

Engaging Capacity of African Universities to Support Agricultural Development

Organizational Setup and
Partnership Opportunities



REGIONAL UNIVERSITIES FORUM FOR CAPACITY BUILDING IN
AGRICULTURE (RUFORUM)

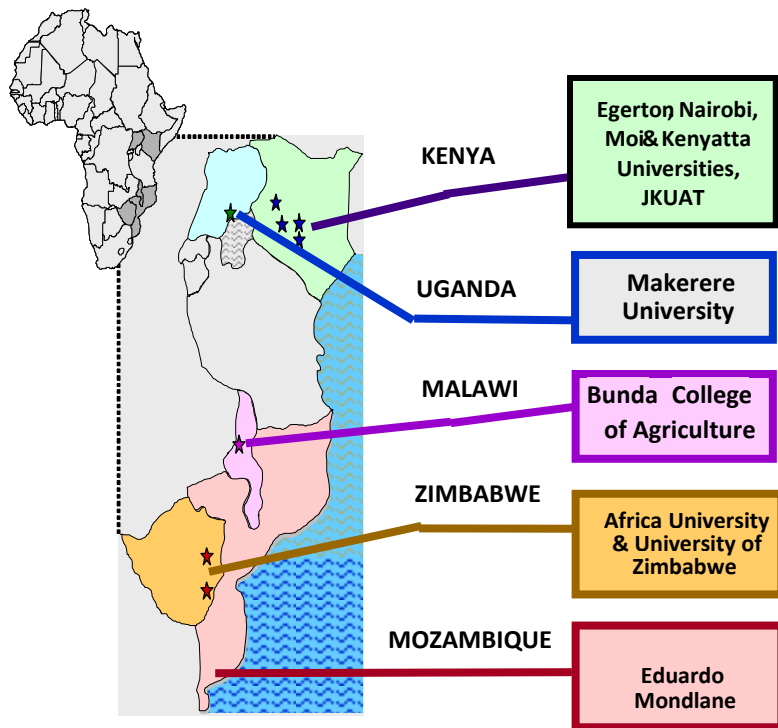
ILRI - SFFF Annual Planning Meeting: 6-8 May 2013

RUFORUM: The Humble Beginning

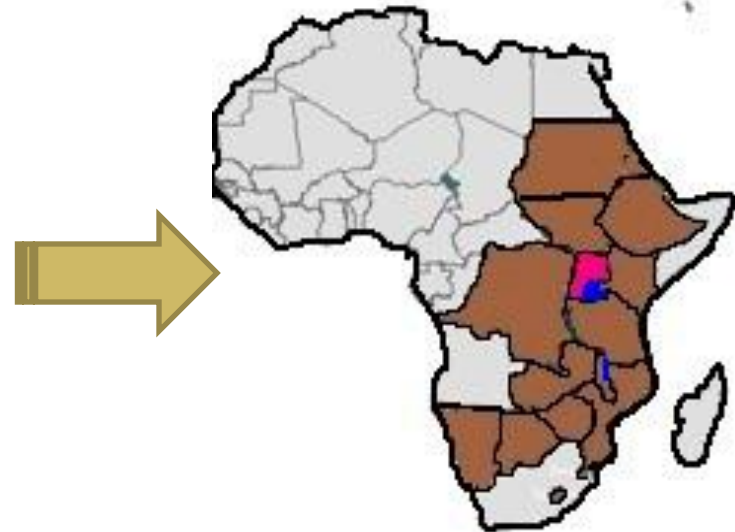
- Established in 2004; Formerly an RF funded program - (FORUM- 1992 to 2003)
- Taken over by 10 initial universities
- Demonstrable ownership by African universities
- Based on needs assessment and desire to engage universities with development processes

Phased Expansion

1992 - 2006



Present



The RUFORUM Vision

A vibrant agricultural sector linked to African universities that 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.



7 Strategic Goals

- Train a critical mass of MSc and PhD graduates who are responsive to stakeholder needs and development goals;
- Develop collaborative research and training facilities that achieve economies of scope and scale;
- Increase the participation and voice of women in research, production and marketing;
- Improve adaptive capacities of universities to produce high quality and innovative training, research, and producing high quality outreach services;
- Increase the use of technology to support effective, decentralised learning and sharing of knowledge;
- Mainstream new approaches within university teaching/research that have impact across the agricultural sector's full value chain;
- Create a dynamic regional platform for policy advocacy, coordination, and resource mobilization for advanced learning/practice.

The RUFORUM Program Design

Improved agricultural productivity and wealth creation by developing effective agricultural universities



4

provide a powerful platform for networking, advocacy and resource mobilization

3

forge and sustain national, regional and international partnerships

2

build human resource and institution capacity to support knowledge generation

1

introduce and sustain a 'business unusual' orientation in universities

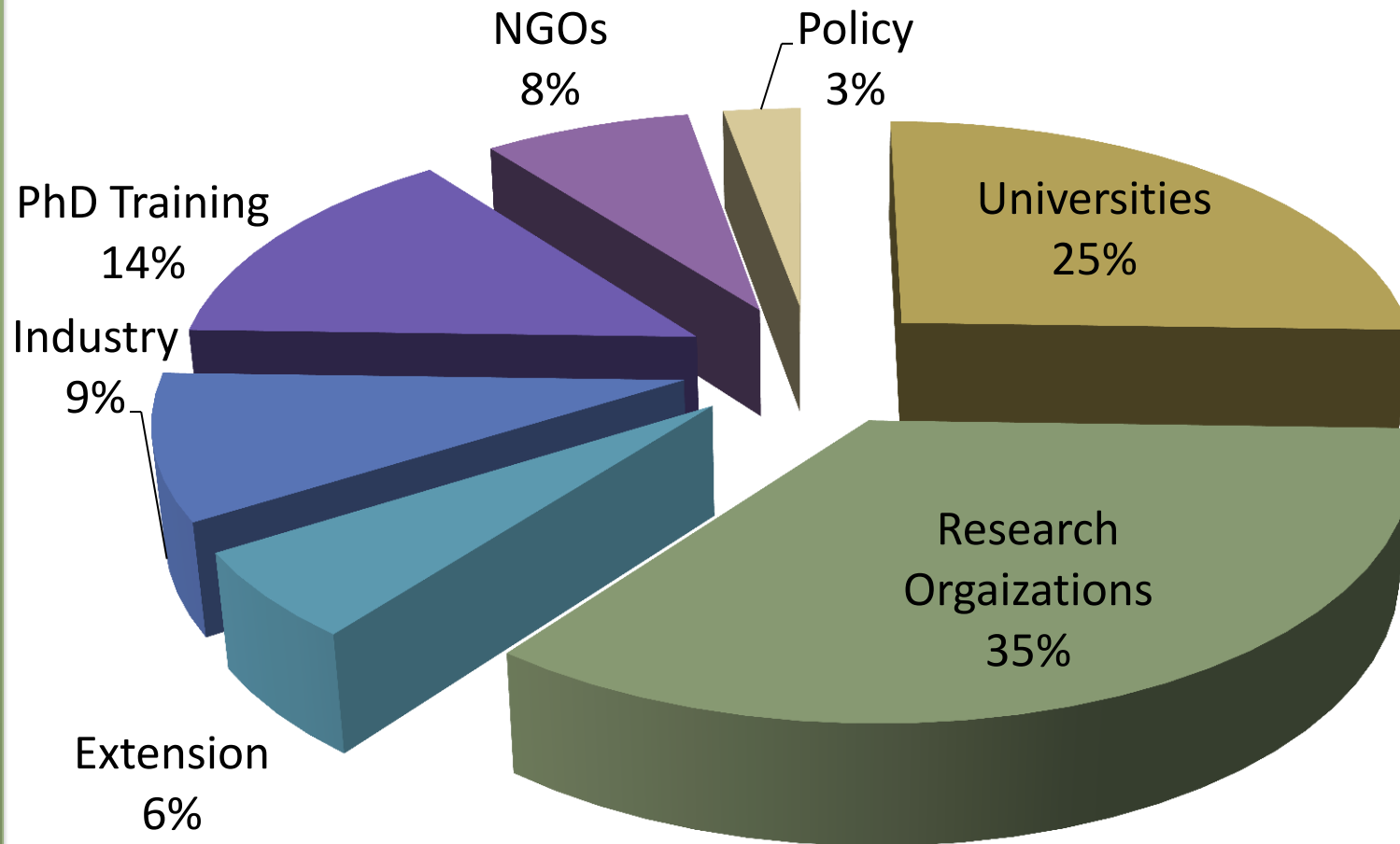
Rationale: RUFORUM Positioned to respond to a Changing Context (1)

- Sub-Saharan African Agriculture
 - Agricultural set to remain main engine for growth and poverty alleviation
 - Slow growth attributable to weak innovation systems and human resource shortfalls
 - African aspiration of *Agriculture for Development*
 - *brink of* agricultural take-off
 - Required - a strong skilled human resource to innovate

Rationale: RUFORUM Positioned to respond to a Changing Context (2)

- Higher Education in National Agricultural Innovation Systems
 - Need to improve effectiveness of agricultural technology generation and dissemination
 - Constraints in NARS - low critical mass of qualified professionals (faculty, extension personnel and scientists)
 - Situation changing - universities engaging in institutional and academic reforms
 - Increasing opportunities to play global role
 - **RUFORUM potential vehicle to extend university reach and visibility**

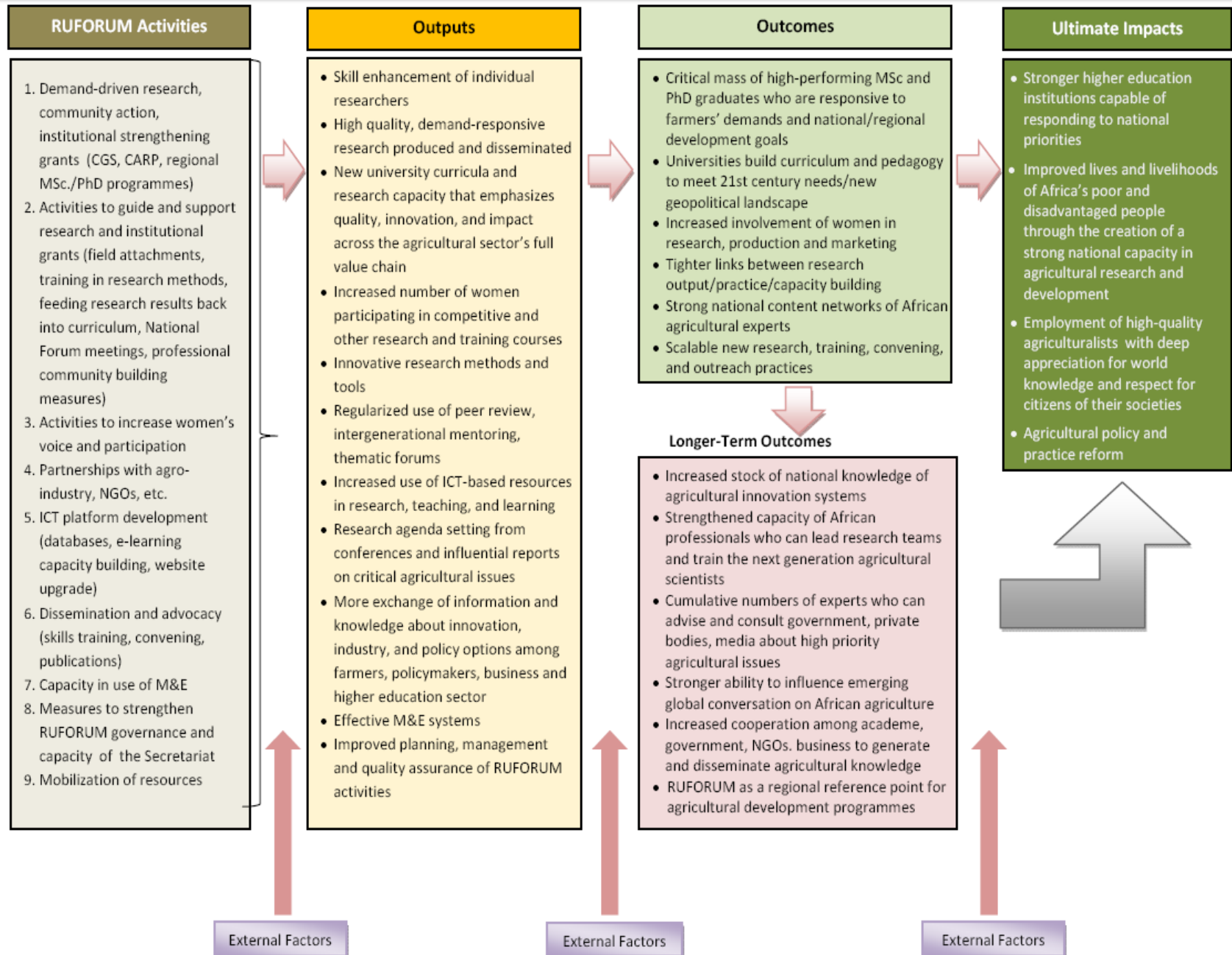
RUFORUM model – engaging universities in research to solve development problems



RUFORUM Assumes

- Development is possible through active, well-informed critical mass of locally based agricultural professionals
 - Strengthening the capacity of locally based researchers for **agricultural innovation**
 - Promoting the **retention** of this capacity
- Results of research likely to be used if propelled by a demand-driven research agenda
 - Encouraging the application/use of R&D in **policy** and **practice**

Impact Pathway



Core Areas (1)

CA1: Demand-driven research, community action & institutional strengthening grants

CA 2: Activities to guide and support research & institutional grants

CA3: Monitoring and Evaluation

CA 4: Harnessing ICT for improved Performance at the Secretariat & Universities

1.1 The RUFORUM Competitive Grants Scheme (CGS)
1.2 Institutional Grants for Strengthening Weak Departments and for Emerging Issues
1.3 Commissioned Community-Action Research (CARP) by University Teams of faculty and students
1.4. Regional MSc and PhD programmes

Core Areas (2)

CA1: Demand-driven research, community action & institutional strengthening grants

CA 2: Activities to guide and support research & institutional grants

CA3: Monitoring and Evaluation

CA 4: Harnessing ICT for improved Performance at the Secretariat & Universities

2.1 Field Attachments for MSc students spending additional time in the field as interns with NGOs,

NARs, or private sector organizations

2.2 Training in research methods

2.3 Promoting female participation

2.4 Quality assurance for graduate training in network universities

2.5 Building curriculum in emerging critical areas, e.g., climate change, water, etc.

2.5 Professional Community Building

2.6 Establishment and support of the operations of National Forums³

Core Areas (3)

CA1: Demand-driven research, community action & institutional strengthening grants

CA 2: Activities to guide and support research & institutional grants

CA3: Monitoring and Evaluation

CA 4: Harnessing ICT for improved Performance at the Secretariat & Universities



3.1 Maintaining M&E System
3.2 Conducting various M&E activities
3.3 Dissemination and Advocacy
3.4 Strengthening M&E Capacity

Core Areas (4)

CA1: Demand-driven research, community action & institutional strengthening grants

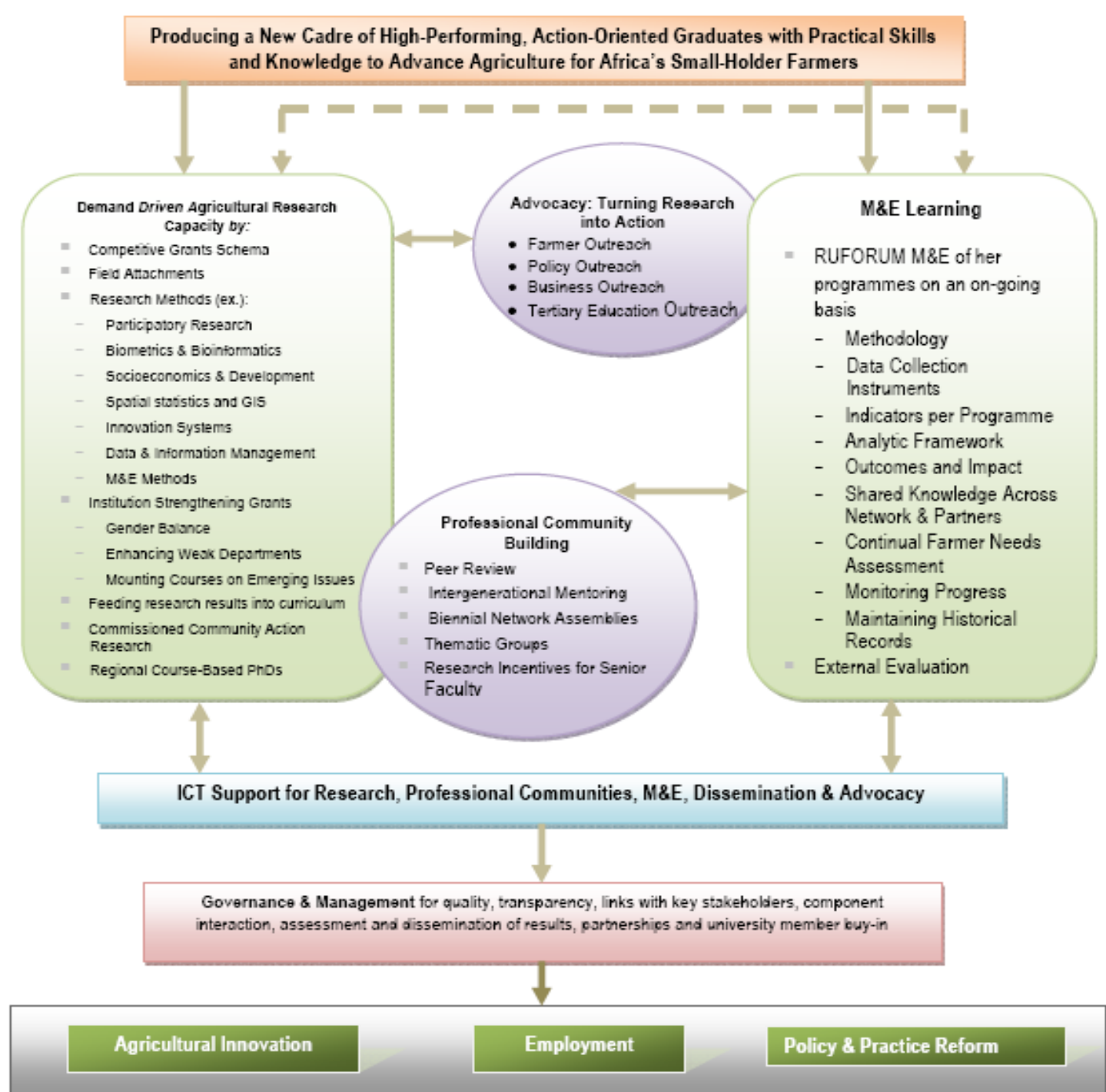
CA 2: Activities to guide and support research & institutional grants

CA3: Monitoring and Evaluation

CA 4: Harnessing ICT for improved Performance at the Secretariat & Universities

4.1 Implement technology-mediated learning, teaching, and research
4.2 Develop RUFORUM network's capacity to create and use open educational resources
4.3 Improve the dissemination of African agricultural research information
4.4 Build Secretariat capacity to manage the information needs of RUFORUM

RUFORUM Conceptual Framework



Emerging Results & Learning Points



Lessons learnt for improvement of training and research in Universities to be more relevant to development



Framework and strategy for incubation, outreach and up-scaling of innovations derived both from University and from development actors

Framework and strategy for scaling-up and sustaining partnerships between universities and the development actors

Improving University Programming

R&T Facilitation, Partnerships, technology sourcing and Stakeholder Engagement:



Feeding back to **teaching, research and Outreach programmes**
For improvement



Opportunities for Collaboration

ILRI/SFFF --- 1

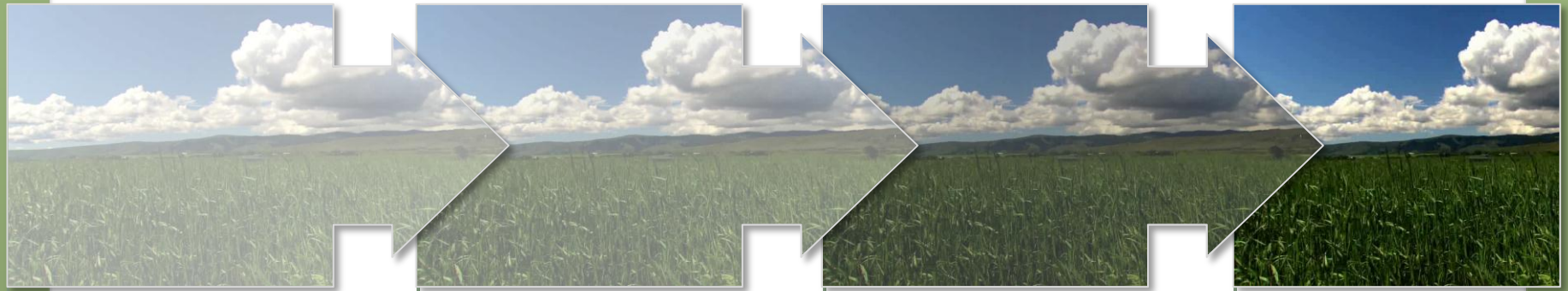
- Student/Staff Training Fellowships and Attachment
- Platform for networking through RUFORUM Community of Practice:
 - National Forums
 - Biennial Conference
 - Deans Committee
 - Postgraduate Students
 - VCs
- Synergy/Learning in Project/Programme Implementation

Opportunities for Collaboration

ILRI/SFFF --- 2

- Exploring New Grounds:
 - a veterinary epidemiologist and food safety
 - Animal Disease Risk Assessment and Zoonoses Surveillance/training
 - Bioinformatics and Biosafety
 - ICT – driven research, collaboration and training
- Advocacy
- International Conferences
- New Regional PhD in Food Science and nutrition
 - Strengthening Food Safety & Livestock value chain Component

Fostering Value Adding Partnerships



○ Student
Training/Fellowsh
ips/Award

○ New grounds ??

○ Organizational/
Project Learning
– Lesson Sharing

○ Sharing Human
Resources

● Collaborative
research

● Regional/
National
Mandate

● Short Courses &
Skills
Enhancement

● Training facilities