



Ukama Ustawi:  
Diversification for Resilient  
Agrifood Systems in East  
and Southern Africa



**Donor Drop-In Call  
(March 2023)**

# Ukama Ustawi (UU): Diversification for resilient agrifood systems in East and Southern Africa (ESA)

**Initiative Design Team Leads:**

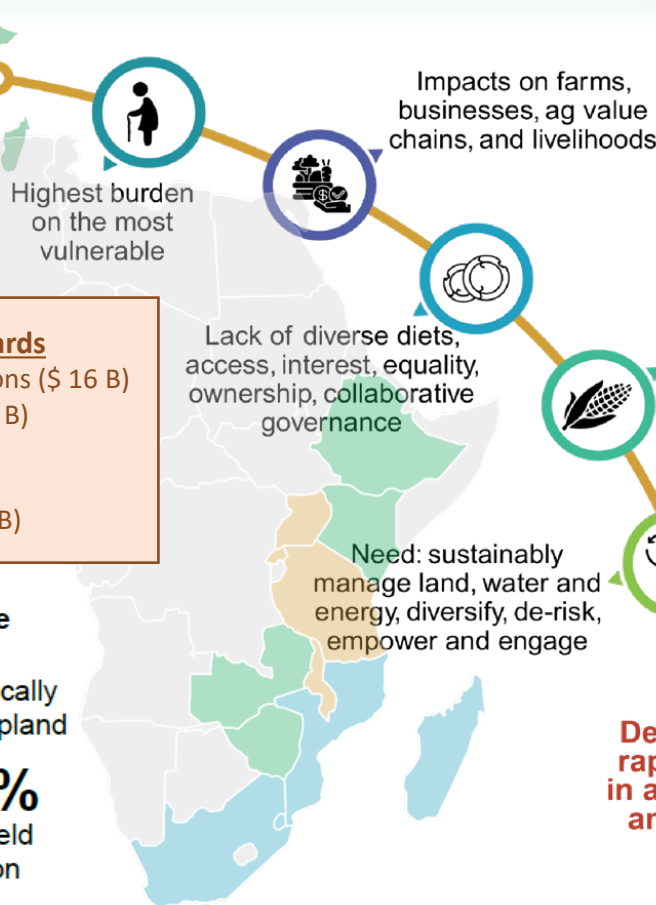
Dr Inga Jacobs-Mata (IWMI) & Dr Evan Girvetz (ABC)

# Purpose: Diversify and sustainably intensify maize-mixed systems for climate resilience and nutrition in ESA



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ESA – a climate hotspot



## Top 5 Climate Hazards

1. Growing season reductions (\$ 16 B)
2. High Temperatures (\$14 B)
3. Flood (\$9.5 B)
4. Drought (\$7.0 B)
5. Climate variability (\$3.5 B)

## Modelled climate change impacts

**33.5%** less climatically suitable cropland

**-15%** wheat yield reduction

**-15%** maize yield reduction

Implementation through partnership with regional platforms (e.g. PABRA, CCARDESA, ASARECA, FANRPAN, 2SCALE, Mercy Corps AgriFin) ensure coverage across all 12 countries

## Innovations and impact



Assess



Apply



Scale

## Initiative outcomes by 2024



**50,000 farmers (40% women; 40% youth)** using climate-smart intensification and diversification practices with improved water and land management.



**1 million farmers** and other value chain actors (40% women, 40% youth) accessing bundled digital agri-advisory and risk management services.



At least **30 start-ups** and SMEs—40% run by women and 40% by youths—will have scaled climate-smart solutions

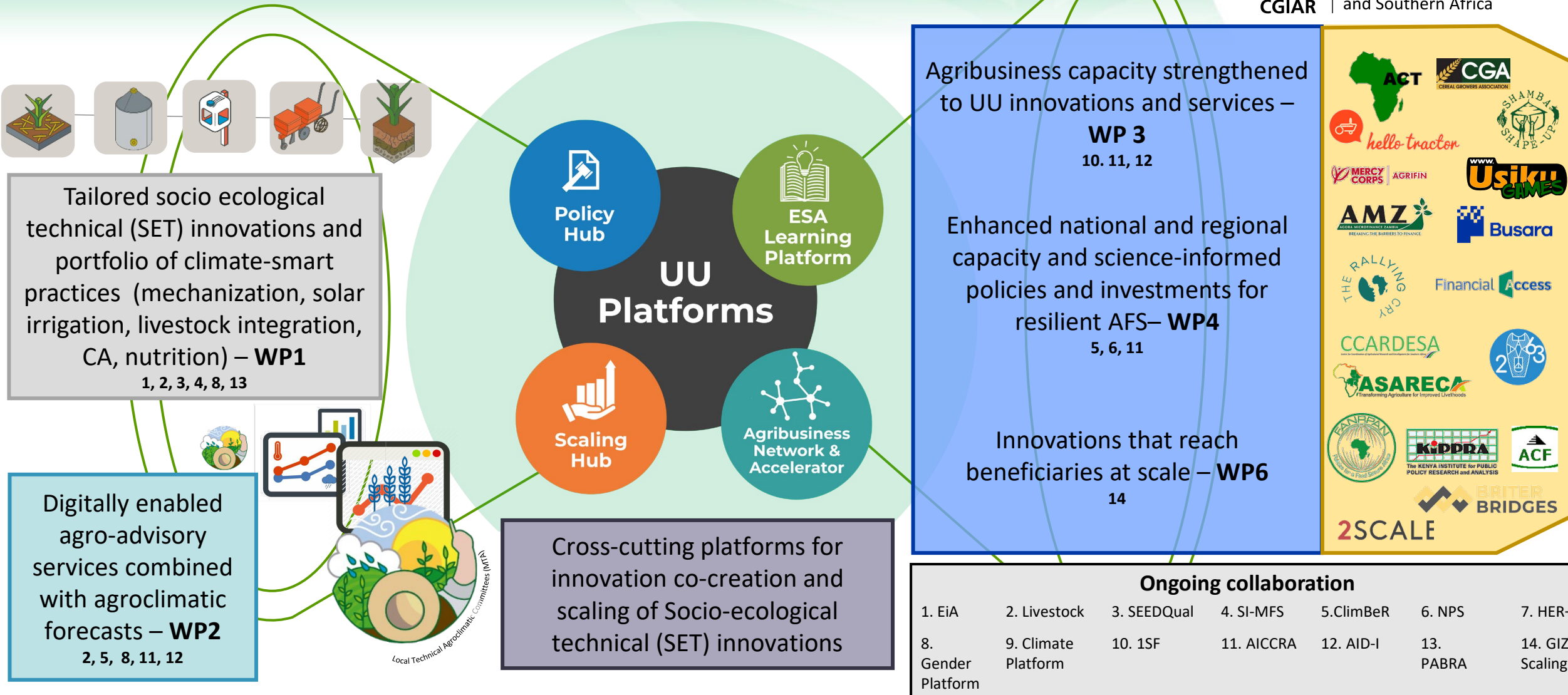


**US\$100 million** of investments enabled by **2 strategies/ policies** supporting collaborative governance and management of multifunctional landscapes.

# The UU Approach in a Nutshell



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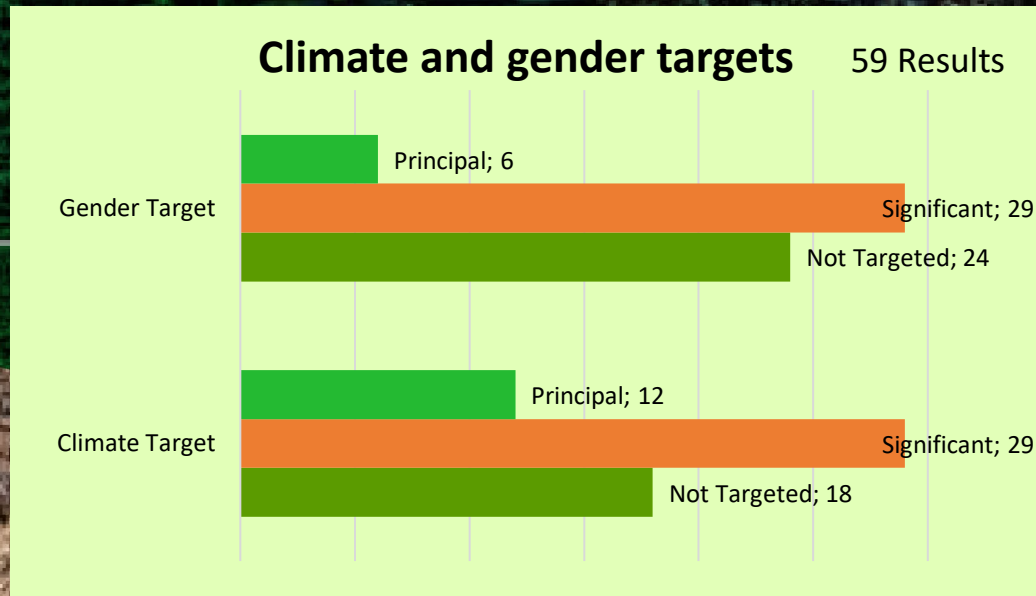


Systemic and systematic approach of gender, youth and social inclusion to ensure equitable implementation and outcomes **(GESI) (WP5) 7, 8**

MEL data and the learning studies to account for the contribution **(MELIA)** Adapted from Govaerts and Martinez, 2022



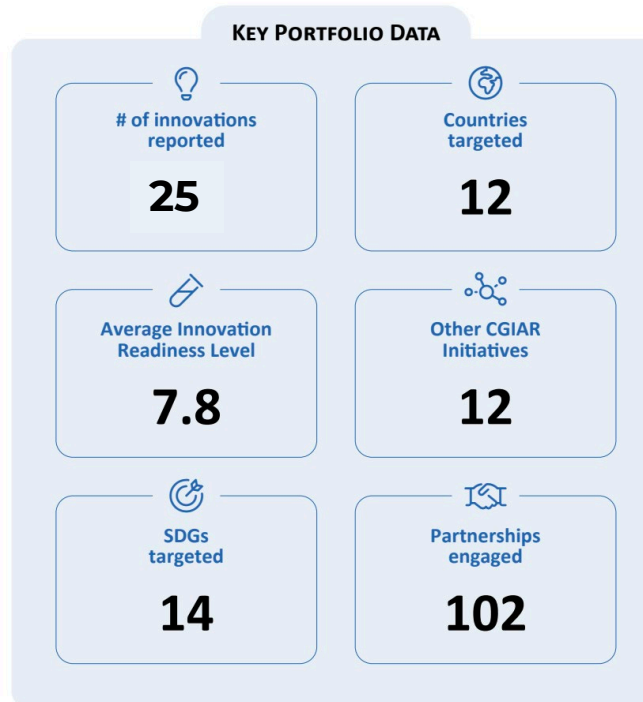
# Status: Highlights of progress in 2022



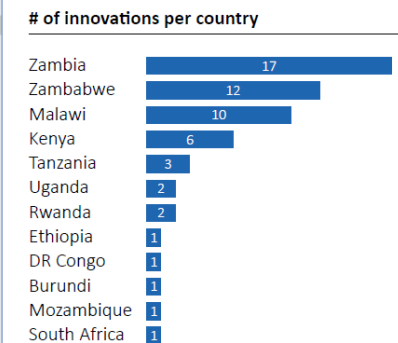
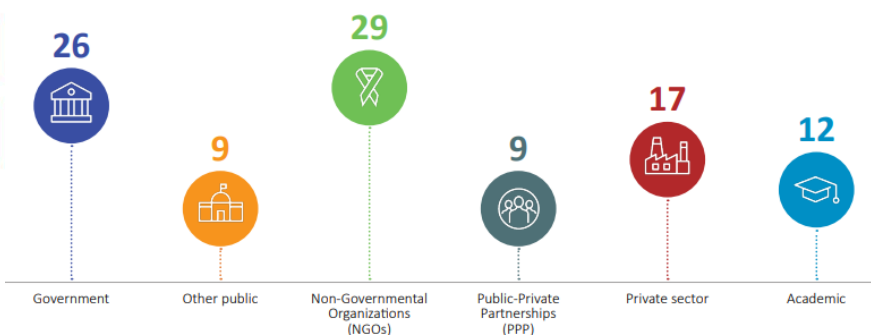
# Progress on results in 2022



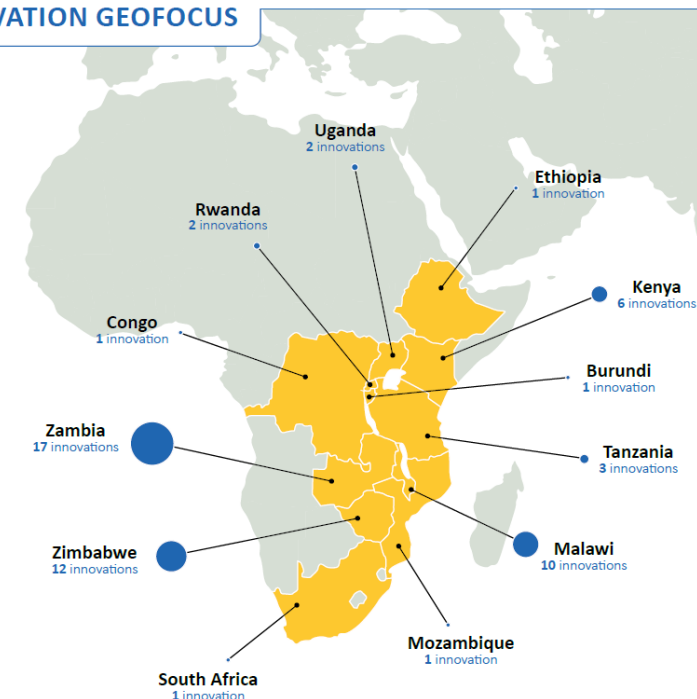
| OECD marker                        | Score |
|------------------------------------|-------|
| OECD DAC Climate Adaptation Marker | 2     |
| OECD DAC Climate Mitigation        | 1     |
| OECD DAC Gender Equity             | 1B    |



- Produced **59** results, of which **25** are innovations.
- 17** Innovation teams collaborating with **12** other initiatives.



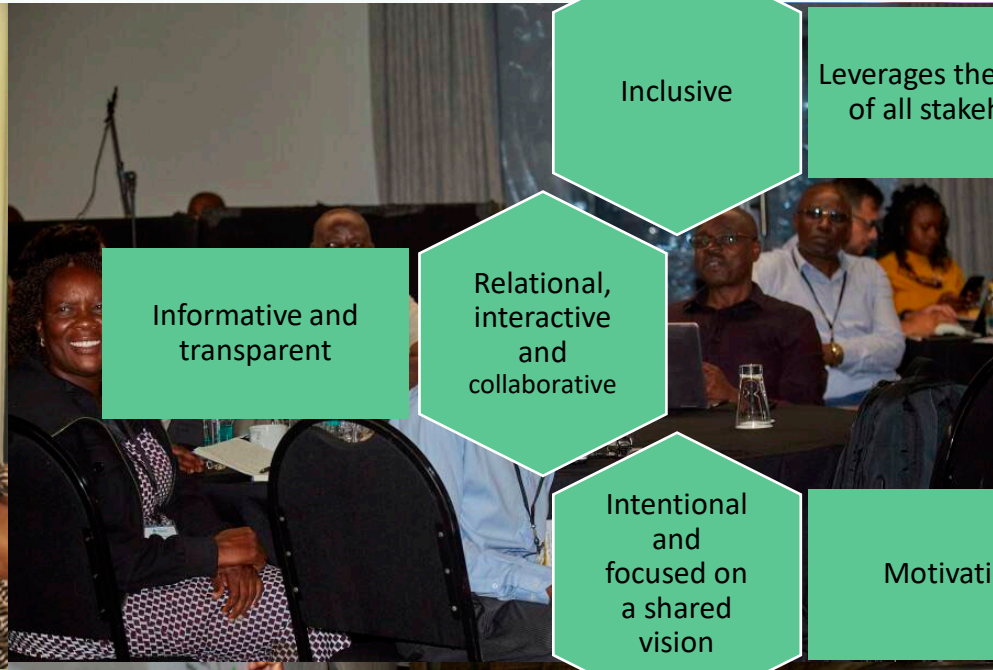
## INNOVATION GEOFOCUS



# Building the foundation to deliver at scale through the UU Community of Spirit



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Inclusive

Leverages the diversity of all stakeholders

Informative and transparent

Relational, interactive and collaborative

Intentional and focused on a shared vision

Motivational



Learning oriented and fun

Redefines the role of science

Creates opportunities for growth of the youth

# Building the foundation to deliver at scale



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- **Hubs set up** to support policy action, SMEs capacity building, and innovation scaling
  - Policy dialogues held in [Kenya](#) & [Zambia](#)
  - Food Systems Accelerator launches cohort of 10 African SMEs with 20 additional companies in the pipeline
  - [Scaling Hub event](#) co-hosted with GIZ
  - Learning Alliance with CCARDESA, ASARECA, FARA, AKADEMIYA2063

## Accelerated delivery in the first year

- **Improved extension/delivery systems** scaling strategy for sustained uptake of SI, mechanization, nutrition, and irrigation practices with NARS, Ministries of Agriculture, NGOs/CBOs, and private sector in 4 countries.
- **PABRA incorporated into UU**, linking with partners and building work across 12 ESA countries
- **Munda Makeover launched in Zambia** on ZNBC National TV in partnership with AICCRA
- **Shamba Showdown farm simulation game** developed by Usiku Games with partner support







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# Key outcomes to be reported in 2023

# Key Outcomes Targeted for 2023



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- **Farmers taking up CA and other diversification practices** through community outreach (e.g., Field learning demos, fairs), seed systems in 4 countries **(WPI)**
- **PABRA network improving nutrition from bean consumption** through on-farm demonstrations, school feeding programs and training on processing and utilization of nutrient dense foods **(WPI)**
- **Munda Makeover delivering advisories to over 1 Million people** and associated iMunda mobile platform launched linked to national TV show in Zambia **(WP2)**
- **Smallholder farmer finance product** for Agora Microfinance Zambia improved using UU science **(WP2)**



# Key Outcomes Targeted for 2023



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- **Stakeholders have improved capacity** resulting from the UU Learning Alliance activities including partnership session at African Agricultural Science Week **(WP 4)**
- **GESI framework co-implemented with Solidaridad** mainstreaming GESI in UU and beginning to influence public, private and civil society institutional actors and processes **(WP5)**
- **Improved integration of global science initiative innovations** into the UU portfolio through innovation profiling and scaling readiness approach **(WP6)**
- **CGIAR Scaling Dialogue at [AASW8](#)** in June 2024 **(WP6)**



Ukama Ustawi:  
**Together we  
grow and  
develop.**



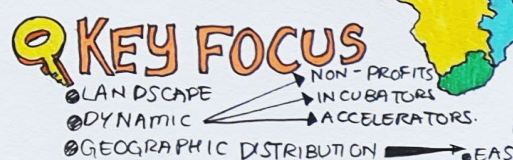
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# LANDSCAPE STUDY

BY AZIZA INOUBLI  
STATE OF AGRIBUSINESS SUPPORT SYSTEM IN EAST & SOUTHERN AFRICA



- KEY FOCUS**
- LANDSCAPE
  - DYNAMIC
  - GEOGRAPHIC DISTRIBUTION
  - NON-PROFITS INCUBATORS
  - ACCELERATORS

- COUNTRIES OF INTEREST**
- EAST AFRICA ↑
  - SOUTHERN AFRICA ↓ (GREATER SUPPORT IN SOUTH AFRICA)

## Challenges

- LINKAGES
- POLICY
- CAPACITY
- SUSTAINABILITY

## Recommendations

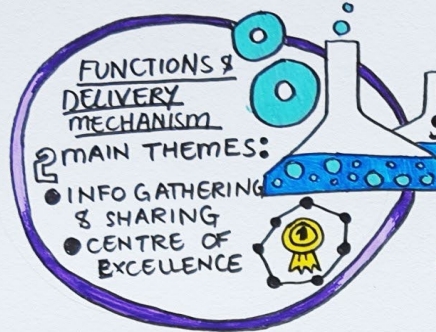
- CAPACITATE AESOs
- FACILITATE ACCESS TO KNOWLEDGE TOOLS
- INTRODUCE STANDARDS TO ENCOURAGE SUSTAINABILITY

# ILRI



## A WEEK OF SCIENCE & PRACTICE OF SCALING AGRI-FOOD SYSTEM INNOVATION

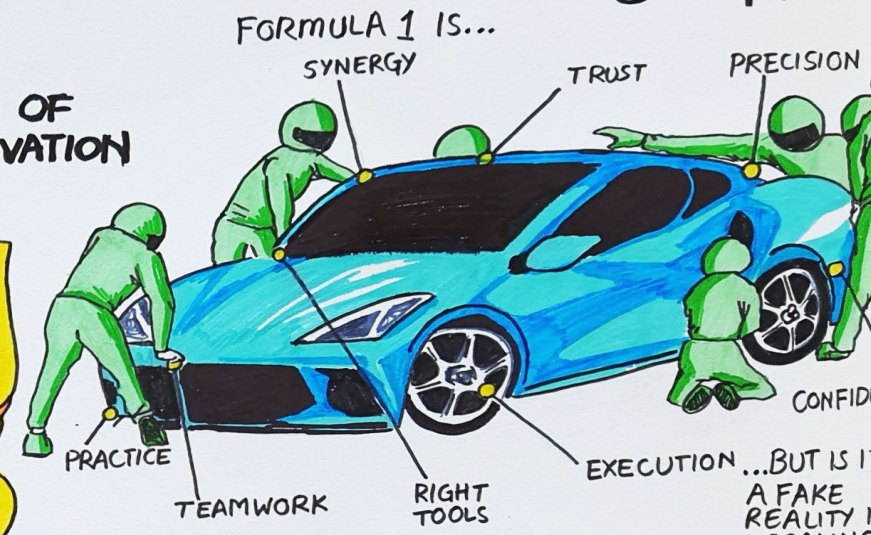
# scaling HUB



- WHAT CAN WE DO?**
- HAVE DISCUSSIONS WITH PARTNERS, GOVERNMENT,...
  - START BY ADDRESSING ISSUES WITHIN OURSELVES BEFORE VENTURING OUT.

Remember IT IS A JOURNEY

# RECAP BY JANE KAMAU



## Key REFLECTIONS FROM THE WEEK...



- PROFILING OUR INNOVATIONS
- APPROACH TO SCALING OUR INNOVATIONS
- GENDER
- SCALING ACCELERATORS
- SCALING SYSTEMS
- PARTNERSHIPS.

CO-ORDINATION IS KEY

- KEY QUESTIONS**
- WHAT INNOVATIONS DO YOU HAVE READY FOR SCALING?
  - WHAT KIND OF PARTNERS NEED TO BE ENGAGED?
  - AT WHAT STAGE OF THE PROCESS?

## WORTH THINKING ABOUT:

- CROSS-CUTTING ISSUES PRESENT
- STRUCTURES THAT NEED TO BE PRESENT
- SHOULD IT BE A VIRTUAL OR PHYSICAL ENTITY?

# Ambition: Delivering Innovations at Scale



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- **Scaling on-farm CSA practices in more ESA countries** (mechanization, irrigation, Conservation Ag, nutrition, livestock integration) and virtual field tours.
- **Integrated nutrition survey**
- **Building on PABRA Network** to include other legumes and crops researched and delivered through network
- **Leveraging the learning alliance:** building out trainings on key topics with AKADEMIYA2063 and partners
- **State of Region Report**



# Ambition: Leveraging Digital Technologies



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- **Delivering Climate Services through research networks** (e.g., PABRA, ASARECA, CCARDESA, ESA Africa Climate Information Service Platform)
- **Climate-Smart Agriculture Sandbox** for developing bundles of services with Mercy Corps AgriFin and partners
- **Developing iShamba (iMunda)** digital platform linked to national TV show
- **Munda Makeover Roadshow** to link national TV show to community action
- **Shamba Showdown game** promoted alongside Don't Lose the Plot TV Show



# Ambition: Agribusiness and Investment Ecosystem



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- **Behavior and business research:** using gamification to improve business models of targeted agribusiness partners
- **Expand Food Systems Accelerator** to more countries and themes -- growing the SME pipeline
- **Unlocking finance for SMEs** – e.g., impact investment and funds
- **Co-designing research to support large development agencies and projects**
- **Strengthen partnership with AfDB and FARA** to operationalize the principles of Abidjan I & II

