



RUFORUM AT A GLANCE

Regional Universities Forum for Capacity building in Agriculture

Skilled, Passionate
and Confident Graduates

Our Vision:

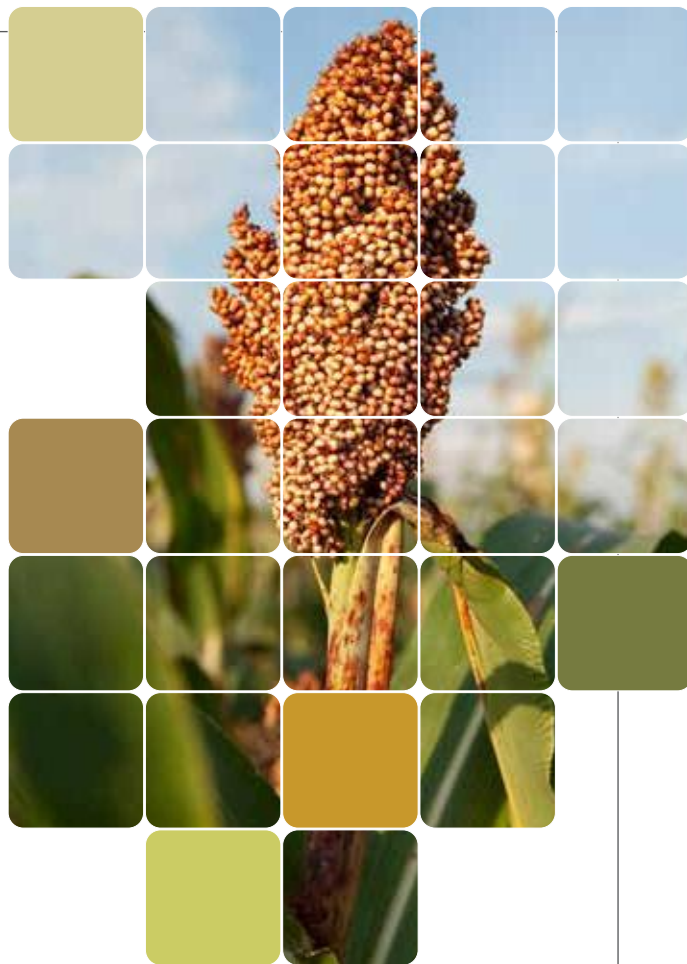
Vibrant, transformative universities catalysing sustainable, inclusive agricultural development to feed and create prosperity for Africa

Our Mission:

To strengthen the capacities of Universities to foster innovations responsive to the demands of smallholder farmers and value chains through the training of high quality researchers, the output of impact-oriented research, and the maintenance of collaborative working relations among researchers, farmers, market actors, national agricultural research and advocacy institutions, and governments.

Our Motivation:

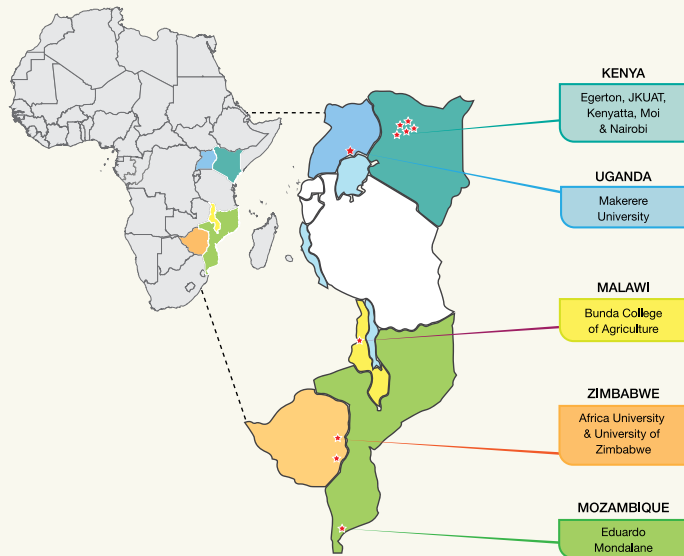
“Transforming agriculture in Africa requires innovative scientific research, educational and training approaches. The education sector needs to be more connected to the new challenges facing rural communities and needs to build capacity of young people to be part of the transformation of the agricultural sector”. Reinforced by the Science Agenda for Agriculture in Africa.



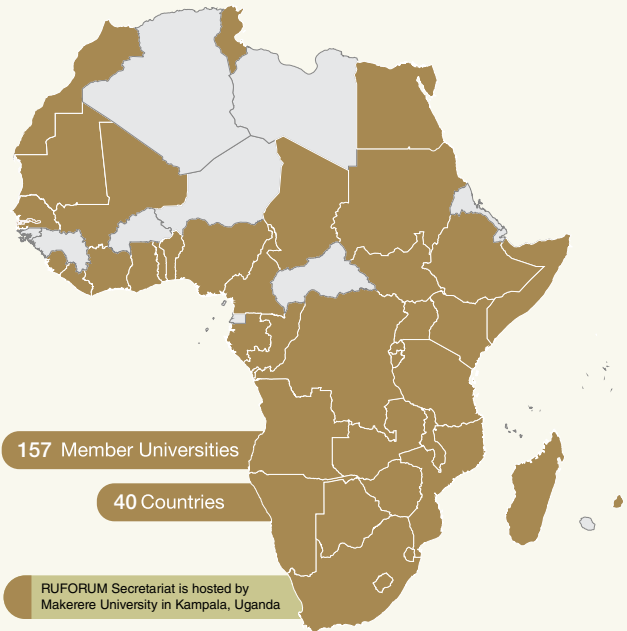
Our Coverage

Expansion has been in Scope, Countries and within Countries

Phased Expansion 1992 - 2022



Present



Our Genesis and Evolution

1988: Rockefeller Foundation recognised that food and nutrition security, as an emerging challenge in Africa, would involve more than just productivity increases in staple crops. It would require a strong national base of university graduates and national institutions.

1992: Rockefeller Foundation launched the Forum on Agricultural Resources Husbandry (FORUM) to revitalise graduate training (Masters Level) in 10 universities in eastern and southern Africa. The goals were: 1) train a pool of mid career (MSc) scientists in required disciplines, and 2) create a pipeline for PhD training to strengthen agricultural faculties in target countries.

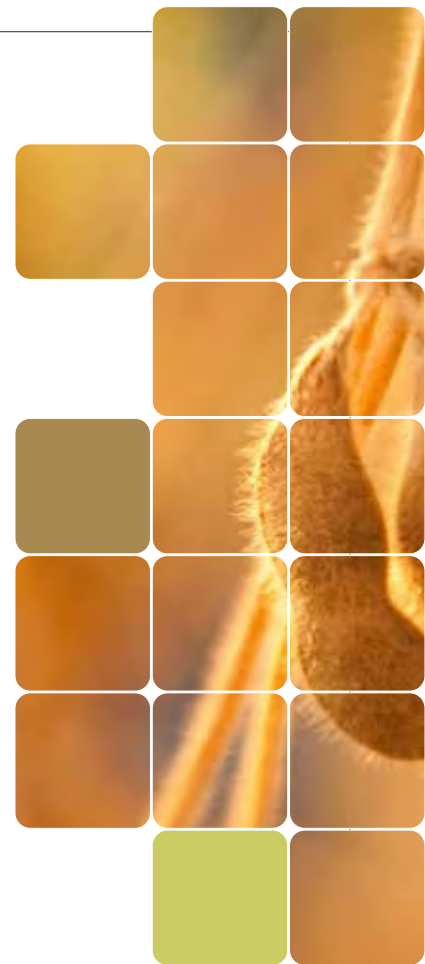
2004: Vice Chancellors, in an African-led initiative, created RUFORUM, a metamorphosis of FORUM into a collectively owned institution (network), aligned with CAADP processes, as a platform for networking, advocacy, and resources mobilisation for food and nutrition-related faculties.

2008: Bill and Melinda Gates Foundation (BMGF) provided key core support that sustained the Secretariat and attracted other donors to invest in RUFORUM as it provided new services and expanded the breadth of its network.

2012: A review of BMGF support confirmed RUFORUM's important role and the Foundation approved continued support to 2018.

2017: RUFORUM crafted thrusts to support the then 66 member universities in 26 member countries, to serve as a voice for Higher Education in Agriculture in Africa.

2018: RUFORUM launched its Vision 2030: The African Universities' Agenda for Agricultural Higher Education, Science, Technology and Innovation (AHESTI).





Our Journey, Our Future

Universities better equipped to tackle development

FORUM as a project 1992

- Rockefeller Foundation as sole Funder
- Revitalized graduate MSc training in Eastern, Central and Southern Africa
- Over 250 MSc. graduates trained between 1992 - 2003

RUFORUM as a Network 2004

- Multi-donor support
- Collectively owned by African Universities
- Linking universities to communities
- Trained 1433+ MSc and PhD graduates between 2004 - 2016

The Future

- University, Private Sector and Government interconnectedness
- Regional Partnerships become institutional priority
- Vibrant Academic Mobility across Africa

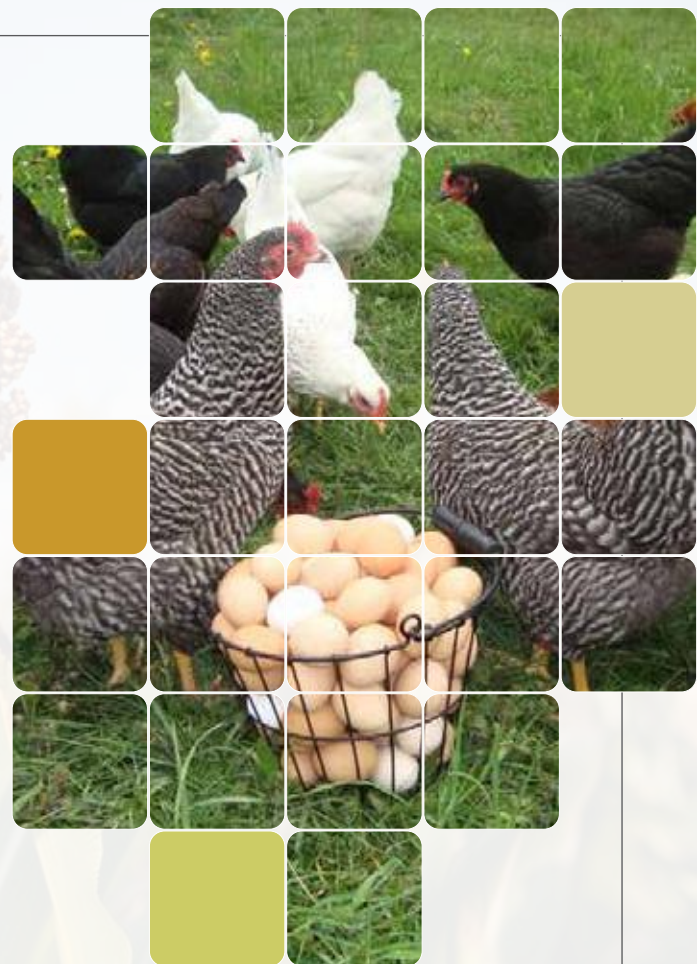
Their Journey, is Our Journey - We can shape their future

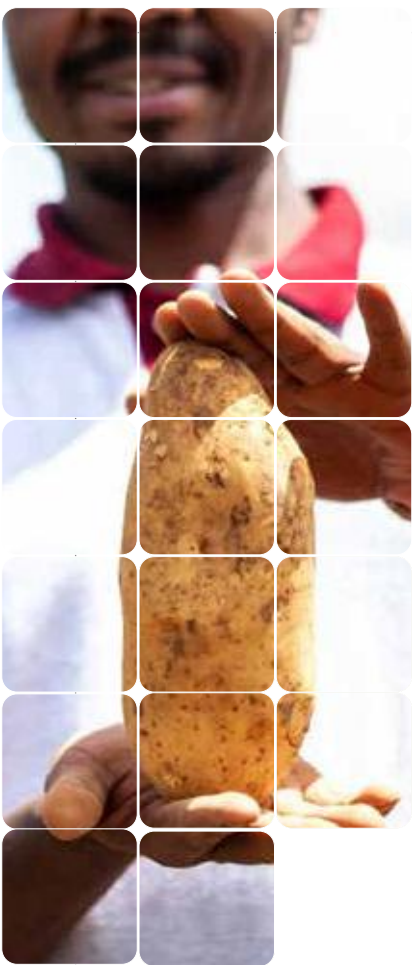
Who we are

The Regional Universities Forum for Capacity Building in Agriculture (RUFORUM), established by ten Vice Chancellors in 2004, is a consortium of 157 African universities operating within 40 countries spanning the African continent. RUFORUM is coordinated by a Secretariat hosted by the Uganda Government at Makerere University in Kampala, Uganda. The organisation evolved from its predecessor, the Forum on Agricultural Resource Husbandry (FORUM) programme of the Rockefeller Foundation.

RUFORUM is registered as an International Non-Governmental Organisation (NGO) in Uganda. In July, 2014, RUFORUM signed a cooperation agreement with the African Union to support the implementation of the African Union Science, Technology and Innovation Strategy for Africa, (STISA 2024). RUFORUM is also an implementing partner of the Action Plan for the Committee of Ten Heads of State and Government (C10) Championing Education, Science and Technology in Africa, endorsed in November 2018 in Lilongwe, Malawi.

RUFORUM supports universities to address the important and largely unfulfilled role that universities play in contributing to the well-being of small-scale farmers and economic development of countries throughout Africa.





RUFORUM Interventions

Multi-faceted Capacity Building Strategy



01 TAGDev

Transforming African Agricultural Universities to meaningfully contribute to Africa's Growth and Development



RANCH 02

Regional Anchor Universities for Agricultural Higher Education



03 CREATE

Cultivating Research and Teaching Excellence



K-Hub 04

Knowledge Hub for University Networking, Partnerships and Advocacy

**RUFORUM
Interventions**

Our Strategic Objectives:

Building synergy from networks of specialisation to develop quality human resources and capacity required to intensify and increase Africa's agricultural productivity and competitiveness;

Ensuring the products, processes and knowledge developed through university research directly respond to and are used by value chain actors in the agri-food system to catalyse transformation; and,

Marshalling resources and strategically allocating them to enable African universities to transform into viable institutional entities responsive to national aspirations and conditions through intensive knowledge-sharing and collective action.



Our Strategic Thrusts



Train a critical mass of MSc and PhD graduates who are responsive to stakeholder needs and development goal



Develop collaborative research and training facilities that achieve economies of scope and scale



Catalyze Technical and Vocational skills development and enhance TVET-University integration



Increase the use of technology to support effective, decentralised learning and sharing of knowledge



Increase the participation and voice of women in research, production and marketing



Create a dynamic regional platform for policy advocacy, coordination, and resource mobilisation for advanced learning/doing



Improve adaptive capacities of universities to produce high quality and innovative training, research, and producing high quality outreach services



Mainstream new approaches within university teaching/research that have impact across the agricultural sector's full value chain

What we do



Promoting rural transformation through outreach to foster rural transformation and entrepreneurship



Support cutting edge research to develop new technologies and skills development to improve food and nutrition security.



Collaborative Regional MSc and course-based PhD Programmes: One year course work, two years research for the PhD and one year research for the MSc. in collaboration with leading research institutes in Africa and overseas (including links with the World Bank's African Centres of Excellence initiative)

Professional and Skill Development: A key effort of RUFORUM is directed at creating opportunities for professional development of university scientists and graduate students and developing their

competencies for multi-task functions. This is achieved in a variety of ways:

1. Providing opportunities for staff exchanges and attachments to communities and regional and global knowledge centres
2. Providing short targeted training and learning sessions to a) upgrade or develop new technical skills, and b) build competencies in leadership, management and cross-cutting professional skills (Personal Mastery/Soft Skills)
3. Linking students to field oriented research (attachments). Attachments are designed to consolidate the research work and provide an opportunity to follow-up on important research leads
4. Internship is an important area that strengthens university linkages with communities through follow up of their students' activities but more importantly support student orientation to work with communities and build on the work they started on during thesis research

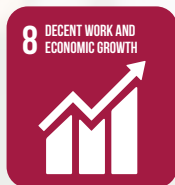


In September 2015, 193 countries reached an agreement on 17 Sustainable Development Goals (SDGs). RUFORUM equally supports the implementation of the SDGs through its strategic plan. What we do is directly linked to several of the 17 goals and associated indicators. Read more at globalgoals.org



Promoting Female Participation: RUFORUM has a deliberate policy to promote womens'-education, primarily through increasing opportunities for graduate training, and working with them and other actors to advance their academic careers. RUFORUM is working with the member universities to mainstream gender in

their programmes, and to establish deliberate plans to increase access to especially postgraduate education and job placement of women and other disadvantaged groups. RUFORUM research and development activities are also designed to ensure active women participation



A Graduate Teaching Assistantship Programme (GTAP): As part of strengthening staff development in African Universities, the GTA programme involves the host University waiving fees and providing accommodation for PhD students nominated by other member Universities, while the sending University provides

travel, stipends and research funds. To date, 157 Member Universities from 40 countries have agreed to provide a total of 325 graduate teaching assistantships at an average three-year unit cost of \$45,050 for sending Universities and a waiver of US\$14,350 from receiving Universities. Resources for research costs need to be mobilised by the students, universities and externally



Competitive Graduate Research Grants (GRGs): With field attachments and a targeted focus on the theme of "Innovation for sustainable systems within value chains that improve smallholder incomes"

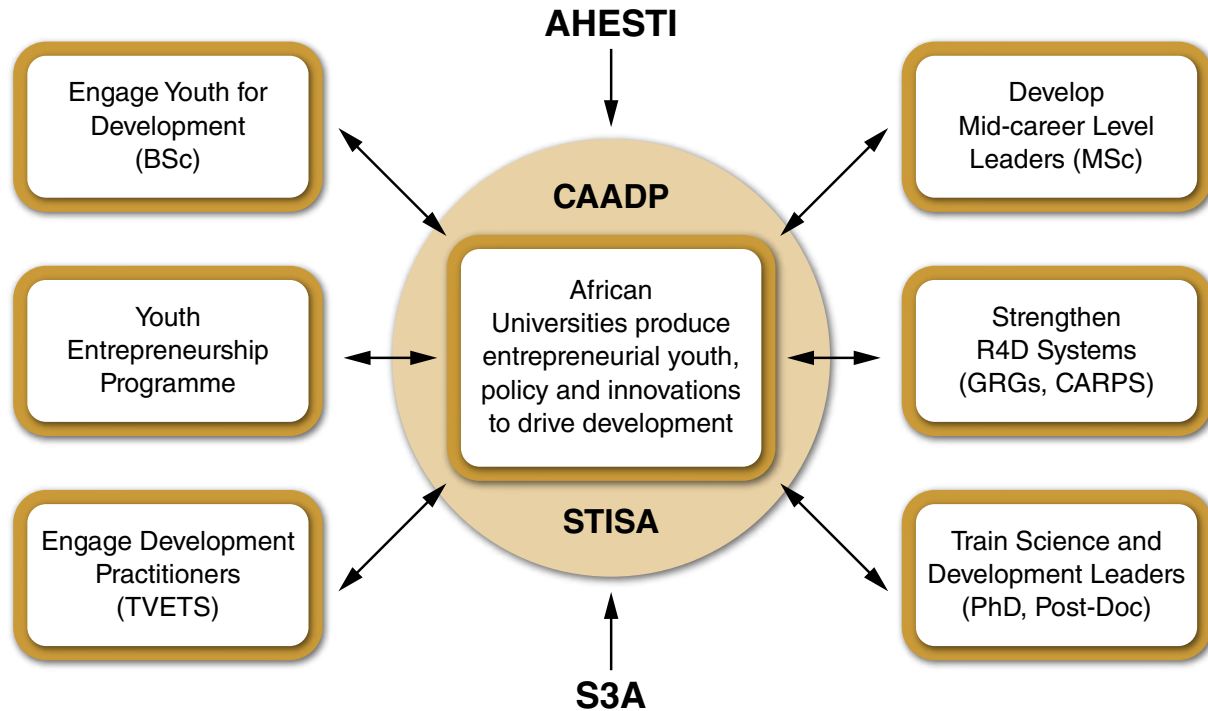


Institution Strengthening Grants (ISGs): under this programme strong Universities nurture weaker ones. Special attention is placed on staff development, training in research methods, building capacity for research on emerging topics, and encouraging quality proposals from a range of disciples and from women (to date RUFORUM can boast of a 46% female enrolment in its postgraduate programmes)



Enhanced Community Action Research Programmes (CARPs): Focus on specific value chains that engage faculty and students in work with stakeholders to activate major gains for smallholders' income, food and nutrition security and also strengthen education value chain

RUFORUM Intervention Areas



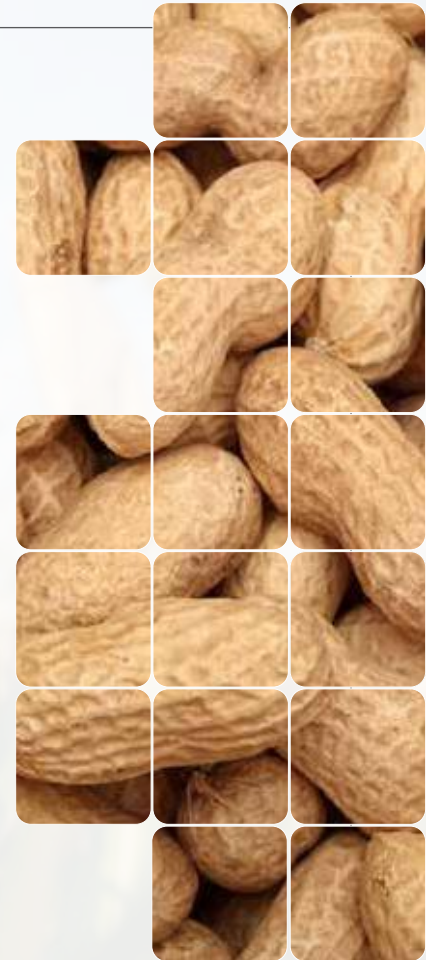


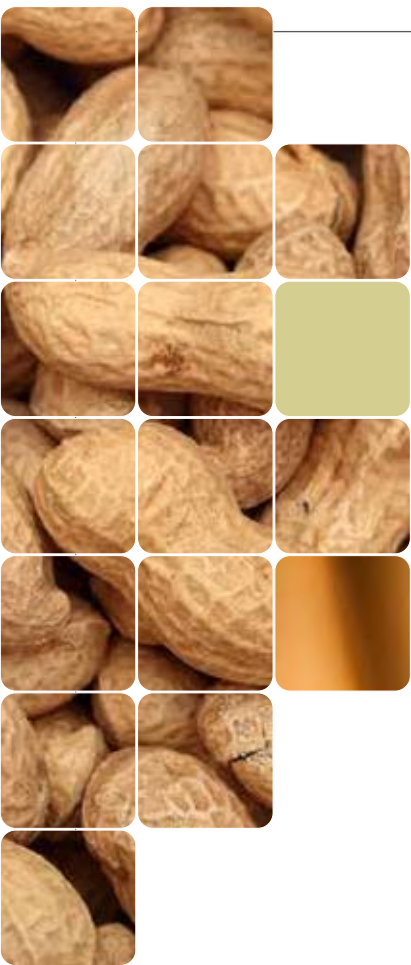
Why Work **With Us**

Why work with us

RUFORUM has several unique features for building Africa's innovation capacity and engaging universities in development process and practice. The following are reasons you should work with us:

1. We are owned and managed by Africans
2. We derive our agenda largely from the continent wide policy frameworks especially of the African Union-New Partnership for African Development (NEPAD) Comprehensive Africa Agriculture Development Programme (CAADP), Science, Technology and Innovation Strategy for Africa (STISA 2024), Continental Education Strategy for Africa 2016 - 2025 (CESA 16-25) and Continental Strategy for Technical and Vocational Educational and Training (TVET)
3. African Union Commission (AUC) has mandated RUFORUM to facilitate and coordinate work in the area of higher education in agriculture, and its relationship to science, technology and innovation on the continent through an MOU signed in 2014. RUFORUM is also an implementing partner of the Action Plan for the Committee of Ten Heads of State and Government (C10) Championing Education, Science and Technology in Africa
4. We allow for joint action by the member universities. This is enhanced through joint faculty appointment for the 157 universities, payment of local fees by graduate students and national mechanisms (National Forums) which ensure wide stakeholder participation in the RUFORUM programmes
5. As a consortium, we provide a wide array of training opportunities for stakeholders, and we are in the process of establishing credit transfer mechanisms among the member universities





Our Focus

RUFORUM focuses on building high-quality and relevant postgraduate training in Agricultural sciences and Science, Technology and Innovation (ST&I), providing targeted support for undergraduate training, research and knowledge-sharing; providing technology platforms and the “skills revolution” needed for Universities to be leading actors in the national agricultural transformation systems and regional centres of excellence to train the next generation of scientists for Africa.

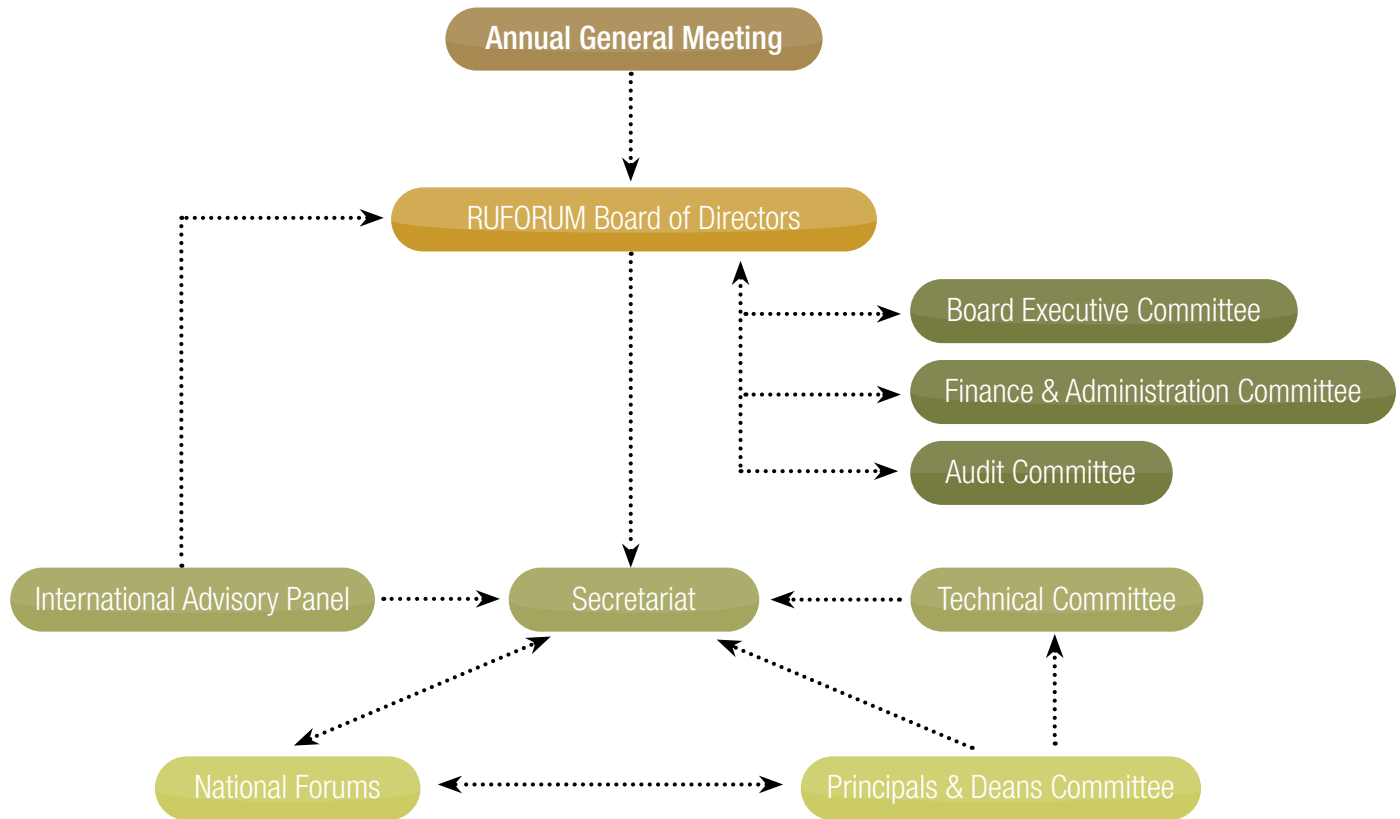
The Network facilitates greater engagement and responsiveness of African universities with farming communities and connecting universities with agricultural systems and the private sector. RUFORUM also champions national and regional policies that support post graduate training and research. RUFORUM does this through promoting regional collaboration, exchange, and harmonized standards among its members.

How we operate

The RUFORUM Governance structure is designed to promote ownership of the organisation by the member universities while at the same time ensuring good international practices and quality. There are six main governance organs that are serviced by a Regional Secretariat as the management and service delivery unit. Each of these organs has distinct responsibilities that are interlinked or feed into each other. The governance structure of the consortium consists of the following elements:

1. **The Annual General Assembly:** It is the supreme organ of the organization.
2. **RUFORUM Board of Directors:** The RUFORUM Board has three sub-committees namely the Executive Committee Board, Audit Committee and Finance Administration Committee.
3. **International Advisory Panel:** They advise the Board and Management on international funding contexts, strategic priorities and partnerships and mobilizing international support for RUFORUM
4. **Technical Committee:** The seven-person Technical Committee consists of four persons from outside the University system and three from within
5. **Principals and Deans Committee :** It provides the critical link between the operational side of RUFORUM's faculties and the policy making side
6. **National Forums:** These provide a platform for stakeholders to articulate demands for university services, advocate for change and provide feedback on the usefulness of RUFORUM activities
7. **Audit Committee:** Provides oversight on Audit operations of the Secretariat

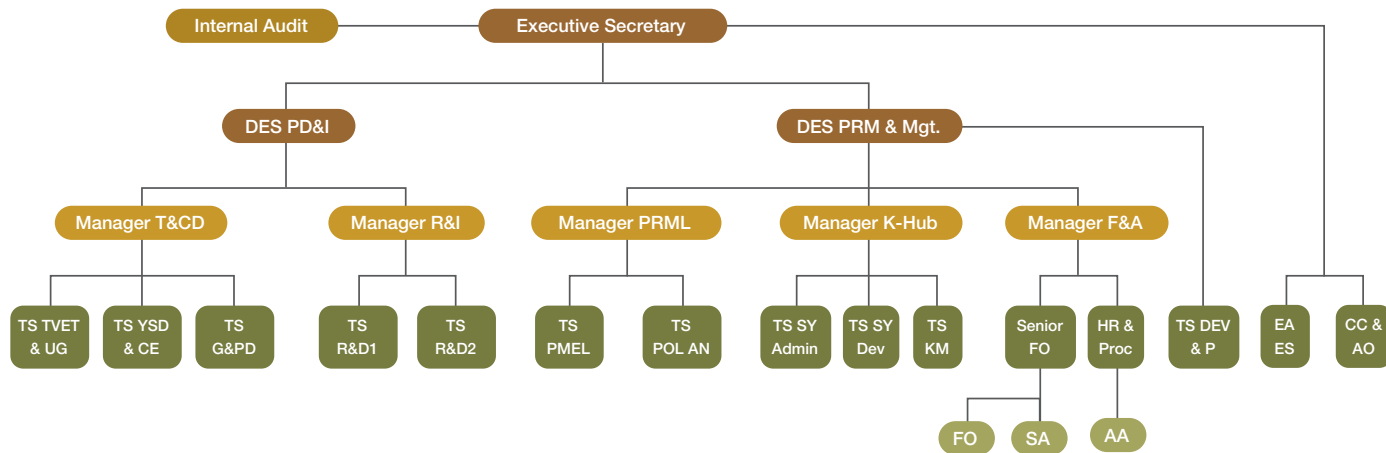
RUFORUM Secretariat coordinates and facilitates the services of the network. Its highly qualified and experienced team is composed of professionals headed by an Executive Secretary, two Deputy Executive Secretaries, six Managers, 12 technical specialists.



Our Team

RUFORUM units are Training and Community Development (T&CD), Research and Innovation (R&I), Program Result Measurement and Learning (PRML), Knowledge Hub (K-Hub), Finance and Administration (F&A).

Current RUFORUM Secretariat Organogram as of 12 May 2018



KEY

DES PD & I – Deputy Executive Secretary, Programme Development & Implementation
 DES PRM & Mgt - Deputy Executive Secretary, Planning, Resource Mobilisation & Management
 TVET & UG – Technical, Vocational Education & Undergraduate Training
 AA - Administrative Assistant
 CC& AO – Corporate Communication & Advocacy Officer
 R&D – Research & Development
 F&A – Finance & Administration
 G&PD – Graduate & Post-Doctoral
 SY Admin- Systems Administrator
 T & CD - Training & Community Development
 EA ES - Executive Assistant to the Executive Secretary

HR & Proc – Human Resource & Procurement Officer
 TS – Technical Specialist
 KM – Knowledge Management
 PMEL – Planning, Monitoring, Evaluation & Learning
 YSD&CE – Youths Skills Development & Community Engagement
 PRML – Program Result Measurement & Learning
 Pol An - Policy Analyst
 Dev & P - Development & Partnership
 SA – Systems Accountant
 FO - Finance Officer
 SY Dev - Systems Development
 R&I - Research & Innovation



Highlights of Key Achievements

Empowering Faculty and students to undertake Community Action Participatory Research

The RUFORUM grant enabled me to win four additional grants amounting to over USD \$100,000. This came as a result of the experience acquired from the RUFORUM grant in terms of research project management, accounting for 3rd party funding money, and project report writing (Dr. Joseph Matofari, Egerton University)

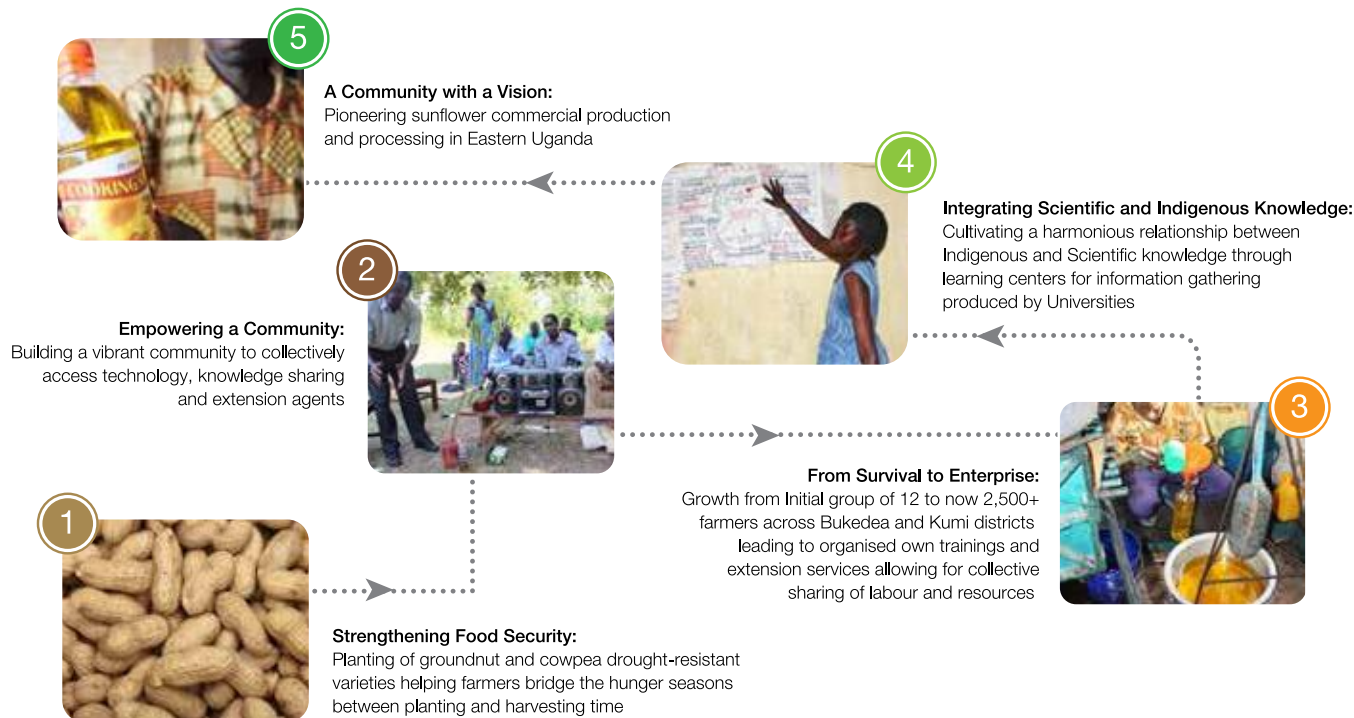
The RUFORUM grant has given me insights into writing research for development proposals. The grant contributed to my being promoted to full professor since four journal articles were produced from the research. (Prof. Emmanuel Manzungu, University of Zimbabwe)

Managing a RUFORUM Grant improved my mentoring skills. One of my mentee students can now run a breeding programme, with limited supervision. This student was retained in the university soybean breeding programme as a breeder, boosting the university capacity in this field. (Prof. Phinehas Tukamuhabwa, Makerere University)



Transforming Small Scale Farming Communities

From conflict to Prosperity - P'kwii, Bukedea - Uganda



Collaborative Innovations as a Solution

RUFORUM grants ensure that a research problem is defined by the intended end users. University research teams then seek partnerships and linkages, in an effort to solve the defined farmer problems

Government of Botswana adopts dairy goats under its Poverty Eradication Programme following success of a dairy goat study led by Botswana College of Agriculture

Fruit fly project in Eduardo Mondlane receives support from the International Centre for Insect Physiology and Ecology (ICIPE), Agrifuturo/USAID, Royal Museum for Central Africa (Belgium), Mozambique

Students' barley experiments receive support from project and public research institutes, Mekelle University - Ethiopia



The JKUAT Master's in Research Methods: what a course!

By Nancy Chege

This is the story of how my life was beautifully transformed.



Many years ago, I enrolled for a Master's degree in Agricultural Education which later turned into a nightmare. My statistical skills, data and information management skills were minimal and I felt completely helpless every time I thought of testing hypotheses. I could not differentiate between type one and type two errors, did not know there were assumptions guiding the use of ANOVA tests, and could not

tell when to use regression, correlation or even simple descriptive analysis.

When people talked about p-values, f-tests, t-tests, chi-squared tests, post hoc analysis and the like, I had no clue what they were talking about! In an effort to address this challenge, I contacted my colleague lecturers in the TVET institution where I worked, but all was in vain.

As a last resort, I went online looking for answers, even though I had minimal computer skills. This quest became a turning point in my life as that was how I discovered the MSc Research Methods course sponsored by the Regional Universities Forum for Capacity Building in Agriculture (RUFORUM). Even though I doubted I was going to get such a competitive scholarship, I applied anyway.

I therefore could not believe it when, after a few weeks, I got a congratulatory message. RUFORUM had granted me a scholarship to undertake the MSc Research Methods course

at Jomo Kenyatta University of Agriculture and Technology (JKUAT) in Kenya!

This marked the beginning of a journey that would transform my life.

The course captivated me so much that I felt I could do things I previously thought were impossible! Before commencing the face-to-face classes at JKUAT, students had to complete a pre-requisite online course on "e-Statistics Made Simple". My computer skills were low at the time, making it difficult for me to navigate through the Statistical Service Centre website where the course was hosted.

Besides, I thought my fingers were too big to press the keyboard keys and the cracks on my palms, resulting from many years of peeling bananas when cooking for my family, would be rejected by the computers. I owe a lot to my friend, Mary Onsarigo, who encouraged me and gave me initial lessons on navigating the course.

After a while I became an expert in doing assignments and some of my online classmates started asking me for help because of the speed at which I completed assignments. I started enjoying online facilitation too and learnt the online etiquette (netiquette) within a short time, thanks to our online facilitator.

We eventually qualified to enroll in the MSc Research Methods course and, on 13 October 2009, reported to JKUAT for the start of the MSc course. Our class was diverse, with some of my classmates coming from other African countries including Rwanda, Burundi, Tanzania, Malawi, Zimbabwe, Zambia, Uganda and Ethiopia. Some of these students were learning English for the first time and I had given up on ever communicating with them due to language barrier. But wait... the facilitators had a plan to overcome that.

We were placed in different discussion groups such that by the end of the course I had interacted with everyone, not to mention that my closest friend turned out to be my classmate from Burundi who had just learned to communicate in English. Through him I learned to be patient, even as he often scratched his

head looking for English words to contribute to discussions. I endured such moments by continually saying to myself "patience patience patience...". It paid off, because once we crossed the language barrier I was able to unravel the golden qualities in these classmates. These interactions contributed to my first transformation and raised the performance level of the class.

500 US DOLLARS for what I had done for free!

The way the course was delivered was superb! Difficult statistical concepts were simplified, even using games to simulate research designs. All the courses offered were very useful, interesting and presented by excellent facilitators. Slowly, all my previous challenges were addressed one after the other.

Descriptive statistics, inferential statistics, statistical modelling, data and information management, statistical computing, geographic information systems, mathematics, and research projects among other course

units helped to unravel difficult mental blocks I had encountered previously.

My greatest joy from this course was that, as my understanding of statistical concepts grew, I was able to complete my other unfinished masters' degree single handedly, including data analysis that had seemed insurmountable. I therefore graduated with two masters degrees in the same year!

Upon graduation, the first beneficiaries of this course were my boss and his deputy who were struggling to complete their master's degree research. I helped them redesign their project proposals and showed them how to simplify their work by developing a plan for data analysis. It is perhaps no wonder that when the deputy's term of service ended, my boss nominated me to become his deputy, a position I hold to date. Prior to enrolling for the MSc in Research Methods, I taught Agriculture and Biology.

However, after the MSc training I started teaching Statistical Methods and Research Methods as well. I requested for further training in online facilitation and today I head

the e-learning section in my institution. Some research supervisors from universities have discovered my abilities and continually refer their students to me for guidance in proposal designing, data and information management and data analysis in addition to giving me part time jobs at their institutions. I have written two guides; one in Research Methods and the other in Statistical Methods (awaiting publication).

Today, when I go to libraries and come across theses and project reports, my first stop is the methodology chapter and the objectives. I regret to say that there are so many recommendations out there based on wrong data analysis. When I think about which of the recommendations we are implementing were generated from wrong analysis, I shudder in fear.

The training has helped me make new connections in the research community. Today, I can read complex scientific journals, understand statistical jokes, engage statisticians in logical discussions and hold an argument from a point of knowledge. I am a member of the International Biometric Society and many online research methods groups

where I answer questions about research methodology. I have also created online research methods groups to assist scholars. PhD students flood my inbox for help with data analysis because I am proficient with many statistical packages including GenStat, R, SPSS, and InStat.

PHD STUDENTS

flood my inbox for help with data analysis

Recently, a student shed tears in my office after I gave her tutorials and supervised her data analysis. When it was over, she offered me some money which I declined to take. In tears, she explained how a statistician had asked for 500 US dollars for what I had done for free! To me, helping her was a way of giving back to society. What I was given freely by RUFORUM I will give back freely, at least for now.

Aside from the technical knowledge, the greatest discovery I made through the MSc course was that, collapsing the artificial “African walls” gave us power to interact with each other. It is my commitment to continue

shrinking these walls even further. My Vilakazi photo, above, is a symbol of this commitment. Partnerships that help to strengthen TVET institutions will further make this dream a greater reality for the several young people seeking opportunities to meaningfully engage in agriculture across Africa.

Long live RUFORUM and my facilitators: Prof. Kihoro, Dr. Ateka, Dr. Mary Mugo, Dr. Mamati, Prof. Obanda (all from JKUAT) Dr Oeba (KEFRI), Dr. Margaret Mangheni (Makerere University), Ric Coe (ICRAF), Jane Poole (ILRI), Rodger (University of Reading, UK), Kurji and Mrs. McDonald (University of Nairobi), Jayne and Cheka (Zimbabwe). I pay special tribute to Prof. Adipala (RUFORUM) who even visited us in person to encourage us!

The Master of Science in Research Methods course at Jomo Kenyatta University of Agriculture is a tailor-made regional programme developed through the support of the Regional Universities Forum for Capacity Building in Agriculture (RUFORUM). The programme opened its doors to the first students in 2009.

Linking Universities to Communities



Strengthening Food and Nutrition Security:

Producing groundnut and cowpea drought-resistant varieties that have helped Farmers bridge the hunger season between planting and harvesting in Eastern Uganda



School Gardening Mitigates Short-term Hunger:

Established school gardens by pupils in Kamuli District contributed to food supply and enhanced pupils attendance and retention in school



Increasing Access for Cassava Productivity and Market:

Supported farmer groups to process fresh cassava roots into High Quality Cassava Flour (HQCF) and access markets in Bukedea and Serere Districts



Farmer Driven Technologies (SURFACE):

Over 2000 farmers reached in Apac, Kole, Lira and Budekea through the use of highly interactive mobile phone applications

Strengthening University-TVET linkages to skill Africa's Youth



1040

TVET Students
Trained



1472

Out of School
Youth Trained



275

TVET Instructors
Trained

Towards Vision 2030 Nurturing the Next Generation



Promoting the next generation of technology leaders and entrepreneurs

80 Young African Innovators recognized and mentored since 2016

Strengthen University Entrepreneurship Education: Incubating Young Agro-Entrepreneurs in Africa



Human Capital Development for the Continent

RUFORUM graduates resourcing universities and research institutions

RUFORUM Alumni - Continental Impact



Addressing Africa's Challenges through National Priorities



Strengthening Universities capacity to provide quality post graduate education



Skilling Graduates with relevant expertise for the Job market



Empowering Universities to conduct applied research of high quality, relevant to development challenges



Enhance partnerships with other academic institutions



Linking Universities to Industry and Private sector institutions



Enhancing Youth Skill Development and Entrepreneurship

Statement of Achievement

To date all our graduates are employed in different sectors and are contributing to national and regional development. Majority of RUFORUM graduates are championing R4D at universities, national agriculture research institutions, and CGIARs in various positions. Some are actively involved in policy-making and in commercial sector. Others are working as frontline actors with NGOs and other community based organizations, including the Millennium villages in Kenya and Uganda.

Regional programmes have been strengthened and some of the universities are now in position to move beyond MSc to PhD training programmes, while some are able to engage in internationally competitive cutting edge research. RUFORUM has ensured continued visible engagement of universities in development processes and practices so that institutional and human capital is not lost.



Alumni live and work in their country of origin



Female Presentation



Alumni found employment within 6 months of completion



Alumni are on permanent or long-term contracts



Alumni that produced at least one paper in a referenced journal



Alumni are in a position of influence at regional, national or local government levels



Alumni that are satisfied with current employment



2173

MSc Graduates Trained



716

PhD Students Trained



229

Undergraduates Trained



300+

Technologies Developed under RUFORUM Research



1.78M

Farmers Reached



449

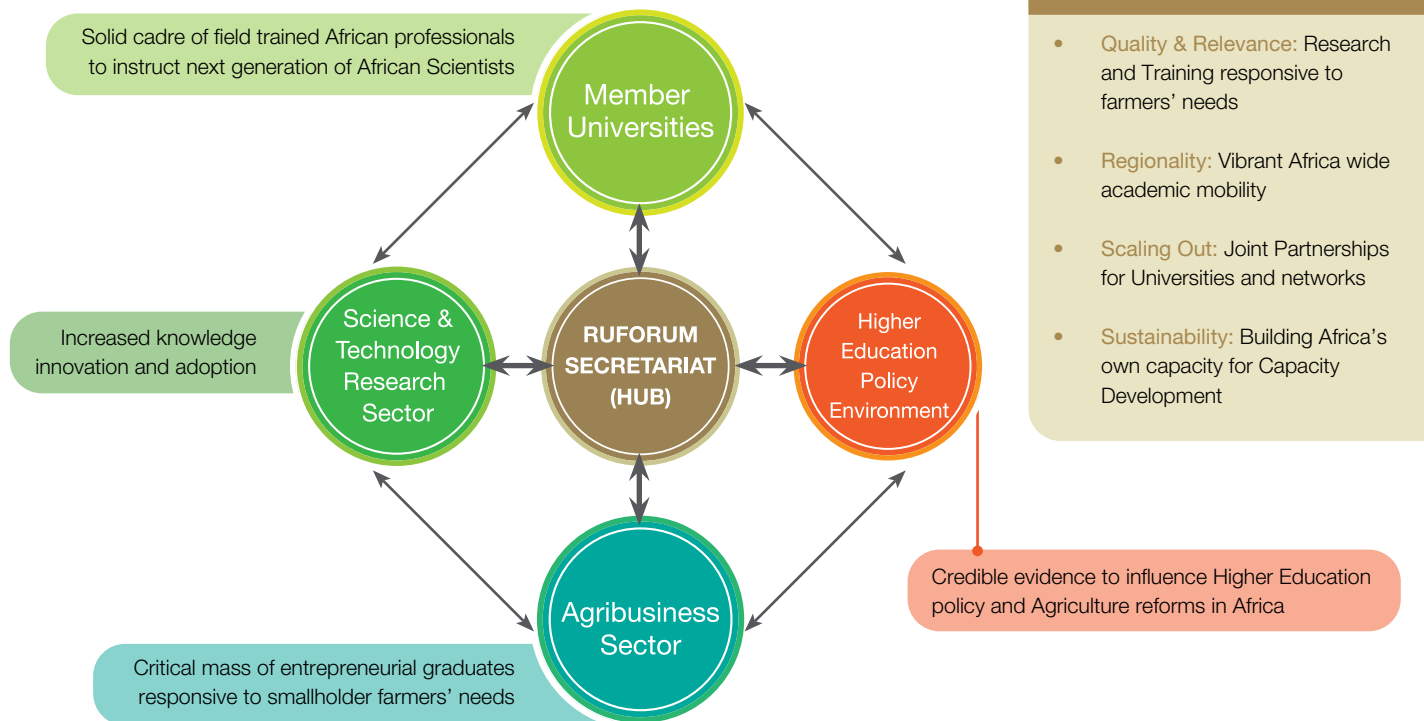
Research Grants



US\$310.3M

Mobilized by RUFORUM on behalf of Member Universities

RUFORUM Development Framework



Our Thrusts

Looking ahead - Four initiatives for strengthening higher education and ST&I in Africa

Components:

- Developing entrepreneurship and innovation skills and technology
- Support training, demand-driven research, staff exchanges
- Regional Anchor Universities championing transformation

SASTIE:

Strengthening Africa's Innovation and Entrepreneurship Capacity

BASTIC:

Building Africa's Science, Technology and Innovation Capacity For Economic Growth

Build Capacity in:

- Sustainable innovative technologies
- Engineering and renewable energy
Ag. markets, trade & policy
- Data management & ICT
- Science education

Outcomes:

- Create a critical mass of staff for African Universities
- Increased pool of women scientists in Africa
- Strengthened University - Industry relations
- Enhanced research and development support

RISSCAW:

Regional Initiative to Strengthen Staff Capacity and Increase the Pool of Women Scientists in African Universities

AfriDAP:

African Digital Agricultural Programme: Digital technologies for agricultural transformation

Pillars:

- Data Science development
- Digital learning and sharing technologies
- Digital agricultural innovation and incubation

Funding

Our work has been funded by National Governments and:



Ministry for Primary Industries
Manatū Ahu Matua



International Development Research Centre
Centre de recherches pour le développement international



RUFORUM Member Universities

Region	Country	No.	University	City/ Town Location	Year of Joining RUFORUM	Year of Establishment	Membership Status	Category
Central	Burundi	1	University of Burundi	Bujumbura	2009	1964	Full Member	Public
	DRC	2	Université Catholique De Bukavu	Bukavu	2009	1989	Full Member	Private
	DRC	3	Universite Catholique Du Graben De Butembo	Butembo	2021	1989	Full Member	Public
	DRC	4	Université de l'Uélé	Isiro	2021	1998	Full Member	Public
	DRC	5	Universite De Kinshasa	Kinshasa	2021	1954	Full Member	Public
	DRC	6	Universite' de Kisangani	Kisangani	2019	1963	Full Member	Public
	DRC	7	Universite Espoir du Congo	Kivu	2021	2010	Full Member	Public
	DRC	8	Université Evangelique en Afrique	Bukavu	2014	1991	Full Member	Private
	DRC	9	University of Lubumbashi	Lubumbashi	2021	1955	Full Member	Public
	DRC	10	Universite' Officielle de Bukavu	Bukavu	2019	2010	Full Member	Public
	Cameroon	11	L'Universite De Bamenda	Bambili	2019	2011	Full Member	Public
	Cameroon	12	University of Beua	Buea	2017	1993	Full Member	Public
	Cameroon	13	Universite de Dschang	Dschang	2018	1993	Full Member	Public
	Cameroon	14	Université De Maroua	Maroua	2022	2008	Full Member	Public
	Cameroon	15	Universite of Ngaoundere	Ngaoundere	2018	1993	Full Member	Public
	Chad	16	Université de N'Djamena	N'Djamena	2017	1971	Full Member	Public
	Congo Brazzaville	17	Universtite Marien Ngouabi	Brazzaville	2017	1971	Full Member	Public

Region	Country	No.	University	City/ Town Location	Year of Joining RUFORUM	Year of Establishment	Membership Status	Category
Central	Gabon	18	Masuku University of Science and Technology	Franceville	2017	1986	Full Member	Public
Eastern	Ethiopia	19	Aksum University	Axum	2019	2007	Full Member	Public
	Ethiopia	20	Bahir Dar University	Bahir Dar	2018	2001	Full Member	Public
	Ethiopia	21	Haramaya University	Alemaya	2009	1954	Full Member	Public
	Ethiopia	22	Jimma University	Jimma	2015	1999	Full Member	Public
	Ethiopia	23	Mekelle University	Mekelle	2009	1991	Full Member	Public
	Ethiopia	24	Wollo University	Dessie	2020	2005	Full Member	Public
	Kenya	25	Chuka University	Tharaka Nihi County	2018	2004	Full Member	Public
	Kenya	26	Egerton University	Nakuru	2004	1987	Full Member	Public
	Kenya	27	Jaramongi Odinga Odinga University of Science and Technology	Bondo	2018	2013	Full Member	Public
	Kenya	28	Jomo Kenyatta University of Agriculture & Technology	Nairobi	2004	1981	Full Member	Public
	Kenya	29	Karatina University	Karatina	2017	2013	Full Member	Public
	Kenya	30	Kenyatta University	Nairobi	2004	1985	Full Member	Public
	Kenya	31	Maseno University	Maseno	2019	1991	Full Member	Public
	Kenya	32	Masinde Muliro University of Science & Technology	Kakamega	2015	1977	Full Member	Public
	Kenya	33	Moi University	Eldoret	2004	1984	Full Member	Public
	Kenya	34	Pwani University	Kilifi	2018	2013	Full Member	Public

Region	Country	No.	University	City/ Town Location	Year of Joining RUFORUM	Year of Establishment	Membership Status	Category
Eastern	Kenya	35	South Eastern Kenya University	Kitui	2017	2013	Full Member	Public
	Kenya	36	University of Eldoret	Eldoret	2013	1946	Full Member	Public
	Kenya	37	University of Nairobi	Nairobi	2004	1970	Full Member	Public
	Rwanda	38	University of Kibungo	Ngoma	2016	2003	Full Member	Private
	Rwanda	39	University of Rwanda	Kigali	2009	1963	Full Member	Public
	Somalia	40	City University of Mogadishu	Mogadishu	2021	2012	Full Member	Private
	Somalia	41	Nugaal University	Las Anod	2020	2004	Associate Member	Public
	Somalia	42	Somalia National University	Mogadishu	2019	1954	Full Member	Public
	South Sudan	43	John Garang University	Bor, Jonglei State	2014	2006	Full Member	Public
	South Sudan	44	University of Juba	Juba	2010	1977	Full Member	Public
	South Sudan	45	Upper Nile University	Malakal	2022	1991	Full Member	Public
	Sudan	46	International University of Africa	Khartoum	2022	1966	Full Member	Private
	Sudan	47	Peace University	West Kordofan	2015	2008	Full Member	Private
	Sudan	48	Sudan University of Science and Technology	Khartoum	2022	1902	Full Member	Public
	Sudan	49	University of Dongola	Dongola	2018	1991	Full Member	Public
	Sudan	50	University of Gadarif	Al Qadarif	2018	1990	Full Member	Public
	Sudan	51	University of Gezira	Wad Medani	2009	1975	Full Member	Public

Region	Country	No.	University	City/ Town Location	Year of Joining RUFORUM	Year of Establishment	Membership Status	Category
Eastern	Sudan	52	University of Khartoum	Khartoum	2015	1902	Full Member	Public
	Sudan	53	University of Kordofan	Al Ubayjid	2009	1990	Full Member	Public
	Sudan	54	West Kordufan University	Al-Fulah	2020	1990	Full Member	Public
	Tanzania	55	Nelson Mandela Africa Insitutue of Science and Technology	Arusha	2014	2012	Full Member	Public
	Tanzania	56	Sokoine University of Agriculture and Technology	Morogoro	2006	1984	Full Member	Public
	Tanzania	57	University of Dar-es-Salaam	Dar-es-Salaam	2020	1961	Full Member	Public
	Uganda	58	Bishop Stuart University	Mbarara	2016	2002	Full Member	Private
	Uganda	59	Bugema University	Kampala	2018	1948	Full Member	Private
	Uganda	60	Busitema University	Tororo	2014	2007	Full Member	Public
	Uganda	61	Gulu University	Gulu	2009	2002	Full Member	Public
	Uganda	62	Islamic University in Uganda (IUIU)	Mbale	2021	1988	Full Member	Private
	Uganda	63	Kabale University	Mbale	2018	2001	Full Member	Private
	Uganda	64	Kyambogo University	Kampala	2009	2003	Full Member	Public
	Uganda	65	Makerere University	Kampala	2004	1922	Full Member	Public
	Uganda	66	Mbarara University of Science and Technology	Mbarara	2015	1989	Full Member	Public
	Uganda	67	Muni University	Arua	2016	2012	Full Member	Public

Region	Country	No.	University	City/ Town Location	Year of Joining RUFORUM	Year of Establishment	Membership Status	Category
Eastern	Uganda	68	Ndejje University	Luwero	2014	1992	Full Member	Private
	Uganda	69	Nkumba University	Entebbe	2019	1994	Full Member	Private
	Uganda	70	Soroti University	Soroti	2018	2013	Full Member	Public
	Uganda	71	Uganda Christian University	Mukono	2014	1997	Full Member	Private
	Uganda	72	Uganda Martyrs University	Nkozi	2009	1993	Full Member	Private
	Uganda	73	Uganda Technology and Mangement University	Kampala	2015	2012	Full Member	Private
	Egypt	74	Ain Shams University	Cairo	2021	1950	Full Member	Public
	Egypt	75	Cairo University	Cairo	2016	1908	Full Member	Public
	Morocco	76	Mohammed VI Polytechnic University (UM6P)	Benguerir	2017	2013	Full Member	Public
	Morocco	77	Institut agronomique et vétérinaire Hassan II	Casablanca	2017	1975	Full Member	Public
Southern	Tunisia	78	Virtual Universite of Tunisia	Tunis	2018	2002	Full Member	Public
	Angola	79	University José Eduardo dos Santos	Huambo	2018	2009	Full Member	Public
	Angola	80	Agostinho Neto University	Luanda	2022	1976	Full Member	Public
	Botswana	81	Botswana University of Agriculture and Natural Resources (BUANR)	Gaborone	2009	1991	Full Member	Public
	Botswana	82	Botswana International University of Science and Technology	Palapye	2022	2005	Full Member	Public
	Eswatini	83	University of Eswatini	Luyengo	2009	1964	Full Member	Public
	Lesotho	84	National University of Lesotho	Roma	2009	1945	Full Member	Public

Region	Country	No.	University	City/ Town Location	Year of Joining RUFORUM	Year of Establishment	Membership Status	Category
Southern	Madagascar	85	University of Antananarivo	Antananarivo	2014	1955	Full Member	Public
	Malawi	86	African Bible College	Lilongwe	2021	1976	Full Member	Private
	Malawi	87	Catholic University of Malawi	Limbe	2021	2004	Full Member	Private
	Malawi	88	Kamuzu University of Health Sciences	Blantyre	2021	1991	Full Member	Public
	Malawi	89	Lilongwe University of Agriculture and Natural Resources (LUANAR)	Lilongwe-Bunda	2012	2012	Full Member	Public
	Malawi	90	Malawi Adventist University	Ntcheu	2021	1969	Full Member	Private
	Malawi	91	Malawi Assemblies of God University	Lilongwe	2021	2013	Full Member	Private
	Malawi	92	Malawi University of Business and Applied Sciences	Blantyre	2021	1965	Full Member	Public
	Malawi	93	Malawi University of Science and Technology	Thyolo, Malawi	2015	2012	Full Member	Public
	Malawi	94	Mzuzu University	Luwinga, Mzuzu	2010	1997	Full Member	Public
	Malawi	95	Nkhoma University	Nkhoma, Lilongwe	2017	2016	Full Member	Private
	Malawi	96	University of Livingstonia	Mzuzu	2021	2003	Full Member	Private
	Malawi	97	UNICAF University	Malawi	2021	2012	Full Member	Private
	Malawi	98	University of Malawi	Zomba	2016	1966	Full Member	Public
	Mauritius	99	University of Mauritius	Reduit, Moka	2016	1965	Full Member	Public
	Mozambique	100	Eduardo Mondlane University	Maputo	2004	1962	Full Member	Public
	Mozambique	101	Licungo University	Quelimane	2022	2022	Full Member	Public

Region	Country	No.	University	City/ Town Location	Year of Joining RUFORUM	Year of Establishment	Membership Status	Category
Southern	Mozambique	102	Universidade Púnguè	Manica	2022	2022	Full Member	Public
	Mozambique	103	Universidade Zambeze	Beira	2018	2007	Full Member	Public
	Namibia	104	International University of Management	Windhoek	2021	2002	Full Member	Private
	Namibia	105	University of Namibia	Windhoek	2010	1992	Full Member	Public
	South Africa	106	Stellenbosch University	Stellenbosch	2013	1866	Full Member	Public
	South Africa	107	University of Fort Hare	Alice	2015	1997	Full Member	Public
	South Africa	108	University of Free State	Bloemfontein	2014	1904	Full Member	Public
	South Africa	109	University of Kwazulu Natal	Durban	2021	2004	Full Member	Public
	South Africa	110	University of Limpopo	Limpopo	2016	2005	Full Member	Public
	South Africa	111	University of Mpumalanga	Mbombela	2019	2014	Full Member	Public
	South Africa	112	University of Pretoria	Pretoria	2014	1908	Full Member	Public
	South Africa	113	University of South Africa (UNISA)	Pretoria	2016	1873	Full Member	Public
	South Africa	114	University of Venda	Thohoyandou	2014	1982	Full Member	Public
	South Africa	115	University of Western Cape	Cape Town	2018	1959	Full Member	Public
	Zambia	116	Copperbelt University	Kitwe	2014	1987	Full Member	Public
	Zambia	117	Kapasa Makasa University	Kapasa Makasa	2021	1987	Full Member	Public
	Zambia	118	Mulungushi University	Kabwe	2019	2008	Full Member	Public

Region	Country	No.	University	City/ Town Location	Year of Joining RUFORUM	Year of Establishment	Membership Status	Category
Southern	Zambia	119	University of Zambia	Lusaka	2006	1966	Full Member	Public
	Zimbabwe	120	Africa University	Mutare	2004	1988	Full Member	Private
	Zimbabwe	121	Bindura University of Science Education	Bindura	2017	1996	Full Member	Public
	Zimbabwe	122	Chinhoyi University of Technology	Chinhoyi	2018	2001	Full Member	Public
	Zimbabwe	123	Great Zimbabwe University	Masvingo	2018	1999	Full Member	Public
	Zimbabwe	124	Lupane State University	Bulawayo	2014	2005	Full Member	Public
	Zimbabwe	125	Marondera University of Agricultural Sciences and Technology	Marondera	2019	2015	Full Member	Public
	Zimbabwe	126	Midlands State University	Gweru	2019	1999	Full Member	Public
	Zimbabwe	127	University of Zimbabwe	Harare	2004	1952	Full Member	Public
West	Benin	128	Université d'Abomey Calavi	Abomey-Calavi	2014	1970	Full Member	Public
	Benin	129	Université Nationale d'Agriculture	Port-Novo	2020	2007	Full Member	Public
	Benin	130	University of Parakou	Parakou	2019	2001	Full Member	Public
	Cote d'Ivoire	131	Institut National Polytechnique	Yamoussoukro	2017	1996	Full Member	Public
	Cote d'Ivoire	132	Université Felix Houphouët-Boigny	Abijan	2017	1964	Full Member	Public
	Gambia	133	University of Gambia	Sere Kunda	2022	1999	Full Member	Public
	Ghana	134	Cape Coast Technical University	Cape Coast	2019	1986	Full Member	Public
	Ghana	135	Koforidua Technical University	Koforidua	2019	1997	Full Member	Public

Region	Country	No.	University	City/ Town Location	Year of Joining RUFORUM	Year of Establishment	Membership Status	Category
West	Ghana	136	Kwame Nkrumah University of Science and Technology	Kumasi	2019	1951	Full Member	Public
	Ghana	137	Takoradi Technical University	Sekondi-Takoradi	2020	1954	Full Member	Public
	Ghana	138	University of Cape Coast	Cape Coast	2014	1962	Full Member	Public
	Ghana	139	University of Development Studies	Tamale	2018	1992	Full Member	Public
	Ghana	140	University of Education Winneba	Winneba	2019	1992	Full Member	Public
	Ghana	141	University of Ghana Legon	Accra	2018	1948	Full Member	Public
	Liberia	142	University of Liberia	Monrovia	2017	1862	Full Member	Public
	Mali	143	Institut Polytechnique Rural de Formation et de Recherche Appliquée (IPR/IFRA)	Mali	2016	1897	Full Member	Public
	Mauritania	144	Nouakchott University	Nouakchott	2022	1981	Full Member	Public
	Nigeria	145	Bayero University of Kano	Kano	2017	1962	Full Member	Public
	Nigeria	146	Federal University of Agriculture Abeokuta	Abeokuta, Ogun State	2019	1988	Full Member	Public
	Nigeria	147	Federal University Dutsin-ma	Katsina	2019	2011	Full Member	Public
	Nigeria	148	Federal University of Technology, Akure	Ondo State	2020	1981	Full Member	Public
	Nigeria	149	Federal University of Technology Minna	Minna	2018	1983	Full Member	Public
	Nigeria	150	Federal University of Technology Owerri	Owerri	2016	1980	Full Member	Public
	Nigeria	151	Nnamdi Azikiwe University	Awka	2019	1991	Full Member	Public
	Nigeria	152	University of Nigeria Nsukka	Nsukka	2018	1955	Full Member	Public

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West	Nigeria	153	University of Port Harcourt	Port Harcourt	2014	1975	Full Member	Public
	Senegal	154	Universite Cheikh Anta Diop de Dakar	Dakar	2017	1957	Full Member	Public
	Senegal	155	Université Sine Saloum El hadj Ibrahima NIASS	Dakar	2016	2013	Full Member	Public
	Sierra Leone	156	Njala University	Bo and Njala	2017	1964	Full Member	Public
	Togo	157	University of Lome	Lome	2018	1970	Full Member	Public

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