

# TAGDev 2.0

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



In Partnership With



## PROGRAM OVERVIEW



Africa has one of the world's youngest populations with nearly 70% of its 1.2 billion people being less than 30 years old. Africa's youth constitute about 37% of the total work force, and account for 60% of the unemployed. As a result, all development strategies, from continental to national, focus on reducing youth unemployment. Young women and men, persons with disabilities (PWDs) and refugees and displaced persons (RDPs) are the vast majority of the unemployed.

Agriculture is two to four times more effective in moving millions out of poverty especially in developing economies, most of which are in Sub-Saharan Africa (SSA). The agriculture sector has accordingly been prioritised as a key investment sector to address the United Nations Sustainable Development Goals (SDGs) and national to continental development blueprints including Africa Union's Agenda 2063.

The Mastercard Foundation's Young Africa Works Strategy, a major actor addressing youth unemployment in Africa, aims to enable 30 million young people, particularly young women, to find dignified and fulfilling work. Since 2016, RUFORUM and Mastercard Foundation have piloted the "Transforming African Agricultural Universities (TAGDev 101)" to use agricultural education to create work opportunities and wealth for young people through smallholder farmers and value chain actors. TAGDev 101 is an innovative education model, implemented in Kenya at Egerton University and Gulu University, early adopter universities, and connects young people to agricultural communities to underpin economic development.

As TAGDev 1 approached its 6th anniversary, the Program engaged stakeholders across Africa to envision the future program. The consultations recommended: a) the need to scale-out TAGDev within current partner and to new universities, b) intensify entrepreneurship training, and c) generate and deliver technologies and knowledge products to drive development. TAGDev 2.0 is the follow-on Program for these aspirations.

## TAGDev 2.0

TAGDev 2.0 is a collaborative between RUFORUM, Mastercard Foundation, 12 African universities and the Global Confederation of Higher Education Associations for Agricultural and Life Sciences (GCHERA). The main objective is to strengthen universities and TVET institutions to better serve communities by skilling and empowering Africa's young people and their institutions to drive inclusive, equitable and climate resilient transformation of agriculture and agrifood systems. This goal will contribute to three strategic outcomes:

- Expanded equal work opportunities for young women and men in the agricultural sector;
- Improved climate adaptive agricultural production and productivity and;
- Strengthened quality of higher agricultural education outcomes in training, research and innovation.

These outcomes address barriers that influence how agricultural education can impact the broader agriculture ecosystem growth and functions including among others; the traditional educational models at universities and TVETs that

inadequately equip young people with requisite knowledge and skills, policies, systems and practices in universities and TVETs that constrain institutional transformation, limited university and TVET capacity for entrepreneurship education and commercialization of innovations, and weak collaboration between education ecosystems actors.

## Desired Impact and Reach

The program will lead to the review of 1600 courses in 80 academic programs and the Program will reach 1,200,000 participants (1,157 - being degree (PhD, masters and bachelors); TVET (4,000) and out-of-school (30,060) trained youth; 255,000 employed in agricultural value chains; other students benefiting from revised curricula outside of TAGDEV 90,000, and 820,000 smallholder farmers, and value chain actors.

### What is transformative about TAGDev 2.0?

Agriculture is a knowledge-based economic activity that requires knowledge products and adoption by all stakeholders especially learners to grow. Under TAGDev 2.0 there will be three types of learners, i.e., (i) Educated entrepreneurs; (ii) Out-of-school and entrepreneurial youth; (iii) Empowered and resilient value chain actors especially farmers, who can access science solutions to climate proof their production. TAGDev 2.0 will support transformational agricultural and entrepreneurial education, vibrant agri-input and output market systems to produce the three categories of learners. The Program scale out agenda encompasses actions that:

**1. Scale the transformative agricultural education and development model.** This includes adaptive teaching and learning, experiential entrepreneurship, soft skills training, as well as research and innovation activities to meet community and university transformation needs and enhance relevance and work transitions of young people.

- 2. Scale job creation** through multi-partnerships focusing on post-harvest food handling and processing, value addition and agri-preneurship involving young women and men (out of school youth, TVET and, bachelor's degree graduates).
- 3. Expand the zone of influence** in Western, Central, Southern and Eastern Africa from 2 primary countries and 9 secondary (scale-out) countries under TAGDev 1, to 10 primary countries and 15 secondary countries in TAGDev 2.0. It will reach 60 universities (including those in Mastercard Foundation focus countries) compared to 26 universities under TAGDev 101.



WELCOME TO  
**HOOPS**  
& Chill



**Strategic Outcome One:**  
Expanded Work  
Opportunities



A woman with dark skin and curly hair, wearing a bright red sleeveless dress, stands in a garden. She is holding a large, dense bundle of dry straw or hay. The background is a bright orange wall with some peeling paint. To the left, there is a wooden trellis structure with green plants growing on it. The overall scene suggests a rural or agricultural setting.

**Strategic Outcome Two:**  
Improved Climate  
Adaptive Technologies



**Strategic Outcome Three:**  
Strengthened Quality  
of Higher Education



### Goal

**Africa's young people and their institutions drive inclusive, equitable and climate resilient socio-economic development in their societies**

### Outcomes

**1** Expanded work and other livelihood opportunities for young women and men

**2** Improved climate adaptive agricultural production and productivity of focus value chains in target countries

**3** Strengthened quality of higher agricultural education Outcomes (e.g training, research & innovation and partnerships) within the ecosystem

#### Outputs:



Universities, TVETs & the business sector deliver transformative & inclusive market relevant agricultural education to young women & men, as well as out-of-school youth



Young women & men run profitable enterprises & create work opportunities for themselves and others



Young women & men equitably & meaningfully engage & benefit from agriculture & create work opportunities for themselves & others.

#### Outputs:



Smallholder farmers access and utilize climate adaptive technologies, innovations & management practices (TIMPs)



Young women & men meaningfully participate in implementing climate change mitigation & adaptation agenda.



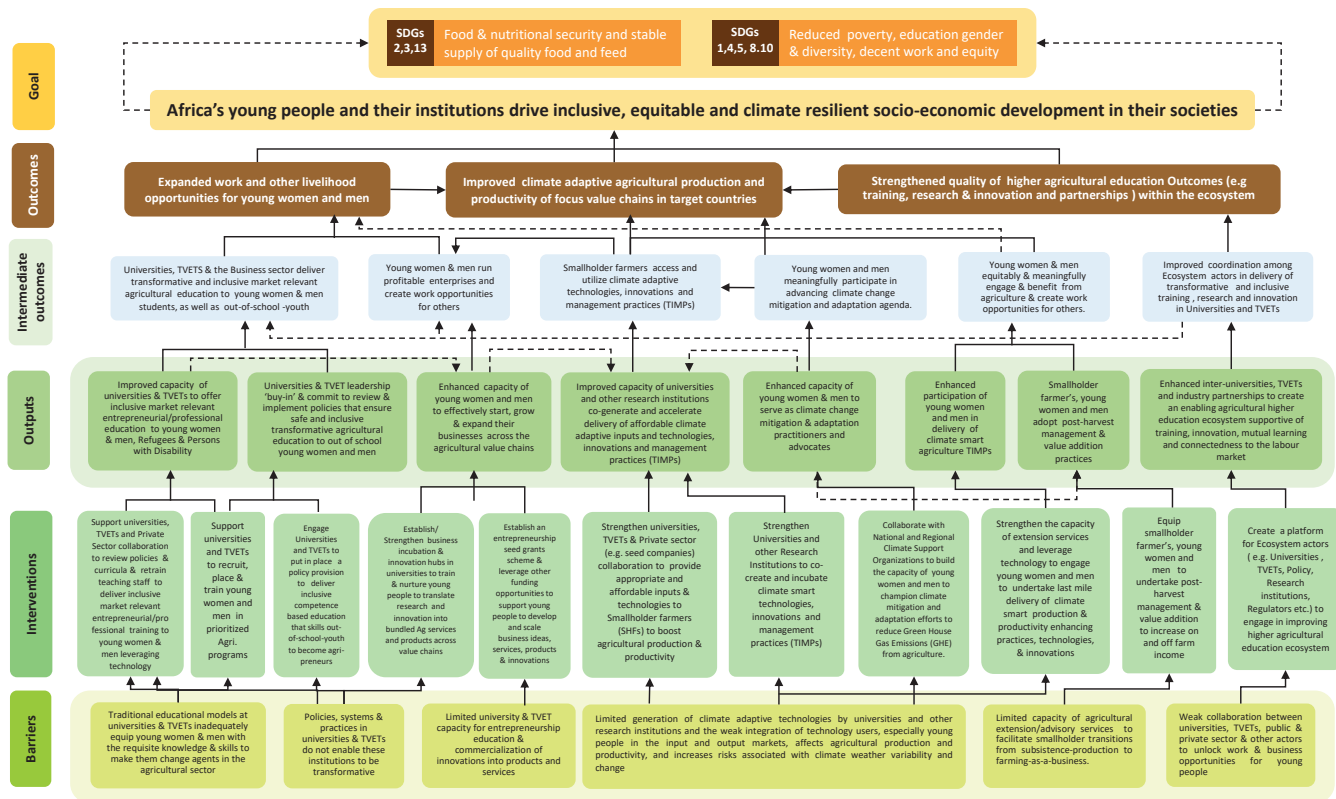
Young women & men equitably & meaningfully engage & benefit from agriculture & create work opportunities for themselves & others.

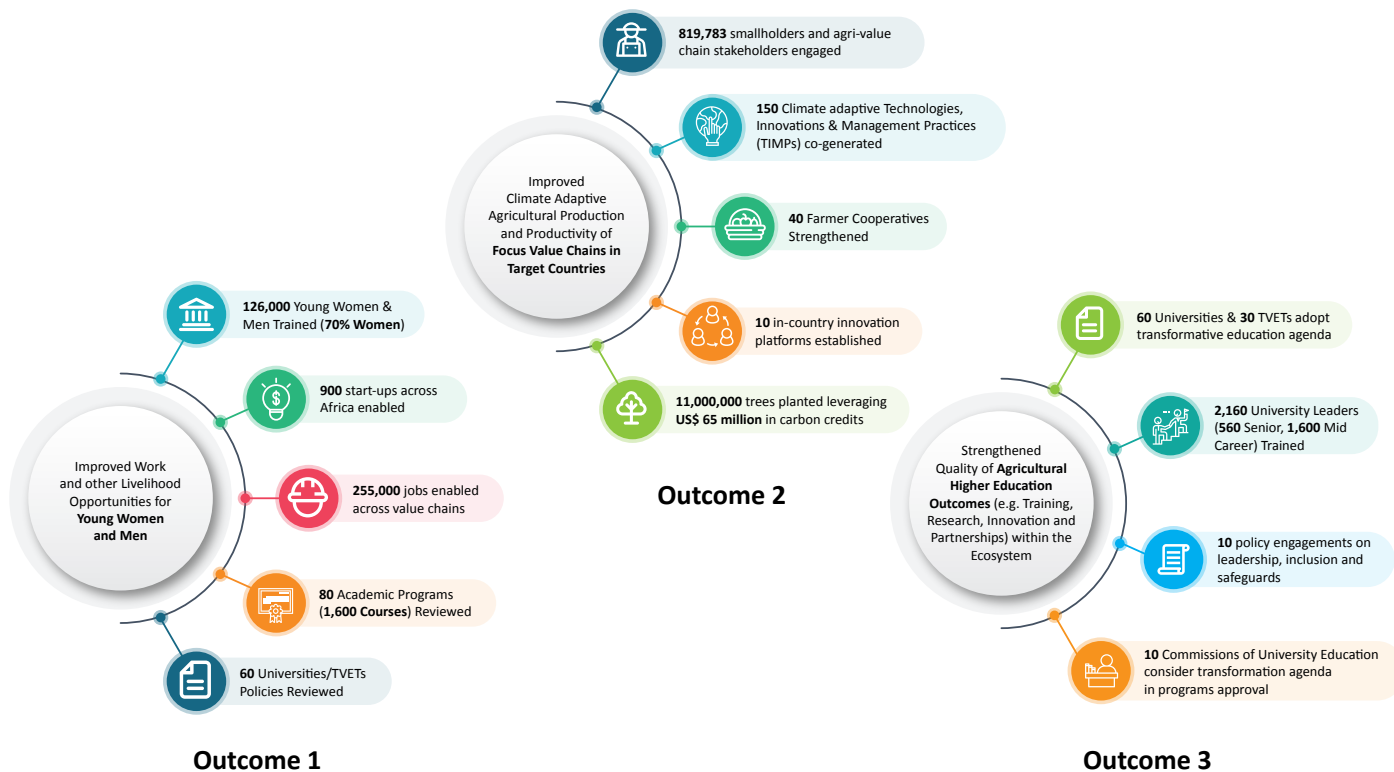
#### Outputs:

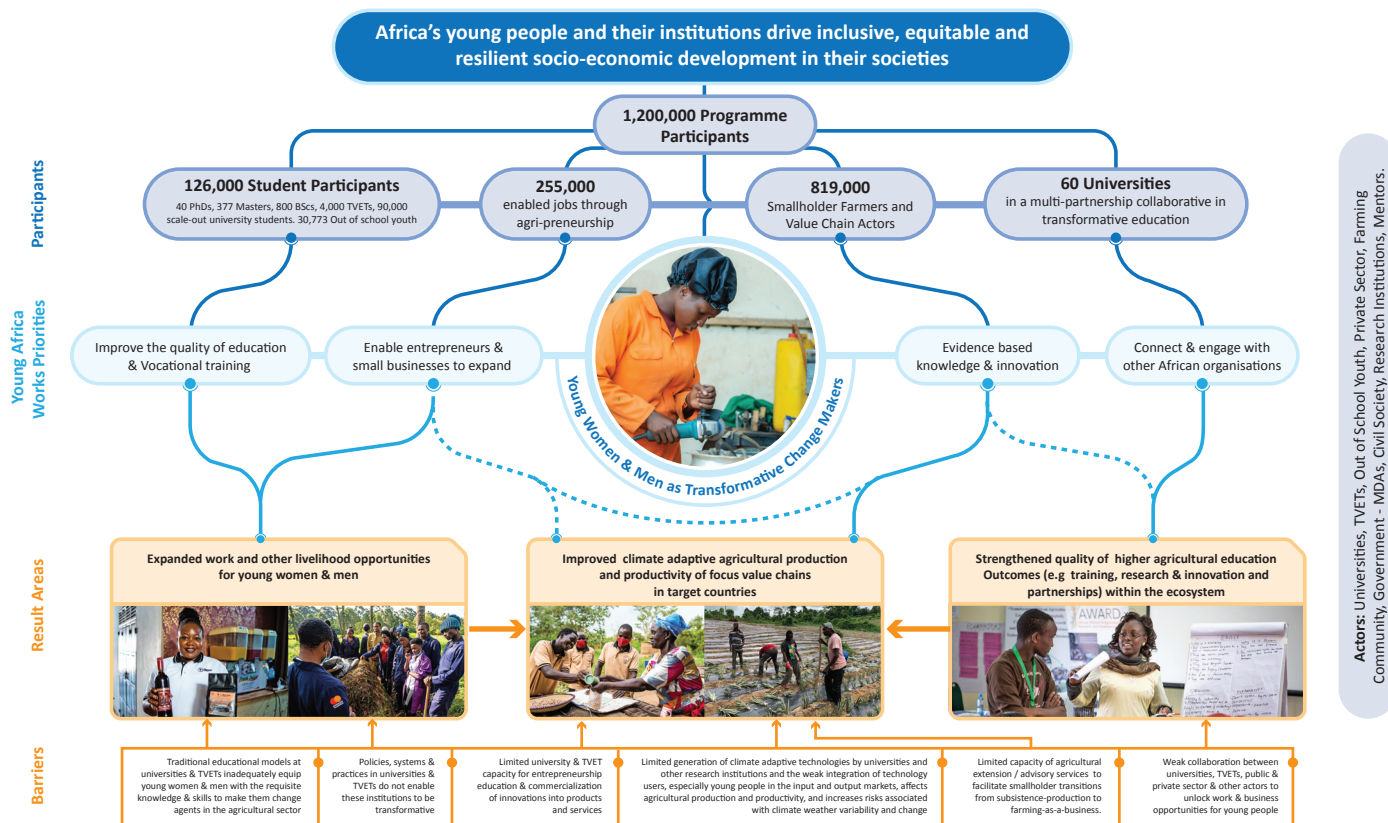


Improved coordination among ecosystem actors in delivery of transformative & inclusive training, research & innovation by universities & TVETs

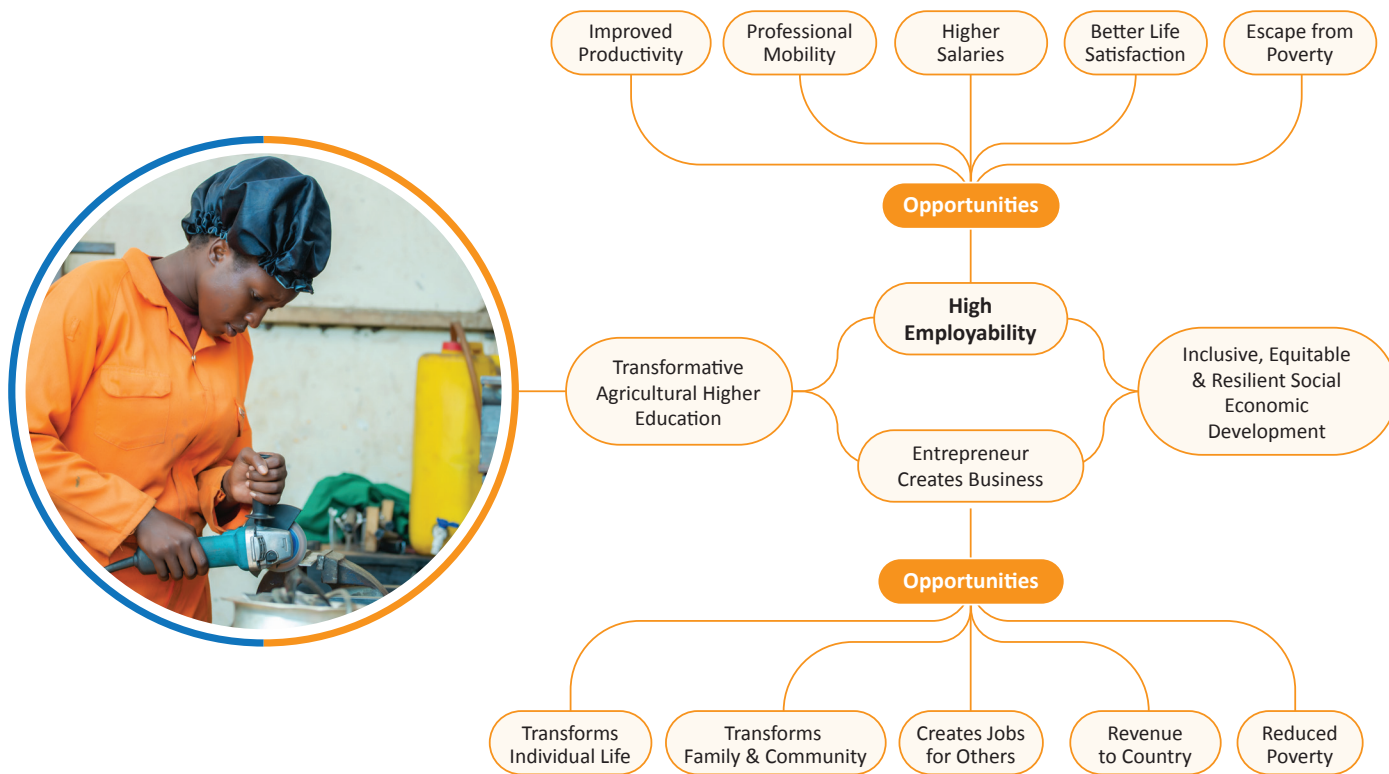




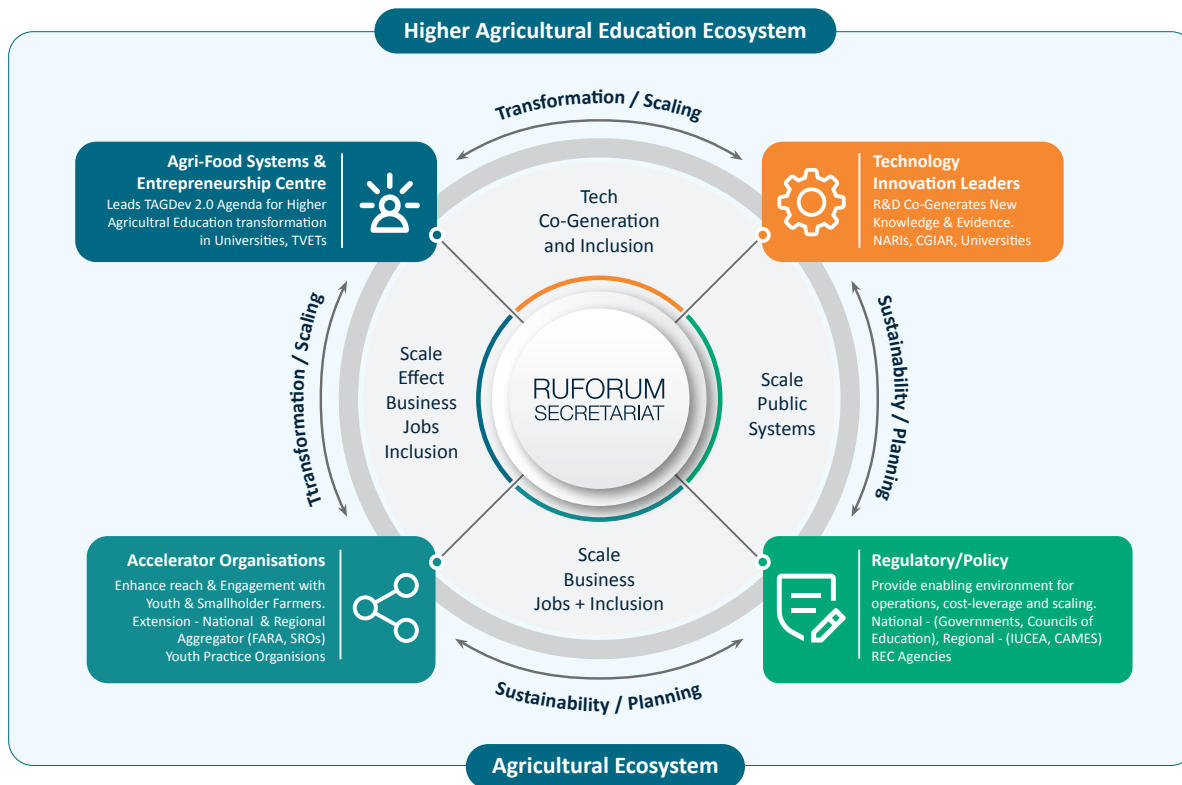




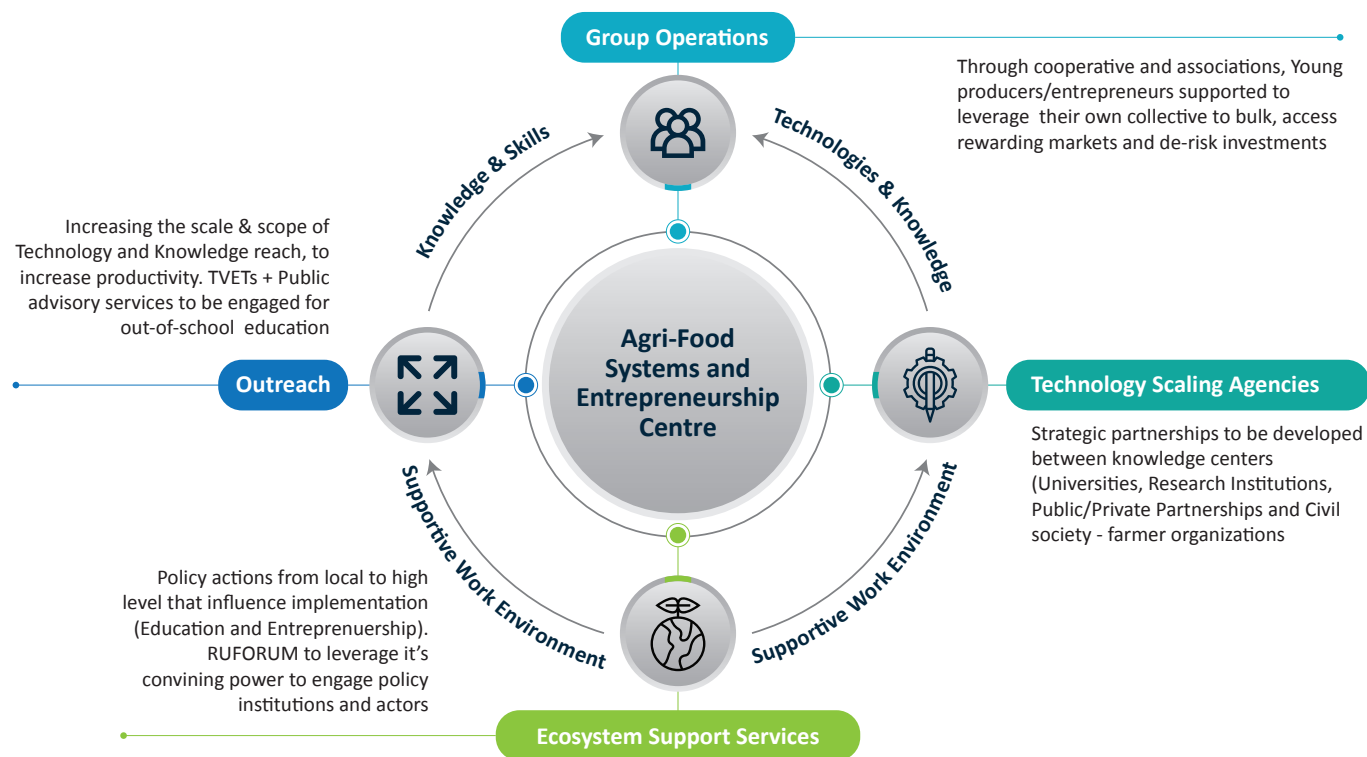
## SOCIAL AND ECONOMIC OUTCOMES OF TRANSFORMATIVE EDUCATION FOR YOUNG WOMEN AND MEN

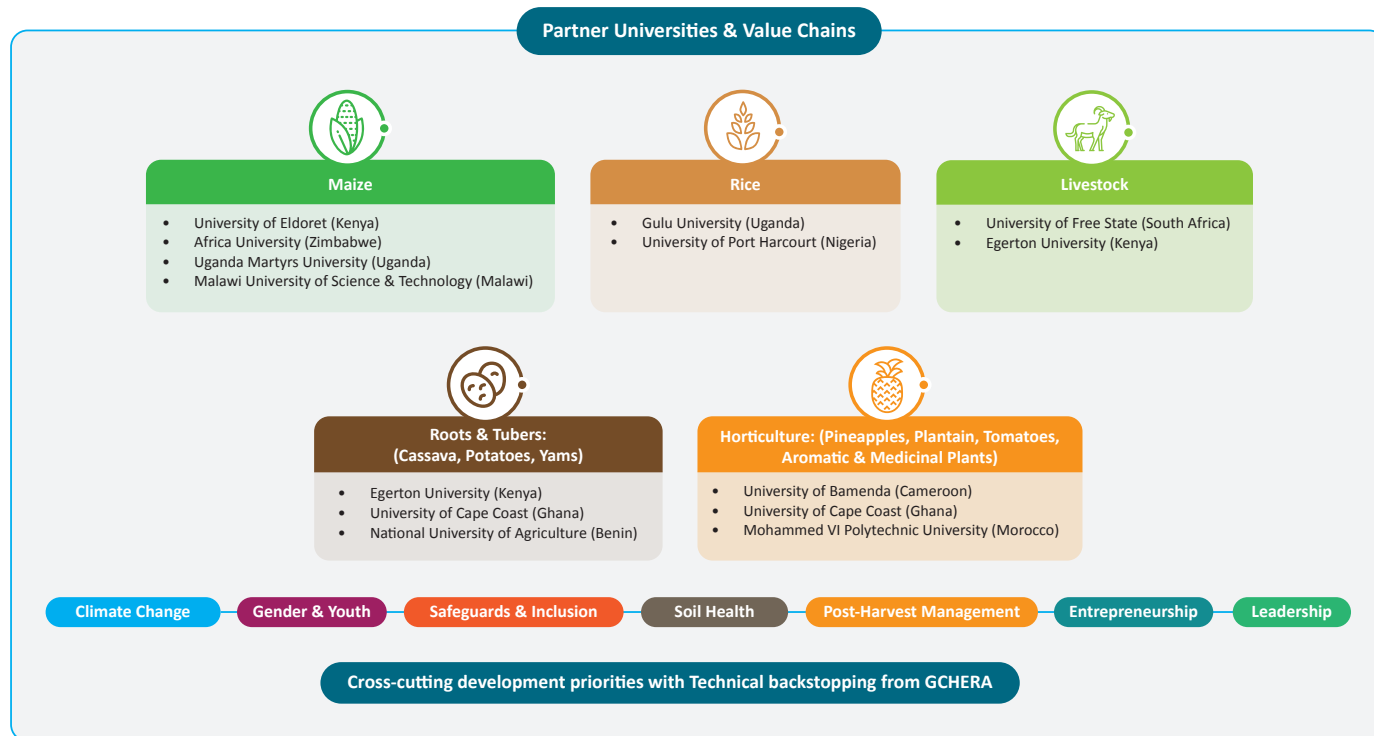




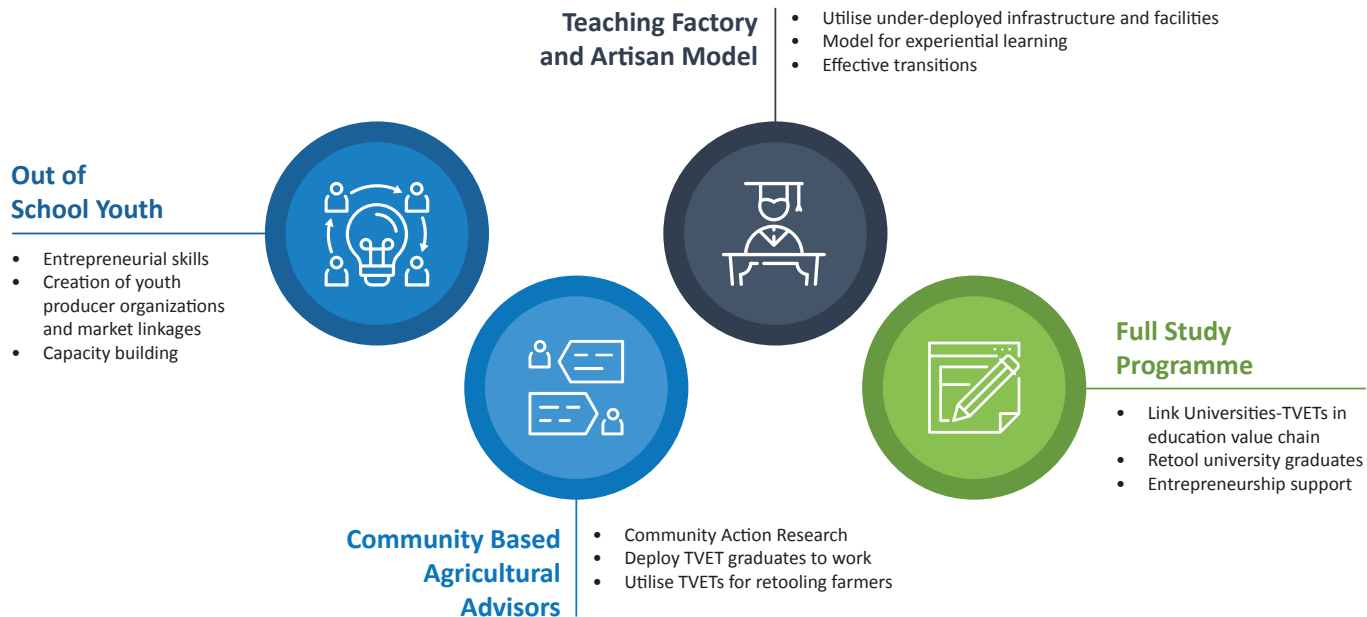


# AGRI-FOOD SYSTEMS & ENTREPRENEURSHIP PROGRAMMES FOR SCALING AGRI-INNOVATIONS & CREATING AGRIPRENEURS ALONG VALUE CHAINS

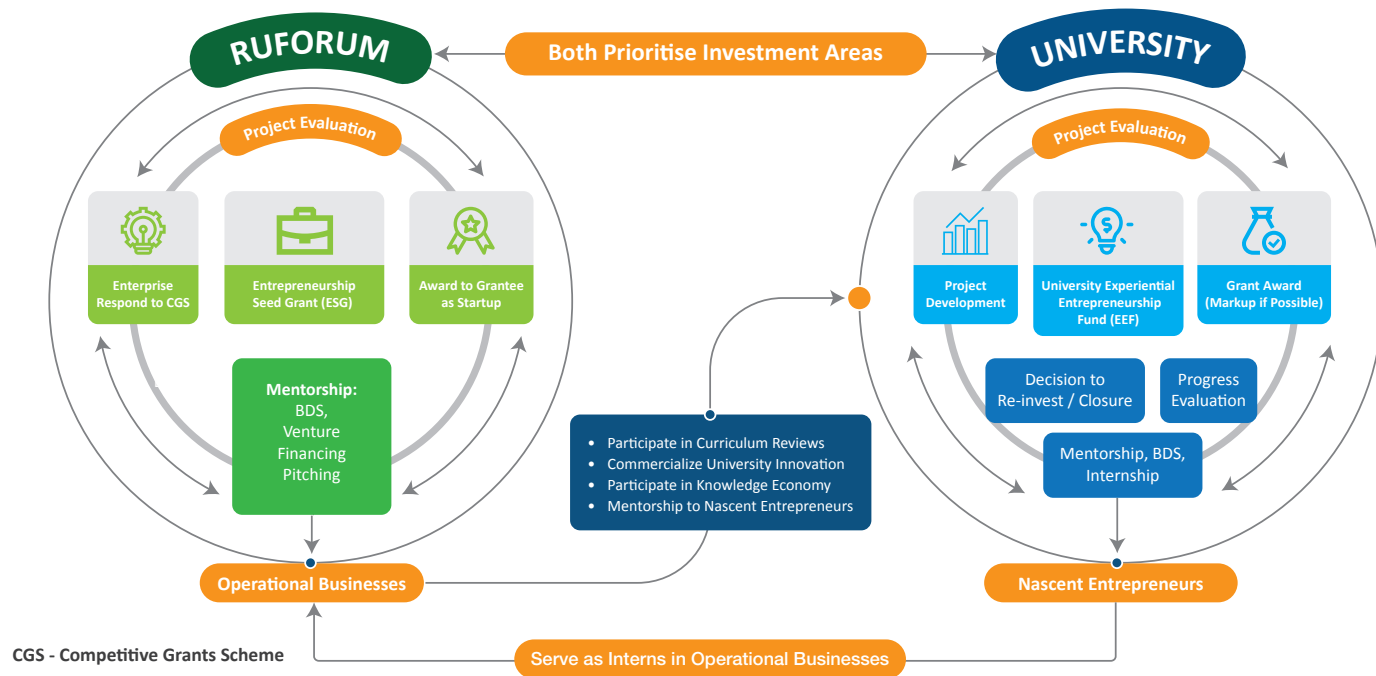




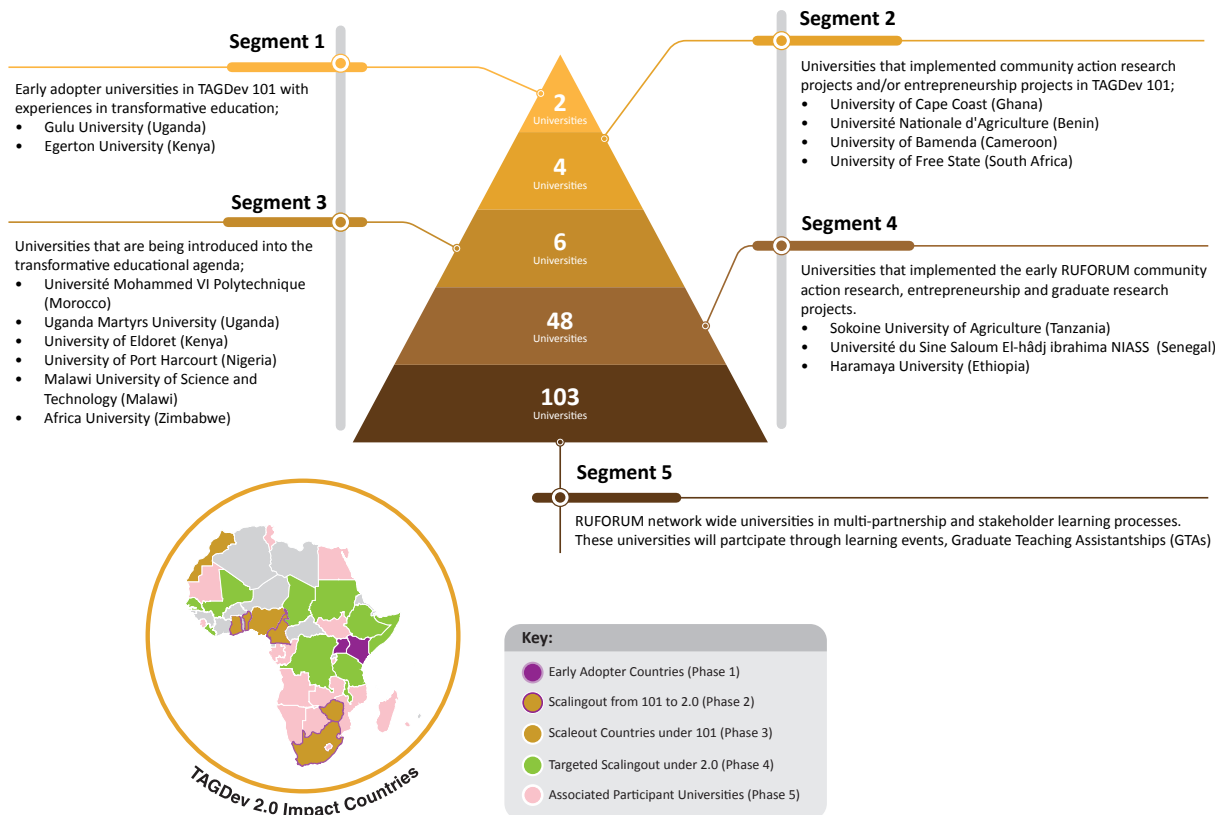
## ENABLING OUT OF SCHOOL YOUTH & TVETS YOUNG WOMEN & MEN INTO PRODUCTIVE WORK







## PARTNER MAPPING: PARTNER UNIVERSITIES



| #   | University / Organisation                                                                          | Country      |
|-----|----------------------------------------------------------------------------------------------------|--------------|
| 1.  | Gulu University                                                                                    | Uganda       |
| 2.  | Uganda Martyrs University                                                                          | Uganda       |
| 3.  | Egerton University                                                                                 | Kenya        |
| 4.  | University of Eldoret                                                                              | Kenya        |
| 5.  | Université Mohammed VI Polytechnique (UM6P)                                                        | Morocco      |
| 6.  | University of Cape Coast                                                                           | Ghana        |
| 7.  | Université Nationale d'Agriculture                                                                 | Benin        |
| 8.  | University of Port Harcourt                                                                        | Nigeria      |
| 9.  | University of Bamenda                                                                              | Cameroon     |
| 10. | Malawi University of Science and Technology                                                        | Malawi       |
| 11. | Africa University                                                                                  | Zimbabwe     |
| 12. | University of Free State                                                                           | South Africa |
| 13. | Regional Universities Forum for Capacity Building in Africa (RUFORUM)                              | Uganda       |
| 14. | Global Confederation of Higher Education Associations for Agricultural and Life Sciences (GCHERA). | France       |

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