</p> <p>30 Member Universities</p>	<p>Second BMGF grant of USD 16.76 million</p> <p>Organizational review to assess how RUFORUM programmes had enhanced the capacity of faculties of agriculture and the quality of graduate training.</p> <p>Vice Chancellors of 35 member universities signed a MoU agreeing to establish the Graduate Teaching Assistantship (GTA) programme.</p> <p>32 Member Universities</p>
--	--	--	--	---



2014

2015

2016

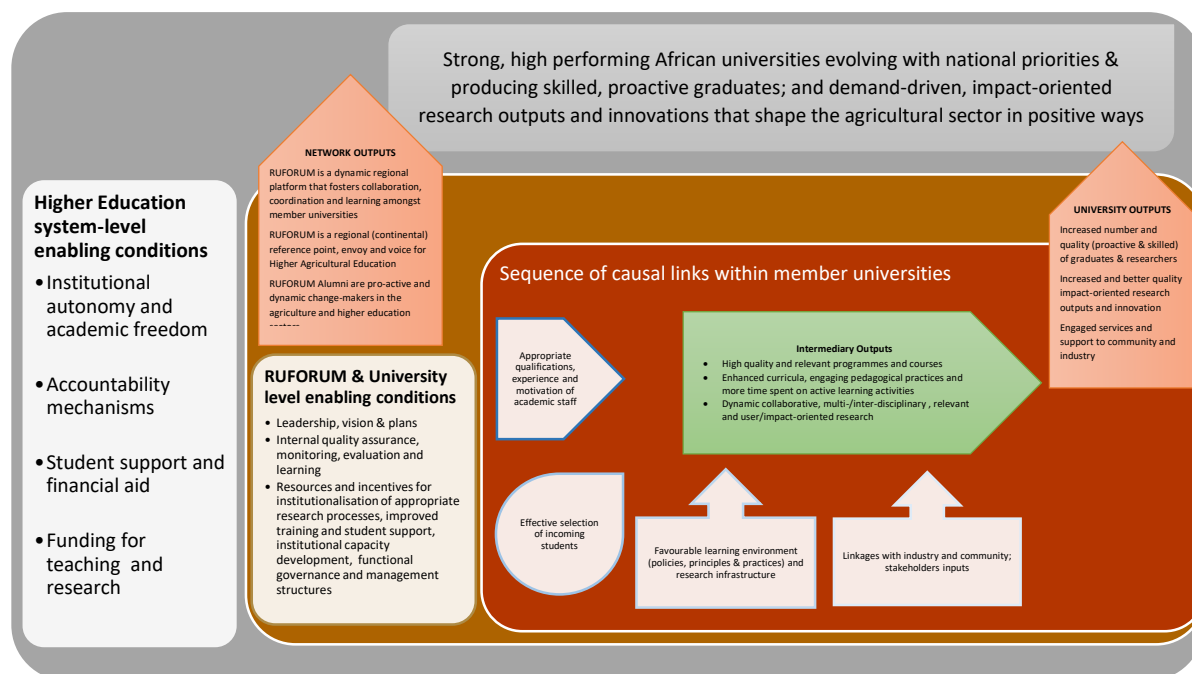
2017

2018

<p>MoU with the Africa Union Commission (AUC) to facilitate and coordinate higher education and capacity building in agriculture, and its relationship to science, technology and innovation in Africa.</p> <p>Fourth Biennial Conference held in Mozambique, 19-25 July bringing together 670 participants (grantees, students and other stakeholders) from 45 countries.</p> <p>GTA programme launched.</p> <p>46 Member Universities in 22 countries</p>	<p>RUFORUM Strategic Business Plan for the period 2016-2020 approved, with an overall objective of “supporting improved agricultural productivity and wealth creation by developing effective agricultural universities with graduates dedicated to improving rural livelihoods and by promoting research relevant to smallholder farmers in Africa”.</p> <p>55 Member Universities in 22 countries</p>	<p>Mastercard Foundation approves a grant of USD 27.1 million to RUFORUM for a period of eight years (2016-2024) to support the programme for “Transforming African Agricultural Universities to meaningfully contribute to Africa’s growth and development (TAGDev)”</p> <p>Fifth Biennial Conference held in South Africa, 17-21 October bringing together 850 participants (grantees, students and other stakeholders) from 73 countries.</p> <p>68 Member Universities</p>	<p>RUFORUM adopts the new Vision 2030 Strategy: the African universities agenda for Agricultural Higher Education, Science, Technology and Innovation (AHESTI) to harness the expertise and innovation of “vibrant, transformative universities to catalyse sustainable, inclusive agricultural development to feed and create prosperity for Africa”.</p> <p>85 Member Universities in 35 countries</p>	<p>Total of 2,386 students (1,883 MSc and 503 PhD) supported through the RTP scholarships (420 PhD and 495 MSc) and research grants mechanisms (83 PhD and 1,388 MSc) since 2004.</p> <p>Sixth Biennial Conference held in Kenya, 22-26 October bringing together 1,106 participants (grantees, students and other stakeholders) from 38 countries.</p> <p>Resource mobilisation effort since 2004 amounts to 91 multi-donor resourced projects worth USD 200.7 million</p> <p>22 new universities admitted bringing membership to 105 universities in 37 countries</p>
---	---	--	--	---

RUFORUM FOCUS 2018–2030

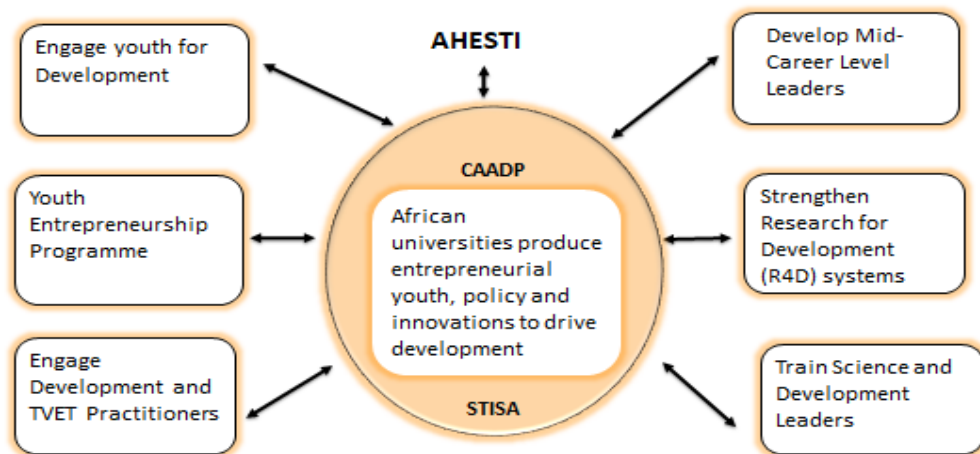
Vision 2030 Theory of Change



FY 2018/19 marked the first year of implementation of Vision 2030 Strategy and its first 5-year Operational Plan. RUFORUM envisions a vibrant agricultural sector linked to African universities which can produce high performing graduates and high quality research responsive to the demands of Africa’s farmers for innovations and able to generate sustainable livelihoods and national economic development. The RUFORUM mission is to strengthen the capacities of universities to foster innovations responsive to needs of small-holder farmers through the training of high quality researchers, ensuring that graduates will have the skills and know-how to be attractive to potential employers, and the output of impact-oriented research that will result in agricultural policy and practice reform.

The theory of change underlying the RUFORUM programme is that competitively awarded graduate research grants, scholarships for MSc and PhD training and direct support to create new or upgrade and reform existing training programmes will result in more and better graduates and better and more relevant research. Furthermore, institutional strengthening and community action research grants given to university researchers to work more closely with industry and communities will bring the two groups together to solve areas of mutual interest, enhance training and mutual learning, allow industry and communities to utilize research and graduates to enhance agricultural productivity, and increase the productivity and performance of universities as well as visibility within the country, regionally and globally. The outcomes of RUFORUM will be traceable through changes in the people and the organisations that its programmes come into contact with, and the changes in the environment in which RUFORUM operates.

RUFORUM Response Plan for Vision 2030



Flagship Programmes for Vision 2030 in 2018/19



TAGDev CREATE RANCH K-Hub Program Support

TAGDev	CREATE	RANCH	K-Hub	Program Support
<p>Transforming African Agricultural Universities for Africa's Growth and Development (TAGDev) implemented with support from the Master Card Foundation focused on attracting and supporting youth into agricultural education to acquire skills for employability and entrepreneurship.</p>	<p>Cultivating Research and Teaching Excellence (CREATE) supported by the German Academic Exchange Service (DAAD), Carnegie Corporation of New York, and the International Crops Research Institute for the Semi-Arid Tropics (ICRISAT) focused on enhancing the capacity of the entire university academic practice and outreach system.</p>	<p>Regional Anchor Universities for Higher Agricultural Education (RANCH) focused on developing the Strengthening Higher Agricultural Education in Africa (SHAEA) project, an initiative of the World Bank in partnership with African Governments and RUFORUM.</p>	<p>Knowledge Hub for University Networking, Partnership and Advocacy (K-Hub), consolidates and documents the outputs and outcomes of RUFORUM supported activities implemented by the Secretariat, Member Universities and Partners.</p>	<p>Support functions, governance and convenings largely supported through core funding provided by the Bill and Melinda Gates Foundation and Members own contribution</p>

2018/19 ACHIEVEMENTS IN FIGURES

Capacity Building – Education and Skills



PhD	MSc	BSc	TVET	Post-Doc
<p>525 (232♀) trained since 2008</p> <p>90 (24♀) GTAs from 29 universities in 14 countries</p> <p>299 (110♀) from 18 countries still enrolled in 32 universities</p> <p>43 (9♀) completed and graduated in 2018/19</p>	<p>1,919 (865♀) trained since 2004</p> <p>420 (186♀) from 23 countries still enrolled in 27 universities</p> <p>10 (5♀) completed and graduated in 2018/19</p>	<p>118 (57♀) from 5 countries still enrolled in 2 universities since 2017</p>	<p>253 (98♀) students</p> <p>927 (488♀) Out-of-School- Youth</p> <p>19 (9♀) trainers</p> <p>9 institutions from 4 countries participating</p>	<p>19 fellows mentoring 41 PhD, 67 MSc and 25 BSc students</p>

R&D, Entrepreneurship and Community Engagement



CARP

15 Universities
70 Partners
9 Countries
16 Projects
9,121 Farmers reached

RECAP

14 Universities
20 agribusiness incubation centres
339 (122♀) students

ENTERPRISES

90 Student Enterprise Scheme businesses (8 projects at Gulu university posted 60% funds recovery)
23 Young African Entrepreneurs from 11 countries Awarded bringing total recipients to 38.



Knowledge Management



Publications and Social Media Influence

40 institutional fact sheets on capacities in member universities in collaboration with IFPRI/ASTI.

104 scientific articles

26 editions of regular media monitoring extracts

29 editions of the RUFORUM Weekly News digest

16, 527 subscribers on RUFORUM mailing list

53.8 million online visibility (Google) yield (0.4 seconds) in the first 10 top results

22,254 Facebook likes

6,602 Twitter followers

10,020 Blog followers

573,148 Blog hits

55,970 hits on RUFORUM website

2,212 publications in RUFORUM institutional repository

30 papers in Volume 3 of the African Journal for Rural Development

800 peer reviewed papers as extended abstracts for the 6th Africa Higher Education Week and RUFORUM Biennial Conference 2018

Partnerships, Networking and Advocacy



Networking Events

62 participants from 39 institutions and 23 countries for Higher Education in Africa Consultative Forum in Marrakech, Morocco, 20-22 March 2019

1,107 participants from over 50 countries for 6th RUFORUM Biennial Conference and Africa Higher Education Week

Meetings with the First Lady and Minister of Education and Sports, Uganda; and Presidents of Malawi and Liberia.

Resource Mobilisation

19 applications from 6 targeted countries Malawi (1); Ghana (5); Cote d'Ivoire (2); Kenya (8); Mozambique (1); and Cameroon (2) for Regional Anchor Universities (RAU) under SHAEA

USD 4.3m won by 5 research teams in 3 countries (USD 2,568,958 to 3 member universities) out of 31 proposals to African Union Research Grants Phase II Open Call

THE SIXTH AFRICAN HIGHER EDUCATION WEEK AND RUFORUM BIENNIAL CONFERENCE

22 - 26 OCTOBER 2018
Kenyatta International Convention Centre (KICC), Nairobi Kenya

Theme: Aligning African Universities to Accelerate Attainment of Africa's Agenda 2063

2018/19 MILESTONES

Capacity Building

Training science and development leaders

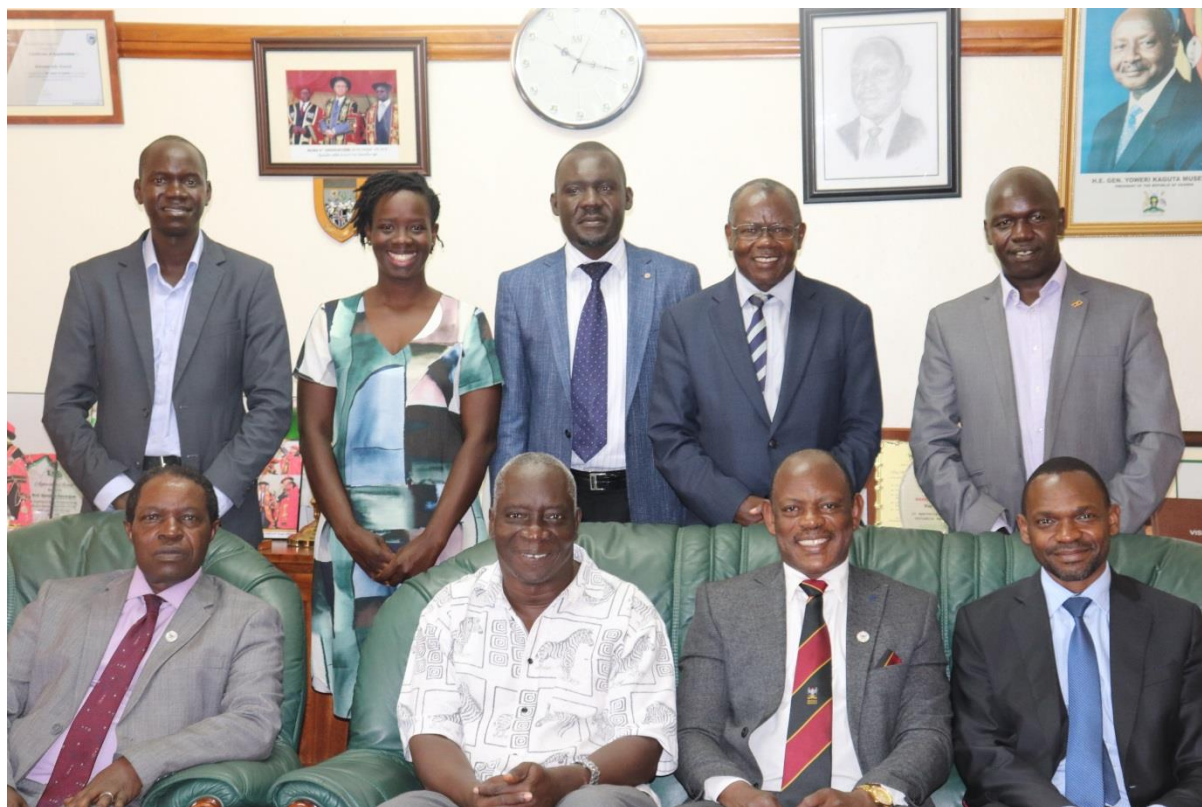


Higher education in the fields of science and technology has been growing with varying intensity and scale changes in science and technology policies amongst and within African countries - targeting the improvement of scientific infrastructure: assessment, evaluation and investments in R&D, and training of human resources in S&T. The tertiary education system, largely with limited knowledge base, research capacity and access still remains a problem impeding economic and social growth. Reducing departure of African scientists and scholars in pursuit of education and specialization, which leaves higher education institutions without adequately qualified teaching and research staff,

is a focus of RUFORUM addressed through targeted incentives to higher education qualification.

Support for doctoral training was provided through 22 additional PhD scholarships funded by Mastercard Foundation (3 PhDs) and the Social and Environmental Trade-offs in African Agriculture (SENTINEL Project) of the United Kingdom Research and Innovation (UKRI) (19 PhDs) bringing the total of PhD students supported by RUFORUM since 2008 to **525**.

Staff capacity challenges remain a high priority for African universities. The Secretariat facilitated placement of 22 additional University Staff under the RUFORUM Graduate Teaching Assistantship (GTA) program bringing the total to ninety (90) university staff being trained at the PhD level. The GTA is funded by RUFORUM member Universities for staff capacity development within Africa and for Africa.



The call for universities interested in becoming Regional Anchor Universities (RAU), under the Strengthening Higher Agricultural Education in Africa (SHAEA) initiative supported by the World Bank, received **19** applications from the six-targeted countries including **Malawi (1); Ghana (5); Cote d'Ivoire (2); Kenya (8); Mozambique (1); and Cameroon (2)**. All applications are partnerships of tertiary education institutions, including post-secondary agricultural vocational institutions and key agricultural sector actors, public and private sectors. Ten (10) RUFORUM member Universities were supported to prepare and submit

proposals under the German Academic Exchange (DAAD) call for proposals. Makerere University won two grants and Jomo Kenyatta University of Agriculture and Technology won one.

Developing mid-career level leaders



Africa's long-term growth prospect hinges on developing the continent's human capital. The sustainability of Africa's competitiveness in the world requires that education and on-the-job training centre on the skills most needed in today's global marketplace.

RUFORUM in partnership with the Mastercard Foundation, Egerton University, Kenya and Gulu University, Uganda is implementing the *"Transforming African Agricultural Universities to meaningfully contribute to Africa's growth and development (TAGDev)"* to transform African agricultural universities and their graduates to better respond to developmental challenges through enhanced application of science, technology, business and innovation for rural agricultural transformation. The project is training competent and highly skilled African youth and developing the capacity of African universities to effectively train and nurture graduates with relevant skills match, based on four interfacing objectives namely;

- Piloting a new model of agricultural education at early adopter universities that connects tertiary agricultural education to rural communities, with an emphasis on smallholder farmers;
- Strengthening agribusiness/entrepreneurship at two universities and selected Technical Vocational Education and Training (TVET) institutions;
- Scaling the new model for agricultural education to other agricultural universities and TVET institutions; and,
- Increasing collaboration and mutual learning among institutions and agencies implementing and influencing innovative Tertiary Agricultural Education for rural transformation in Africa.

Sixty (**60**) students - 15 MSc (8♀) and 45 BSc (26♀) from **13** African countries were admitted through the 2018 second cohort call for applications for MCF@RUFORUM Scholarships for programs tenable in Gulu and Egerton universities under the TAGDev flagship. Students expectations ranged from acquiring agricultural technical and entrepreneurial skills to transform their communities and countries large, through starting agro-enterprises, model farms, industries that would employ and mentor as many youths and women as possible; to becoming university professors.



An additional **33** MSc (9♀), **8** BSc (3♀) and **11** PhD (6♀) students from Kenya, Uganda, Benin, Zimbabwe, and Ghana were recruited under the CARP+ projects, while 41 PhD, 67 MSc and 25 BSc students were being mentored by 19 post-doctoral fellows with grant support from RUFORUM through the Carnegie Corporation of New York.

The third cohort call for applications for MCF@RUFORUM Scholarships 2019 received 1,277 applications including 669 applications for Gulu University from 20 African countries and 608 applications for Egerton University from 22 countries. These were screened for eligibility for admission at the two universities and 157 applicants (73 at Gulu University and 84 at Egerton University) shortlisted for home validation. The selected students will commence their Masters and Bachelors' degree programs at the two institutions during the 2019/20 academic year.

Research and Innovation

Strengthening R4D systems



Research Capability Strengthening invokes building a critical mass of human resources, institution capacity, and a conducive environment able to respond to research needs. Strengthening R&D systems is therefore about establishing, promoting and funding research training and institution development, and increasing the participation of research scientists, communities/industry and institutions in the definition of research priorities, conduct of research, and translation of results into evidence-based policies, innovations and businesses. This can be ensured by increasing access to, and use of, new scientific knowledge through modern information and communication technologies, creation of partnerships, increasing networking, and promoting equal opportunities,

ensuring a gender and geographically balanced generation of researchers, scientists and development practitioners.

In the Vision 2030 strategy, research capability strengthening activities have been refocused along two major strategic directions: a) researcher-driven capacity building aimed at supporting individuals to gain R&D skills and competencies and to develop independent research careers through graduate research and training grants, re-entry (post-doctoral) grants, career development fellowships and competitive grants, and b) R&D-driven capacity building.



Community action research along selected value chains was supported through award of seven (7) new Community Action Research Program Plus (CARP+) projects to seven universities including University of Free State, South Africa (wool value chain); Botswana University of Agriculture and Natural Resources (safflower value chain); University of Namibia (encroacher bushes value chain); University of Gezira, Sudan (sweet potato and goat value chains), University of Khartoum, Sudan (agroforestry and fruit trees value chains); University of Kordofan, Sudan (natural resource management); and, Peace University, Sudan (honey value chain). These projects include a mandatory collaboration with technical, vocational education and training institutions. This brought to total 16 CARP+ projects awarded by RUFORUM.

The Secretariat supported research teams to develop and submit 31 proposals to the African Union Research Grants phase II Open Call for Proposals. Three research teams (Makerere University; University of Zambia; and, University of Eduardo Mondlane) won grants totaling US\$ 2,568,957.62 for investment in agriculture technologies and food systems development. Another nineteen (19) research teams from 35 member Universities were assisted to prepare and submit proposals to the 2019 Intra-Africa Academic Mobility Scheme call for proposals. The Secretariat submitted a proposal to OCP-Morocco to fund three Mobility Streams in the areas of Integrated Soil Fertility and Water Resources Management, Irrigation and Small Mechanization; Statistics and Data Science; and Plant Breeding and Biotechnology.



Knowledge and technologies for inclusive innovation and impact

RUFORUM supported R&D-driven capability strengthening grants support projects and activities that address priority issues from laboratory-based research, through field intervention research, to social-economic behavioural research. The previously awarded nine (9) CARP+ projects in nine member universities including Université d'Abomey-Calavi, Benin (Baobab); University of Cape Coast, Ghana (pineapple); Egerton University, Kenya (Seed Potato and Cassava); University of Nairobi, Kenya (Cassava); Gulu University, Uganda (Rice and Pigs), Makerere University, Uganda (Potato); and, Bindura University of Science Education, Zimbabwe, (tied contour rain water harvesting) progressed towards completion.



The projects had engaged over **9,000** farmers and had generated outputs in the form of: technical guidelines for baobab leaves production; technologies for developing animal feeds from locally available materials; technologies for artificial insemination in piggery management and for foul odour reduction through use of indigenous micro-organisms technology. Using the student-based extension service model, 5 MSc students under the pig CARP in Gulu University reached over 250 beneficiaries with project results and advisories.

3Es - Engagement, Empowerment, Entrepreneurship

Engaging youth for development

Africa has much young and innovative talent and governments should invest in youth entrepreneurship to harness and bring to scale innovations. Youth need mentorship more than money. African countries should earmark budgets for developing and retaining critical technical skills and to stimulate transformational entrepreneurship especially among young people. Higher education needs to adopt skills-based curricula and mindset change for youth to produce practical oriented problem solvers. There is need to tighten links between universities, government, industry, non-state actors, and labour markets. Science values should be inculcated among young people starting from home at a young age.

Eleven (11) RUFORUM Entrepreneurship Challenge Program (RECAP) projects were funded: seven (7) supported by Mastercard Foundation to: Ndeje

University and Muni university in Uganda, University of eSwatini (eSwatini), South Eastern Kenya University (Kenya), University of Burundi (Burundi), University of Juba (South Sudan), and Universite du Sine Saloum El Hadji Ibrahima Niassé (Senegal); two (2) supported by the African Development Bank to: Mbarara University of Science and Technology (Uganda) and Haramaya University (Ethiopia) ; and two (2) supported by RUFORUM to Uganda Martyrs University (Uganda) and Africa University, Zimbabwe.



To catalyse entrepreneurship development through promotion of business innovation, RUFORUM awarded grants amounting to US \$46,000 as seed fund to twenty three (23) promising African youth business innovations from 11 countries selected through the RUFORUM Young African Entrepreneurs Competition (RUYAEC) that was started in 2016 with selection of 15 winners from 8 countries. The 2018 competition attracted 1,332 applicants from 42 African and 4 non-African countries. RUYAEC was created to serve as a platform upon which young vibrant and innovative entrepreneurs across Africa can be competitively identified, supported, mentored and facilitated to advance their innovative entrepreneurial ideas into businesses, and to further strengthen existing enterprises to increase growth through leveraging opportunities and connections.

The ongoing grants supporting **339** students (122♀) in 14 universities continued to provide a framework for securing student financing from the private sector. Ninety (**90**) students from Gulu and Egerton Universities were attached to communities, business enterprises and industry on a rotational basis for ten (10) weeks. These attachments not only provide experiential real-life learning to the students but also serve as a student-led agricultural advisory and extension service to farmers.

Several students have established enterprises as a result of these attachments. Students are further developing innovations, marketing products in groceries and supermarkets, engaging the private sector, undertaking study trips, and securing trademarks and patents for the protection of intellectual property. Eight (**8**) initially funded student projects under the Student Enterprise Scheme (SES) at Gulu University successfully operated the full cycle with overall fund recovery of 60%, indicating viability of the model and enterprises the students adopt.

JuFresh Enterprise is the name of one of the student enterprises at Gulu University established by five young dynamic students studying for a MSc degree in Agri-Enterprises Development. It started operating in November 2018 producing a variety of fresh fruit juice and fruit salads. The enterprise also engages with producer organisations on contract basis to supply fruits as a way of reducing post-harvest losses, improving farmers' income, alleviating key micronutrients deficiencies, improving food security and boosting the level of investments of fruit the processing sector. The enterprise won a USD 1000 grant from Agripreneurship Alliance as one of the most competitive student enterprise projects. The BAO-LEAVES enterprise in Université d'Abomey-Calavi, Benin headed by five students won a US\$ 5,000 Tony Elumelu Foundation entrepreneurship grant to produce and commercialize fresh organic baobab leaves.



Technical and Vocational Education and Training (TVET) institutions are neither junior universities nor competitors but complimentary to universities. The RUFORUM Technical Skills Development Program supported by Mastercard Foundation increased participation of Universities in the training of TVET students in Uganda. Through this program, nine hundred twenty seven (927) Out-of-School-Youth including 488♀ and nineteen (19) Trainers of trainees (9♀) were trained by Gulu University on micro-enterprises development. These trainings enabled Youth establish agricultural enterprises by exploiting the new knowledge and skills attained in establishing nursery beds of several vegetables including onions, cabbages, tomatoes, eggplants and watermelon.

A total of 253 TVET students (98♀) from nine (9) TVET institutions in **Uganda** (Bobi Polytechnic, Bukalasa College of Agriculture and Northern Uganda Youth Development Centre); **Kenya** (Baraka Agricultural College), **Benin** (Medji Agricultural College of Sekou; Agricultural College of Natitingou; Lycée Agricole Mendji de Sékou; and, Lycée Technique Agricole de Natitingou); and **Zimbabwe** (Magamba Training Centre) were engaged in experiential learning and training collaboratively with university students. From this training, four (4) agribusiness enterprises including catering services, garments and design enterprise, piggery production enterprise and fashion and design enterprise were established and

run by students from one of the institutions – the Northern Uganda Youth Development Centre.



Women’s voice and participation in STI



The Forum for Women Vice Chancellors in Africa (FAWoVC) was convened as a side event during the Sixth African Higher Education Week and RUFORUM Biennial Conference. 40 female Vice Chancellors from Eastern, Central, West and Southern Africa attended. The FAWoVC is an innovative umbrella group of female university leaders established in 2016 to be an influential voice within the higher education space in Africa championing gender equality and women’s empowerment. It pursues an agenda that spearheads gender responsive

training in higher education institutions to increase the enrolment, participation and performance of female students, as well as stimulating interest and galvanizing women to take up careers and leadership positions in the academia and general workplace.



The Secretariat supported Busitema University (Uganda), Eduardo Mondlane University (Mozambique), University of Kordofan and University of Gezira (Sudan) to respond to a call for proposals by the Islamic Development Bank on increasing women participation in Science Technology and Innovation. Busitema University won a grant of US\$ 150,000 to strengthen the capacity of the FAWoVC to champion programs that support gender inclusive participation in STI in Mozambique, Sudan and Uganda and to convene the third FAWoVC Forum during the December 2019 RUFORUM annual general meeting.

PANet - Partnerships, Advocacy, Networking



Africa currently lives a paradox of rapid economic growth on one hand and growing inequality on the other. The African labour market is marked by skills mismatch especially in the informal sector. According to the African Development Bank (AfDB), one out of every three working-age persons in Africa lacks the necessary skills to secure a decent job or achieve high productivity. Harnessing the individual potential of Africa's human capital is the most sustainable approach to economic transformation and social progress. Africa needs to therefore harness the brainpower of its young dynamic population to spur technological revolution, economic competitiveness, and prosperity for the continent.

As a result, RUFORUM continues to be a strong advocate for increased investment in research and higher education as critical to solving Africa's development challenges. This requires a convergence of different gender equitable financing mechanisms towards: supporting both public and private sector led education projects to establish centres of excellence in HESTI; building and rehabilitating S&T research infrastructure; and linking trainings to the productive sectors – all for the collective benefit for Africa. Quality control for more returns to investment; recognition of the complementary role of communities, researchers, private sector in agricultural transformation; and private-public partnerships for financing higher education and research are

necessary supporting pillars key to addressing the aspirations in the Agenda 2063.



African policy convergence towards investment in agriculture, food and nutrition and human capital development and transforming the way graduates are trained to have relevant skills for industry is a key thrust of RUFORUM – focusing on bringing together investors (Government and others) to partner and link agriculture to industrialization and rural transformation; develop appropriate partnership tools integral of Africa’s religious, cultural, and economic diversity; and facilitating Universities to share competencies and provide evidence for policy making.

As part of aligning operations for delivery of the Vision 2030, RUFORUM strategically intensified its advocacy with African Governments to support its initiatives. RUFORUM engaged in several high level discussions including the first Extra-Ordinary Summit of the Committee of Ten Heads of State and Government (C10) Championing Education, Science and Technology in Africa, held 2-3 November 2018 in Lilongwe, Malawi.

The Secretariat in partnership with the Government of Kenya hosted a Ministerial Round table meeting on building regional synergies to strengthening Africa’s higher education systems on 24th October 2018 during the Africa Higher Education Week and RUFORUM Biennial meeting. Consultative

meetings with Development Partners' (DPs) were convened and held on 25 October 2018 in Nairobi, Kenya, and 20-22 March 2019 in Marrakesh, Morocco.



Furthermore, the Secretariat participated in the Southern African Development Community (SADC) Joint Meeting of Ministers responsible for Education and

Training, Science, Technology and Innovation held in Windhoek, Namibia, 17-21 June 2019 and the First Annual General Meeting and launch of the Eastern Africa Parliamentary Alliance for Food Security and Nutrition held 15-17 April 2019 in Arusha, Tanzania.

The Secretariat continued to engage member governments on the endorsement of the Charter to legitimize RUFORUM as an implementation agency for higher education training in agriculture and science, technology and innovation in Africa. The Republic of Sierra Leone endorsed the Charter.

C10 Heads of State Meeting



The First Extra-Ordinary Summit of the Committee of Ten Heads of State and Government (C10) under the theme "Enhancing Education, Science, Technology and Innovation for Africa's Development" took place 2-3 November 2018. RUFORUM through its MoU with the AUC was instrumental in organizing the meeting that was convened by the African Union Commission Department of Human Resources, Science and Technology (HRST) and hosted by the Government of the Republic of Malawi. The summit was preceded by a meeting of the C10 Ministers of Education, Science and Technology as well as the Bureau of the Specialised Technical Committee on Education, Science and Technology of the African Union Commission.

The C10 Championing Education, Science and Technology in Africa was instituted by the AU in 2016 after noting that education, science, technology and innovation remain the primary instruments that will enable Africa to effectively implement its long-term vision of a transformative Agenda 2063, in spite of the challenges facing its development. The Committee is chaired by His Excellency Macky Sall, President of Senegal. His Excellency Professor Arthur Peter Mutharika, the President of the Republic of Malawi is the second Vice Chairperson. The composition of the Committee includes two Presidents from each of AU's Five Continental Regions and draws its membership from Chad, Egypt, Gabon, Kenya, Malawi, Mauritius, Namibia, Senegal, Sierra Leone, and Tunisia. The C10 will support the implementation of Science, Technology and Innovation Strategy for Africa (STISA 2024) and ensure that Science, Technology and Innovation (STI) can be used to drive Africa's economic growth agenda.

Key messages from the meeting:

African countries must promote lifelong learning opportunities for its people in science and technology to support the Africa-Must-Industrialise Agenda (AMIA). For Africa to develop there is need for education and skills in science and technology through adequate and sustainably financed education. The Africa we have today is the product of its education systems or our lack of the same. We can change Africa by changing what we do in education. Africa needs to turn its assets into capital, and as such, education, science and technology are needed to empower people to be productive forces of progress. Labour as a factor of production will take us to African industrialisation, which demands a skilled labour force. Africa needs to cultivate its scientific, technological, and innovation skills - *H.E Professor Arthur Peter Mutharika, President of the Republic of Malawi.*

African countries cannot progress in their development efforts without a significant increase in scientific production. This requires sufficient funding. Investing in education and training is vital, but the constraint is funding and this is a major challenge. If we are to progress in science and technology, there is a need to invest in this through adequate funding - *H.E Mahammed Boun Abdallah Dionne, Prime Minister of the Republic of Senegal.*

Africa must ensure sustainable education and equitable access to education at all levels – *H.E Hage Geingob, President of the Republic of Namibia.*

Education is the only way to make Africa an independent continent and utilise its natural resources. It is not about policies but to make sure that we have high standards of education. Malawi wants to put education at the centre of development by ensuring that every citizen is educated. Tomorrow's world will stand on the bedrock of science and technology, and Africa has to heavily invest more in building capacities in this area at all levels of education. This is time for hope and accomplishment in Africa. We can only succeed by moving together - *Hon. Bright Msaka, Minister of Education, Science and Technology, Republic of Malawi.*

Significant effort by African Union Member States has been made to pull together skills and knowledge to support our continent in the fields of education and innovation. Senegal is currently putting a lot of emphasis on ICT and Digital Technology to enhance education outcomes, including Senegal's new City of Knowledge - *Prof. Mary Teuw Niane, Minister of Higher Education and Research, Republic of Senegal.*

The C10 demonstrates recognition of the pivotal value of education in achieving the Africa we want. The meeting is an opportunity for leaders to reflect on what has to be amplified at the highest policy levels to foreground the AU's commitment to building a human capital base to propel the economic transformation of the continent. Education, science and technology are now at the front and centre of the development debate in Africa. As the continent with the youngest population in the world, a trend that is expected to grow, it is imperative that concrete measures are put in place to harness this demographic dividend by equipping Africa's youth with the technological and innovative skills which, in the longer term, will be a catalyst for economic growth. Students exiting the education systems must be graduating with skills that reflect what employers actually need. They must effectively be the talent pipeline from which our industries grow. This is only possible if the private sector is better represented on our education governance structures, the vocational training programmes, and in curriculum design. We must encourage private sector partners to offer apprenticeships, internships and certification programmes. These steps will help bridge the gap between what's being taught in our learning institutions and the realities of the job market – *Prof. Sarah Anyang Agbor, Commissioner for Human Resources, Science and Technology, African Union Commission.*

Low quality education and the unavailability of research on education are lowering Africa's capabilities. Citizens have the responsibility of holding

their governments accountable in terms of education. Africa Union is trying its best to boost education in Africa – *Ms. Beatrice Khamati Njenga, Head of Education Division at African Union Commission.*

The Heads of State reaffirmed Africa’s recognition of the pivotal role of education and training, underpinned by science, technology and innovation, for empowering African citizens to steer social economic development and growth towards an integrated, peaceful, prosperous Africa. The meeting agreed on a framework for achieving Agenda 2063 through enhanced investment and strategic multi-sectoral private and public sector partnerships in the development of Education, Training and Research, particularly regarding:

- Financing education science, technology and innovation;
- Engaging key stakeholders in identifying long-term solutions for transformation in education, science and technology;
- Advocating for active engagement of the Private Sector and funding partners in mobilizing resources for science, technology and innovation;
- Policy recommendations for improved and effective implementation of STISA- 2024, the Continental Education Strategy for Africa 2016-2025 (CESA 2025) and the Continental TVET Strategy.



SPEECH BY TAGDev STUDENT AT EGERTON UNIVERSITY-Lucky Nyasulu – at the C10 Heads of State Meeting, Lilongwe, 2-3 November 2018.

My name is Lucky Nyasulu from Malawi, currently a student at Egerton University, Kenya. I grew up in Eswazin, Mzimba district where we could wake up early in the morning and go to farm before going to school. This is a common way of living in many rural areas of Malawi and possibly many countries in Africa. This kind of life was not easy, but it gave me the motivation to work hard in school so that I could become employed one day. Indeed, some years down the line, my dreams came true and I was selected to go to LUANAR where I pursued a BSc in Irrigation Engineering degree. After finishing my degree, I hoped I would get a job instantly. This is the mentality many youths have, that we will get employed soon after graduation. It did not happen as I anticipated.

Employment crisis does not mean intelligence crisis. There are still other opportunities. Being young, we the African Youth are energetic, innovative and creative. We don’t need to waste these opportunities. We have to let them serve as capital in our lives. We need to stop thinking of getting employed but rather think of how we can provide opportunities for ourselves and other people. In other countries youths have organised themselves into groups and are doing collective actions. Organisations find it easy to work with people who are already organised. May we the youths of Africa emulate and learn from this.

There is also need for collaborations between government, youths, faith group leaders, communities in bringing solutions to the problems youths are facing. I also request Governments and NGOs that those youths who have come up with ideas and innovations should be supported and mentored. Special attention to youth in rural areas is needed through the creation of innovation hubs where youths can brainstorm their ideas and bring them to reality.

The youth have energy, capacity and resilience as well as zeal to learn but we need support to play our role of contributing to the development of our villages, towns, districts and countries. Please embrace our zeal and energy by giving us a hands-up. As a young African, I believe that the youths will not fail you if given support. As I earlier said, I am a student at Egerton University pursuing a Masters' degree in Community Studies and Extension. It is my strongest desire that I should come back and be the agent of change in rural areas. It is my desire that one day I will have a model farm which will not only help me but the community at large to benefit from modernised technologies. This is feasible through science and innovations.

RUFORUM meets the Presidents of Malawi and Liberia



A delegation from RUFORUM met H.E Prof. Arthur Peter Mutharika on 23rd August 2018. President Mutharika said he was committed to the enhancement of higher education in Malawi and across Africa through promotion of investment at this level of education. *“No country can develop without proper investment in higher education and that is why my Government has invested substantial financial resources in this area and vocational skills development through construction of community technical colleges”* Mutharika said. The president further said that there was need to increase the number of PhD level qualified staff in institutions of higher learning in order to find solutions to challenges haunting the African continent. His Excellency confirmed that Malawi Government would endorse the RUFORUM Charter.

The Executive Secretary, Professor Adipala Ekwamu, lauded President Mutharika for his commitment to higher education. *“Malawi is the first country in Africa to allocate one percent of her GDP to higher education in Africa. As a world Champion for higher education, the president is always at the fore front in global mobilization of support for investment in higher education for the benefit*

of African Nations”- Ekwamu said. The Board Chairperson, Professor Mabel Imbuga, said investment in higher education, in particular science and Technology, is crucial in enhancing a prosperous and peaceful Africa through home grown solutions to African problems.



Another RUFORUM delegation met H.E George Manneh Weah the President of the Republic of Liberia at his Capitol Hill residence in Monrovia, on 25 April 2019, as follow-up to the meeting on 16 June 2017 with his predecessor, H.E Ellen Johnson Sirleaf. The RUFORUM delegation included Vice Chancellors from 10 Universities in Africa and RUFORUM Secretariat staff. The meeting came ahead of the symposium on higher education in Liberia held on 26 April 2019 and organised by RUFORUM in partnership with the University of Liberia with focus on *Promoting Higher Education in Liberia*.



President George M. Weah applauded RUFORUM for being a Pan-African organisation that is working tirelessly to solve African challenges such as food and nutritional security through investment in higher education, research and innovation in Africa. He pledged his support to initiatives that support the education of youth in Liberia and acknowledged the value of formal education in transforming economies. *“After 18 years of playing football professionally, I went back to school. Not to prove anything, but to prepare myself for the future”* said President George M. Weah.

The Executive Secretary of RUFORUM, Prof. Adipala Ekwamu, informed the President that *“Africa is confronted by a number of challenges but the biggest gap is the limited human capital to overcome those challenges. Africa has young scholars who are starting to know their continent. A group of 10 students from Liberia were being trained in other African countries through RUFORUM program”*.

Africa Higher Education Week and Annual General Meeting



The Biennial Conference and Africa Higher Education Week is RUFORUM’s most comprehensive meeting for the diversity of stakeholders in both agriculture and higher education sectors. The gathering has transitioned from being primarily a scientific event focused on mentorship of graduate students to academia-policy-development interaction platform providing space for niching shared perspectives and visions for development with the active participation of universities.

The Sixth African Higher Education Week and RUFORUM Biennial Conference was organized from the 22-26 October 2018 at the Kenyatta International Convention Centre in Nairobi, Kenya, under the theme “Aligning African Universities to Accelerate Attainment of Agenda 2063”. The Government of Kenya through its Ministry of Education and nine RUFORUM member universities in Kenya were the lead organizers of the Conference.



The objectives of the weeklong meeting were to:

- Identify appropriate models and approaches to facilitate university and farming community transformation agenda;
- Link graduate research and training to entrepreneurship and business development as a mechanism to increase university entrepreneurial transition momentum;
- Provide graduate students and young innovators a platform to showcase their research, cutting-edge innovations and enterprises and entrepreneurial acumen; and,
- Provide policy, development actors, governments and civil society, a platform to network and discuss innovations for transforming higher agricultural education in Africa.



The Conference attracted 1,107 participants including 20 ministers responsible for education, science and technology from 19 African countries, 30 senior government officials and experts, 105 Vice Chancellors, 110 Principals and Deans, 530 students, and representatives of farmer organizations, the private sector and civil society from over 50 countries. Twenty (20) pre-conference and side events were held, 6 meetings of the RUFORUM statutory organs, 67 exhibitions, 414 Posters, 12 Plenary Sessions and 18 Technical Parallel Sessions were held.



Key Messages:



H.E. Uhuru Kenyatta, President of the Republic of Kenya:

The accelerated growth of the agricultural sector is crucial for addressing the developmental issues linked to rapid population growth such as hunger and malnutrition, food insecurity and poverty in SSA. Despite its importance, SSA's agricultural sector, particularly its technical efficiency and productivity, is yet to be fully realized. This places institutions of higher learning at the centre of national competitiveness. Through academic research, education and strong linkage to farming communities, universities can play a central role in producing innovation-oriented yet practical solutions to local agricultural challenges and can be a critical player in strengthening the link of agriculture and business to create a competitive and indigenous agribusiness sector.

Universities have to explore ways of popularizing agriculture among students. Few students enroll in agriculture programs - many do so because they were unable to gain admission to other fields of study considered to be of higher status. This attitude towards agriculture derives from images of poverty that are associated with agriculture. Universities need to explore ways of making agriculture courses more appealing by including elements that are attractive to youth, such as exposure to modern technology, entrepreneurial training, internships and other opportunities. We need creative models of agricultural higher

education that presents farming as a profitable business along the agri-food value chain. African youth must now begin to see agriculture in a positive way, as a viable activity for creating wealth and as a noble way of life.

“Cultivators of the earth are the most valuable citizens. They are the most vigorous, the most independent, the most virtuous, and they are tied to their country and wedded to its liberty and interests by the most lasting bonds. As long, therefore, as they can find employment in this line, I would not convert them into mariners, artisans, or anything else. Agriculture is our wisest pursuit, because it will in the end contribute most to real wealth, good morals, and happiness.” – President Thomas Jefferson to America’s founding Chief Justice John Jay, 1785.

“There seems to be three ways for a nation to acquire wealth. The first is by war, as the Romans did, in plundering their conquered neighbors. This is robbery. The second by commerce - which is generally cheating. The third by agriculture, the only honest way, wherein man receives a real increase of the seed thrown into the ground, in a kind of continual miracle, wrought by the hand of God in his favor, as a reward for his innocent life and his virtuous industry.” - Benjamin Franklin, April 4, 1769.

Kenya pledged to support RUFORUM in strengthening staff capacities and research facilities in Kenyan Universities • Committed to increase the pool of Women Scientists in Kenya • Committed to support the African Higher Education, Science Technology and Innovation Agenda • Committed to promote intra-African cooperation in research and training • Called upon the African Member States to endorse RUFORUM Charter.

Hon. Janet Kataaha Museveni, First Lady and Minister of Education and Sports, Republic of Uganda:

Uganda committed to supporting operations of RUFORUM Secretariat and would provide land and financial resources to support construction of RUFORUM Secretariat headquarters • Endorsement of the RUFORUM Charter • Endorsed Uganda’s participation in a regional initiative to Build Africa’s Science, Technology and Innovation Capacity • Endorsed

Uganda's participation in Strengthening Higher Agricultural Education in Africa.

Hon. Naledi Pandor, Minister for Higher Education, Republic of South Africa:

Universities and researchers need academic freedom and freedom of expression • Effective science policy needs international partnerships • Policy makers must provide funding for high level development of graduates and support for both established and emerging researchers • Periodic evaluation of initiatives is required • Trust deficit between governments and knowledge institutions must be closed - universities must be regarded as trusted advisors providing well researched advice to help Africa resolve its difficult challenges • It is important to stress that building and sustaining a high performing science, technology and innovation system and higher education system requires hard work, committed focus and investment. However once such systems are entrenched in our continent we will never look back, we shall answer to no one and we will independently determine our fate and our path to development. One of the key foundations for such an advance will be a viable productive agricultural sector – that is why RUFORUM's work is so important to support.

Hon. Obiageli Ezekwesili, former Minister of Education, Federal Republic of Nigeria:

Conference Communiqué should be included in the African Union Committee of 10 Heads of State and Government Summit • Africans should unite and work together to break inter generation cycle of poverty • Africa's human capital should be at the epicenter of the continent's development • African academics should participate actively in politics and governance of the African continent • African Universities should contribute to other continental frameworks such as STISA and CESA.

Hon. Prof. Marie Odile Attanasso, Minister of Higher Education and Scientific Research, Republic of Benin:

RUFORUM Biennial Conference is a key platform for policy makers to deliberate on solutions to higher education challenges and promote regional integration across Africa • Achieving Agenda 2063 is a race against time and Africa must act fast together • Officially invited participants to Benin for the 7th Africa Higher Education Week and the RUFORUM Triennial Conference in 2021 • Hosting the RUFORUM triennial

will be an opportunity for the rest of the world to discover Benin's touristic, cultural, cultic, academic and research potential.

Ambassador (Dr) Amina Mohamed, Cabinet Secretary for Education, Republic of Kenya:



Human-resource capital is very critical in bringing about the desired development progress in Africa. Food insecurity is a major threat on the continent and it is therefore very important for universities as our centres of creativity and innovation to think seriously on how best to overcome this. I will quote Bill Gates on food security who said that *“Innovations that are guided by smallholder farmers, adapted to local circumstances, and sustainable for the economy and environment will be necessary to ensure food security in the future”*

Government of Kenya will continue to engage with the RUFORUM Network to ensure that the resolutions made at the Conference will manifest as a contribution to the “Africa We Want” – a peaceful and secure Africa. My plea is that we remain engaged to the cause of implementing the overall resolutions as well as recommendations that came from each of Parallel Sessions. African Governments should endorse the RUFORUM Charter and the African Universities Agenda for Agricultural Higher Education, Science, Technology and Innovation (AHESI) to allow us move at the same pace and fully utilize the

continental Free Trade Area to trade and learn from each other. There is no better global model.

Hon. Dr. William Samoei Arap Ruto, Deputy President, Republic of Kenya:

Education must do for Africa what it has done for the developed world. It is a key instrument for delivery of Agenda 2063. Academia and scientists are morally bound to provide solutions, relevance and leadership to society • Kenya's Vision 2030 focuses on utilization of Science, Technology and Innovation to raise productivity and efficiency • Kenya is increasing investment in Science, Technology and Innovation through Kenya National Research Fund, Kenya National Innovation Agency and Commission for Science, Technology and Innovation • Kenya is increasing investments in Pan-African oriented initiatives • Called for escalation of Doctoral training in Africa • Applauded the participation of over 500 students in the conference • Called upon Ministers of Education, Vice Chancellors and Development Partners to continue supporting transformative education in Africa • Government of Kenya committed to support – Human Capital development in Africa, Strengthening Intra-Africa Academic Mobility and Regional organizations such as RUFORUM.



EGERTON UNIVERSITY
www.egerton.ac.ke

On behalf of Egerton University, I extend our congratulations to the Regional Universities Forum for Capacity Building in Agriculture (RUFORUM) for successfully organizing the Sixth African Higher Education Week and 2018 Biennial Conference in Nairobi Kenya.

As a member University, Egerton University has benefited immensely from RUFORUM partnership. An example is through grants and scholarships from MasterCard Foundation (MCF) for a project titled Transforming African Agricultural Universities to meaningfully contribute to Africa's growth and development (TAGDev). The TAGDev project is a collaborative venture between MCF and RUFORUM aimed at testing new models of agricultural education and community action research in Africa.

The 2018 Biennial Conference has provided us an opportunity to showcase our progress on transformative action research using the expanded RUFORUM Community Action Research Programme (CARP+) to enhance university led-community impact.

Prof. Rose A. Mwonya, Ph.D.
VICE-CHANCELLOR

Transforming Lives through Quality Education

The Conference recommended enhanced sharing of knowledge, lessons and experiences with international and regional partners; strengthening agribusiness innovation in Africa for employment creation for young people through self-employment and the creation of new employment opportunities; making use of academic mobility to accelerate the training of a critical mass of well qualified faculty in Africa; partnership to strengthen university participation in Intellectual Property management; strengthening use of ICTs to improve the

decentralization of teaching and learning in Africa; and Universities to partner with each other and industry for uptake, patenting, and commercialisation of innovation products and establishment of enterprises.

The meeting further reiterated the central role of government in driving transformation of economies through an enabling environment, planning, coordination, implementation and accountability. Africa should invest in building systems closer to the farm to drive productivity, access to markets, boost resilience and strengthen country and local private sector capability. African governments have to align and balance priorities and private sector interest.

Foresight capacity was recognized as limited in Africa. This points to the need to increase access to higher education based on foresight, especially for addressing the dilemma of how to balance soaring enrolments at universities and country plans and strategies both for now and future, and evidence based decision making using data.

Ministers from 19 African countries and Senior Leaders of Higher Education, Science and Technology assembled at the Ministerial Consultative Meeting on Strengthening Regional Cooperation on Higher Education, Science, Technology and Innovation (HESTI) in Africa held at the University of Nairobi on 23 October 2018 committed to work through national mechanisms to legitimise the work of RUFORUM through a Charter to be endorsed by the respective Governments in line with national established procedures, and also recommended the development of programmes to increase the pool of women scientists in Africa from 14% to 55% by 2030.

The Development Partners meeting called for a consolidation and up-scaling of RUFORUM's work in Africa, noting that some RUFORUM services to members are non-monetary yet far reaching. They further called on RUFORUM to strengthen entrepreneurship capacity and demonstrate impact on ground. China committed to partner with Africa to exchange technologies and knowledge. The Arab Organisation for Agricultural Development committed to working with RUFORUM to implement Vision 2030 and called for others to do the same. Moscow State University committed to Russia-Africa Partnership through RUFORUM.

Distinguished contributors to Africa's development recognised



At the closure of the 6th AHEW and biennial meeting, RUFORUM recognized and honoured the significant contribution to Africa's development of seven distinguished personalities:

- Dr. Habiba Hassan-Wassef from Egypt and former Director of the Inter-Agency Affairs Division of World Health Organisation for her contribution in strengthening programmes for control of cholera, malaria, tuberculosis and HIV/AIDS, and coordination of services for refugees in Africa.
- Dr. Frannie Leautie from Tanzania and Chairperson of the Risk and Audit Committee of the African Risk Capacity Company Limited for her outstanding role in developing and attracting innovative financing to Africa for trade and regional integration, and institutional and human capital development in Africa.
- Dr. Luisa Santos from Mozambique and a retired Professor of the Eduardo Mondlane University for her outstanding research in the area of Integrated Pest Management and championing human capital development in lusophone countries of Africa.
- Dr. Martial De-Paul Ikuonga from Congo Brazzaville and former African Union Commissioner for Human Resources, Science and Technology for

his exemplary role in promoting regional integration and championing education, science, technology and innovation development in Africa.

- Hon. Prof. Bakayoko-Ly Ramatta from Cote d'Ivoire and Minister of Solidarity, Family, Women and Children for her outstanding leadership in promoting higher education reforms and oral health in Africa.
- Dr. Leif E. Christoffersen from Norway and a member of the RUFORUM International Advisory Panel for spearheading global rural development efforts and especially agricultural and environmental programmes in Africa.
- Prof. Francis John Gichaga from Kenya and former Vice Chancellor of University of Nairobi for his inspiring leadership, creativity, and for pioneering the micro-economic model for financing university education in Kenya, and outstanding contribution to policy formulation, innovations and research for sustainable development in Africa,

Knowledge Management

The RUFORUM knowledge hub (K-Hub) is at the core of Secretariat functions as a dynamic and adaptive platform for accelerating the acquisition of knowledge by members and partners. The K-Hub supports mechanisms and platforms for convening members and partners to develop innovative ideas, and demonstrate the power of university-generated analytics and knowledge to provide decision-support tools, policy advice, systems that enable universities improve their operations, and influence communities as users of knowledge.

The Secretariat generated institutional fact sheets on capacities in 40 agricultural higher education institutions in Africa in collaboration with IFPRI/ASTI. 26 editions of regular media monitoring extracts and 29 editions of the RUFORUM Weekly news digest which currently reaches 16, 527 subscribers to the RUFORUM mailing list were published.

The visibility of RUFORUM online platforms continued to increase as follows: Google search yields 53.8 million results (0.4 seconds) in the first 10 top results; Facebook: 22,254 likes; Twitter: 6,602 followers; Blog: 10,020 followers and 573,148 hits; and, the RUFORUM website registered 55970 hits.

The functionality of the RUFORUM Repository was improved by linking it to google scholar and indexing of RUFORUM papers, providing access to over 2,200 publications from both academia and practice. 30 papers were prepared and scheduled for publication in Volume 3 (Issue 2, 3 and 4) of the African Journal

for Rural Development, in addition to 800 peer reviewed papers submitted as extended abstracts for the 6th African Higher Education Week and RUFORUM Biennial Conference 2018 for publication under the Volume 17 of the RUFORUM Working Document Series. Additionally, 16 press releases and 20 other publications in the form of blogs, calls for proposals and scholarships were produced.

Key reports and publications

1. Building Africa’s Capacity to Train for Africa: RUFORUM@15 Summative Outcome Evaluation
(https://ruforum.org/sites/default/files/RUFORUM%20Outcome%20Evaluation_Final%20Report_03%20December%202018-short.pdf)
2. Bringing Science to Communities: Voices from the Field, Volume 1
(<https://ruforum.files.wordpress.com/2017/12/voices-from-the-field-web1.pdf>)
3. Enhancing Potato and Cassava Value Chains Performance. Voices from the Field, Volume 2
(<https://repository.ruforum.org/documents/voices-field-enhancing-potato-and-cassava-value-chains-performance>)

FINANCIAL REPORT

Statement of Income

	FY 2018/19 USD	FY 2017/18 USD
a) Grant Income		
Mastercard Foundation	1,863,023	4,108,298
Carnegie Corporation of New York	618,370	881,570
German Academic Exchange Services (DAAD)	335,757	289,837
Sentinel Project	159,943	72,809
European Union - LEAP4FNSSA Project	99,775	-
Food & Agriculture Organisation	74,740	139,170
ICRISAT (CRP-GLDC)	68,571	-
Platform for African, European Partnerships (PAEPARD)	66,611	33,003
Stichting Wegeningen	44,345	-
EDULINK 11 Online tracking of Alumni	11,672	24,341
Bill and Melinda Gates Foundation	-	2,187,875
USAID - Feed the future project (Ohio State University- iAGRI)	-	58,504
US African Development Foundation	-	40,000
Sub-Total	3,342,806	7,835,407
b) Membership subscription fees	510,000	380,000
c) Other Income		
Biennial Support - Various partners	249,444	-
Member Universities Contribution to Network Activities (UM6P in support of IAM writeshop)	25,000	-
In-lieu of notice period	12,918	-
Sale of disposed motor vehicle	5,212	-
Miscellaneous	2,109	-

	FY 2018/19	FY 2017/18
	USD	USD
Sale of RUFORUM T shirts	820	-
National Research Foundation (NRF)	-	16,982
Miscellaneous Income	-	7,796
Sub-Total	295,503	24,778
Total Income	4,264,575	8,266,789

Statement of Expenditure

a) Grant and related activities

	FY 2018/19 USD	FY 2017/18 USD
Grant and other related activities	3,531,430	2,338,784
Sub-Total	3,531,430	2,338,784

b) Programme Support

Meetings and conferences	1,575,973	847,684
Provision for advances to members	26,002	716,442
Travelling expenses	498,410	511,088
Project costs	316,318	457,317
Marketing and dissemination	125,138	72,057
Monitoring and evaluation	162,059	12,654
Sub-Total	2,703,901	2,617,242

c) Staff costs and other benefits

	2019 US\$	2018 US\$
Salaries and wages	1,176,026	1,301,953
Gratuity	182,048	202,346
Medical Insurance	48,933	60,395
Staff annual Leave	28,600	30,600
Staff Office Insurance	22,140	12,395
Staff training	-	350
Staff recruitment expenses	11,260	-
Staff Relocation expenses	3,630	-
Sub-Total	1,472,638	1,608,039

d) General and Administrative Expenses

Motor vehicle repairs and services	2,352	2,407
Fuel & oils	1,327	694
Insurance	2,495	3,438
Other general and administrative expenses	85,647	68,789
Bank Charges	15,050	12,411
Auditors remuneration	27,000	37,000
Depreciation	18,350	33,203
Office utilities	26,323	21,729
Sub-Total	178,544	179,671
Total Expenditure	7,886,513	6,743,736

Statement of Financial Position as at 30 June 2019

	FY 2018/19 USD	FY 2017/18 USD
Assets		
Non-current assets		
Property and Equipment	62,591	71,824
Current assets		
Advances to member universities	3,391,027	4,711,460
Receivable - Member subscription	573,702	463,893
Other receivables	309,205	303,311
Cash and bank	1,966,019	4,453,202
Sub total	6,239,953	9,931,866
Total assets	6,302,544	10,003,690
Represented by:		
Accumulated fund and liabilities		
Accumulated funds	5,879,935	9,501,873
Current liabilities:		
Payables and accruals	422,609	501,817
Total Accumulated fund and liabilities	6,302,544	10,003,690

PEOPLE: RUFORUM IN JUNE 2019

Membership of the Board of Directors

Name	Title and Affiliation
Vice Chancellors	All Vice Chancellors of the 105 Member Universities
Dr. Mary Shawa	Chairperson, Finance and Administration Committee
Dr. Vuyo Mahlati	President, African Farmers Association of South Africa
Dr. Eusebius J. Mukhwana	Director General, Kenya National Qualification Authority
Dr. Stephen Muchiri	Chief Executive Officer, East African Farmers Federation
Dr. Berrada Younnes	Chairman, OCP Group Morocco

Board Executive Committee

Name	Title and Affiliation	Nationality
Prof. George Kanyama Phiri	Board Chair and Vice Chancellor, Lilongwe University of Agriculture and Natural Resources	Malawi
Prof. Ophelia Weeks	Deputy Board Chair and President, University of Liberia	Liberia
Prof. Luke Mumba	Vice Chancellor, University of Zambia	Zambia
Prof. Amadou Tidiane Guiro	Vice Chancellor, Université Sine Saloum El hadj Ibrahima NIASS	Senegal
Prof. Teresa Akenga	Vice Chancellor, University of Eldoret	Kenya
Prof. Gustave Nachigera Mushagalusa	Vice Chancellor, Université Evangelique en Afrique	DR Congo
Dr. Vuyo Mahlati	President, African Farmers Association of South Africa	Kenya
Dr. Eusebius J. Mukhwana	Director General, Kenya National Qualification Authority	Kenya
Dr. Stephen Muchiri	Chief Executive Officer, East African Farmers Federation	Kenya
Dr. Berrada Younnes	Chairman, OCP Group	Morocco

Membership of the Finance and Administration Committee

Name	Title and Affiliation	Nationality
Dr. Mary Shawa	Committee Chair, Non VC Board member	Malawi
Prof. John Akec Apuruot	Vice Chancellor, University of Juba	South Sudan
Prof. John Maviiri	Vice Chancellor, Uganda Martyrs University	Uganda
Prof. Eriabu Lugujo	Vice Chancellor, Ndejje University	Uganda

Membership of the International Advisory Panel

Name	Affiliation	Nationality
Dr. Jennie van der Mheen	Wageningen University and Research Centre	Netherlands
Dr. Lindiwe Majele Sibanda	Independent Consultant	Zimbabwe
Dr. Katherine Namuddu	Independent Consultant, & Deputy Chairperson Makerere University Council	Uganda
Prof. Kay Leresche	Independent Consultant based in South Africa	Zimbabwe
Dr. David Nielsen	Formerly with World Bank	USA
Dr. Davis Kristin Elizabeth	Consultative Group for International Agricultural Research	USA
Prof. Daniel Sherrard	EARTH University	South Africa
Prof. Bruce Sinsin	Former Vice Chancellor, University of Abomey Calavi	Benin

Membership of the Technical Committee

Name	Affiliation	Nationality
Dr Sokona Dagnoko Sissoko	Ministry of Agriculture, Bamako	Mali
Prof. Frans Swanepoel	University of Pretoria	South Africa
Prof. Pinkie Zwane	Pro-Vice Chancellor (Administration), University of Eswatini	Eswatini
Prof. Emmanuel Tanyi	Dean, Faculty of Engineering and Technology, University of Buea	Cameroon
Prof. Luisa Santos	Independent Consultant	Mozambique
Mr. Joseph Methu	Independent Consultant	Kenya
Prof. Livingstone Sam- Amoah Kobina	University of Cape Coast	Ghana

Staff of the Secretariat

Name	Nationality	Job Title
Adipala Ekwamu	Uganda	Executive Secretary
Nakayiwa Mayega Florence	Uganda	Deputy ES, Planning, Resource Mobilisation and Management
Egeru Anthony	Uganda	Manager, Training and Community Development
Nakyobe Judith	Uganda	Manager, Finance and Administration
Otto Francis	Uganda	Manager, Knowledge Hub
Rukarwa Runyararo Jolyn	Zimbabwe	Manager, Research And Innovation
Okalany Emmanuel	Uganda	Technical Specialist, Development and Partnerships
Nnam Jaqueline	Uganda	Technical Specialist, Knowledge Management
Ekepu David	Uganda	Technical Specialist, Sentinel Project
Kato Jacob	Uganda	Technical Specialist, System Development
Waswa Moses	Uganda	Technical Specialist, Planning, Monitoring, Evaluation and Learning
Mensah Sylvanus	Benin	Technical Specialist, TVET and Undergraduate Training
Hatim Ahmed Elamin Mohammed	Sudan	Technical Specialist, Youth Skills Development and Community Engagement
Adidja Wivine Matabaro	DR Congo	Technical Specialist, Staff Development And Academic Mobility
Amitu Martin David	Uganda	Technical Specialist, System Administration
Aweko Juliet	Uganda	Program Officer, Human Resources And Procurement
Agema Maureen	Uganda	Programme Officer, Corporate Communications and Advocacy
Angoku Loyce	Uganda	Senior Finance Officer
Aguti Evelyn	Uganda	Finance Officer
Siaka Meri	Ghana	Internal Auditor
Doodu Donkor Reginald	Ghana	Systems Accountant
Adriko Godfrey	Uganda	Administrative Assistant
Musa Siddig Abdalla Nada	Sudan	Intern
Latigo Francis	Uganda	Driver
Lubega Jackson	Uganda	Driver
Ssekyondwa Atanasio	Uganda	Gardener
Lwoita James	Uganda	Compound Cleaner
Nagitta Sarah	Uganda	Office Assistant
Awori Esther	Uganda	Office Cleaner
Acaye Phillip	Uganda	Chief Security Officer
Aguda Denis	Uganda	Security Officer
Odongo Dennish	Uganda	Security Guard

MEMBER UNIVERSITIES

Region	Country	University	Vice Chancellor	Location	Year of Joining	Year of Establishment
Central	Burundi	University of Burundi	Prof. Havyarimana Francois	Bujumbura	2009	1964
		Université de Buea	Prof. Horace Manga Ngomo	Buea	2017	1993
	Cameroon	Université de Dschang	Prof. Roger Tsafack Nanfosso	Dschang	2018	1993
		University of Ngaoundere	Prof. Florence Uphie Chinje Melo	Ngaoundere	2018	1993
	Chad	Université de N'Djamena	Prof. Hagggar, Ali Abdel-Rhamane	N'Djamena	2017	1971
	Congo Brazzaville	Université Marien Ngouabi	Prof. Jean-Rosaire IBARA	Brazzaville	2017	1971
	DR Congo	Université Catholique de Bukavu	Prof. Abbé Paul Karhamikire Kadundu	Bukavu	2009	1989
		Université Evangelique en Afrique	Prof. Gustave Nachigera Mushagalusa	Bukavu	2014	1991
	Gabon	Masuku University of Science and Technology	Pr Ella Missang Crepin	Franceville	2017	1986
Eastern	Ethiopia	Bahir Dar University	Prof. Ferew Tegegne Amogne	Bahir Dar	2018	2001
		Haramaya University	Prof. Jemal Yousuf Hassen	Alemaya	2009	1954
		Jimma University	Dr. Jemal Abafita	Jimma	2015	1999
		Mekelle University	Prof. Gebrehiwet Kindeya	Mekelle	2009	1991
	Kenya	Chuka University	Prof. E.N. Njoka	Tharaka Nihi County	2018	2004
		Egerton University	Prof. Rose A. Mwonya	Nakuru	2004	1987
		Jaramogi Oginga Odinga University of Science and Technology	Prof. Stephen G. Agong	Bondo	2017	2013
		Jomo Kenyatta University of Agriculture and Technology	Prof. Victoria Wambui Ngumi	Nairobi	2004	1981
	Kenya	Karatina University	Prof. Mucai Muchiri	Karatina	2017	2013
		Kenyatta University	Prof. Paul Wainaina	Nairobi	2004	1985
		Masinde Muliro University of Science and Technology	Prof. Joseph Bosire	Kakamega	2015	1977

Region	Country	University	Vice Chancellor	Location	Year of Joining	Year of Establishment
		Moi University	Prof. Isaac Kosgey	Eldoret	2004	1984
		Pwani University	Prof.M.S. Rajab	Kilifi	2018	2013
		South Eastern Kenya University	Prof. Geoffrey Muluvi	Kitui	2017	2013
		University of Eldoret	Prof. Teresa Akenga	Eldoret	2013	1946
		University of Nairobi	Prof. Isaac Mbeche	Nairobi	2004	1970
	Rwanda	University of Kibungo	Prof. Karuranga Gahima Egide	Ngoma	2016	2003
		University of Rwanda	Prof. Phillip Cotton	Kigali	2009	1963
	South Sudan	John Garang University of Science and Technology	Prof. Abraham Dhal	Bor	2014	2006
		University of Juba	Prof. John Akec Apuruot	Juba	2010	1977
		Peace University	Prof. Ahmed Osman Mohamed Idris	West Kordofan	2015	2008
		University of Dongola	Prof. Badreldeen Khalil Ahmed	Dongola	2018	1991
	Sudan	University of Gadarif	Prof. Mohammed Ahmed Al Haj	Al Qadarif	2018	1990
		University of Gezira	Prof. Mohammed Khalid Abdelrahman Ahmed	Wad Medani	2009	1975
		University of Khartoum	Prof. Fadwa Abdelrahman Ali Taha	Khartoum	2015	1902
		University of Kordofan	Prof. Babikir Karama Mohamed	Al Ubayjid	2009	1990
	Tanzania	Nelson Mandela Africa Institute of Science and Technology	Prof. Emmanuel J. Luoga	Arusha	2014	2012
		Sokoine University of Agriculture	Prof. Raphael Tihelwa Chibunda	Morogoro	2006	1984
		Bishop Stuart University	Prof. Maud Kamatenesi-Mugisha	Mbarara	2016	2002
		Bugema University	Prof. Patrick Manu	Kampala	2018	1948
	Uganda	Busitema University	Prof. Paul Waako	Tororo	2014	2007
		Gulu University	Prof. George Ladaah Openjuru	Gulu	2009	2002
		Kabale University	Prof. Joy C Kwesiga	Mbale	2018	2001
		Kyambogo University	Prof. Eli Katunguka	Kampala	2009	2003

Region	Country	University	Vice Chancellor	Location	Year of Joining	Year of Establishment
		Makerere University	Prof. Barnabas Nawangwe	Kampala	2004	1922
		Mbarara University of Science and Technology	Prof. Celestino Obua	Mbarara	2015	1989
		Muni University	Prof. Christine Dranzoa	Arua	2016	2012
		Ndejje University	Prof. Eriabu Lugujo	Luwero	2014	1992
		Soroti University	Prof. J.R. Ikoja Odongo	Soroti	2018	2013
		Uganda Christian University	Rev. Canon Dr. John Senyonyi	Mukono	2014	1997
		Uganda Martyrs University	Prof. John Maviiri	Nkozi	2009	1993
		Uganda Technology and Management University	Prof. Benon Basheka	Kampala	2015	2012
Northern	Egypt	Cairo University	Mohamed Osman Elkhosht	Cairo	2016	1908
	Morocco	Institut agronomique et vétérinaire Hassan II	Prof. Ali Hammani	Casablanca	2017	1975
		Mohammed VI Polytechnic University	Prof. M. Hicham El Habti	Benguerir	2017	2013
	Tunisia	Universite Virtuelle de Tunis	Prof. Mahjoub Aouni	Tunis	2018	2002
Southern	Angola	Jose Eduardo Santos University	Prof. Christovao Simoes	Huambo	2018	2009
	Botswana	Botswana University of Agriculture and Natural Resources	Prof. Shalaulani J. Nsoso	Gaborone	2009	1991
		University of Botswana	Prof David Norris	Gaborone	2009	1982
	Lesotho	National University of Lesotho	Prof. Manthoto H. Lephoto	Luyengo	2009	1964
	Madagascar	Université d'Antananarivo	Prof. Mamy Raoul Ravelomanana	Roma	2009	1945
	Malawi	Lilongwe University of Agriculture and Natural Resources	Prof. George Kanyama-Phiri	Lilongwe-Bunda	2014	1955
		Malawi University of Science and Technology	Prof. Address Mauakowa Malata	Lilongwe-Bunda	2012	2012
		Mzuzu University	Prof. John Kalenga Saka	Thyolo	2015	2012
		Nkhoma University	DVC Dr. Elias Kaphesi	Luwinga, Mzuzu	2010	1997
		University of Malawi	Prof. Al Mtenje	Nkhoma, Lilongwe	2017	2016
	Mauritius	University of Mauritius	Prof. Dhanjay Jhurry	Zomba	2016	1966

Region	Country	University	Vice Chancellor	Location	Year of Joining	Year of Establishment
	Mozambique	Eduardo Mondlane University	Prof. Dr. Orlando Antonio Quilambo	Reduit, Moka	2016	1965
		Universida de Catolica de Mozambique	Prof. Pe. Alberto Ferreira	Maputo	2004	1962
		Universda de Zambeze	Prof. Roque dos Santos	Reitoria	2010	1996
Namibia		University of Namibia	Prof. Dr. Kenneth Kamwi Matengu	Beira	2018	2007
South Africa		Stellenbosch University	Prof. Wim de Villiers	Windhoek	2010	1992
		Tshwane University of Technology	Prof. Lourens R. Van Staden	Stellenbosch	2013	1866
		University of Fort Hare	Prof Sakhela Buhlungu	Pretoria	2017	2004
		University of Free State	Prof. Francis Petersen	Alice	2015	1997
		University of Limpopo	Prof. Nehemia Mashomanye Mahlo Mokgalong	Bloemfontein	2014	1904
		University of Pretoria	Prof. Tawana Kupe	Limpopo	2016	2005
		University of South Africa	Prof. S. Mandla Makhanya	Pretoria	2014	1908
		University of Venda	Prof. Ndanduleni Bernard Nthambeleni	Pretoria	2016	1873
		University of Western Cape	Prof. Tyrone Pretorius	Thohoyandou	2014	1982
	eSwatini		University of eSwatini	Prof. Justice M. Thwala	Cape Town	2018
Zambia		Copperbelt University	Prof. Naison Ngoma	Kitwe	2014	1987
		University of Zambia	Prof. Luke Evuta Mumba	Lusaka	2006	1966
Zimbabwe		Africa University	Prof. Munashe Furusa	Mutare	2004	1988
		Bindura University of Science Education	Prof. Eddie Mwenje	Bindura	2017	1996
		Chinhoyi University of Technology	Prof. David Jambgwa Simbi	Chinhoyi	2018	2001
		Great Zimbabwe University	Prof. R.J Zvobgo	Masvingo	2018	1999
		Lupane State University	Prof. Pardon Kuipa	Bulawayo	2014	2005
		University of Zimbabwe	Prof Paul Mapfumo	Harare	2004	1952
Western	Benin	University d'Abomey Calavi	Prof. Maxime Da Cruz	Abomey-Calavi	2014	1970
	Côte d'Ivoire	Institut National Polytechnique	Prof. Koffi N'Guessan	Yamoussoukro	2017	1996

Region	Country	University	Vice Chancellor	Location	Year of Joining	Year of Establishment
		Université Felix Houphet-Boigny	Prof. Abou Karamako	Abidjan	2017	1964
		University of Cape Coast	Prof. Joseph Ghartey Ampiah	Cape Coast	2014	1962
	Ghana	University of Development Studies	Prof. Gabriel Ayum Teye	Tamale	2018	1992
		University of Ghana, Legon	Prof. Ebenezer Oduro Owusu	Accra	2018	1948
	Liberia	University of Liberia	Dr Julius S. Nelson	Monrovia	2017	1862
	Mali	Institut Polytechnique Rural de Formation et de Recherche Applique	Dr. Lassine Soumano	Bamako	2016	1897
		Bayero University	Prof. Muhammad Yahuza Bello	Kano	2017	1962
		Federal University of Technology-Minna	Prof. Abdullahi Bala	Minna	2018	1983
	Nigeria	Federal University of Technology Owerri	Prof. F. C. Eze	Owerri	2016	1980
		University of Nigeria Nsukka	Prof Charles A. Igwe	Nsukka	2018	1955
		University of Port Harcourt	Prof. Sunday Lale	Port Harcourt	2014	1975
		Université Cheikh Anta Diop de Dakar	Prof. Ibrahima Thioub	Dakar	2016	2013
	Senegal	Université Sine Saloum El Hadj Ibrahima NIASS	Prof. Amadou Tidiane Guiro	Dakar	2017	1957
	Sierra Leone	Njala University	Prof. Abdullah Mansaray	Bo and Njala	2017	1964
	Togo	University of Lome	Prof. Komla Dodzi Kokoroko	Lome	2018	1970