



Scaling models and approaches: Experience from the Africa RISING-NAFAKA Project, Tanzania

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Objectives for Africa RISING and

Africa RISING

- Identify and evaluate demand-driven innovation options for SI that:
 - contribute to rural poverty reduction
 - improve nutrition and equity
 - Improve ecosystem stability
- Facilitate (development) **partner-led dissemination** of integrated innovations within and beyond Africa RISING research action sites

NAFAKA

- Improve the competitiveness and productivity of the rice and maize value chains (incl. climate adaptation focus)
- Facilitate improved domestic and regional trade in rice and maize
- Expand the depth and breadth of benefits from the growth of the rice and maize subsectors
- Focus on changing behaviors: women, youth, and nutrition

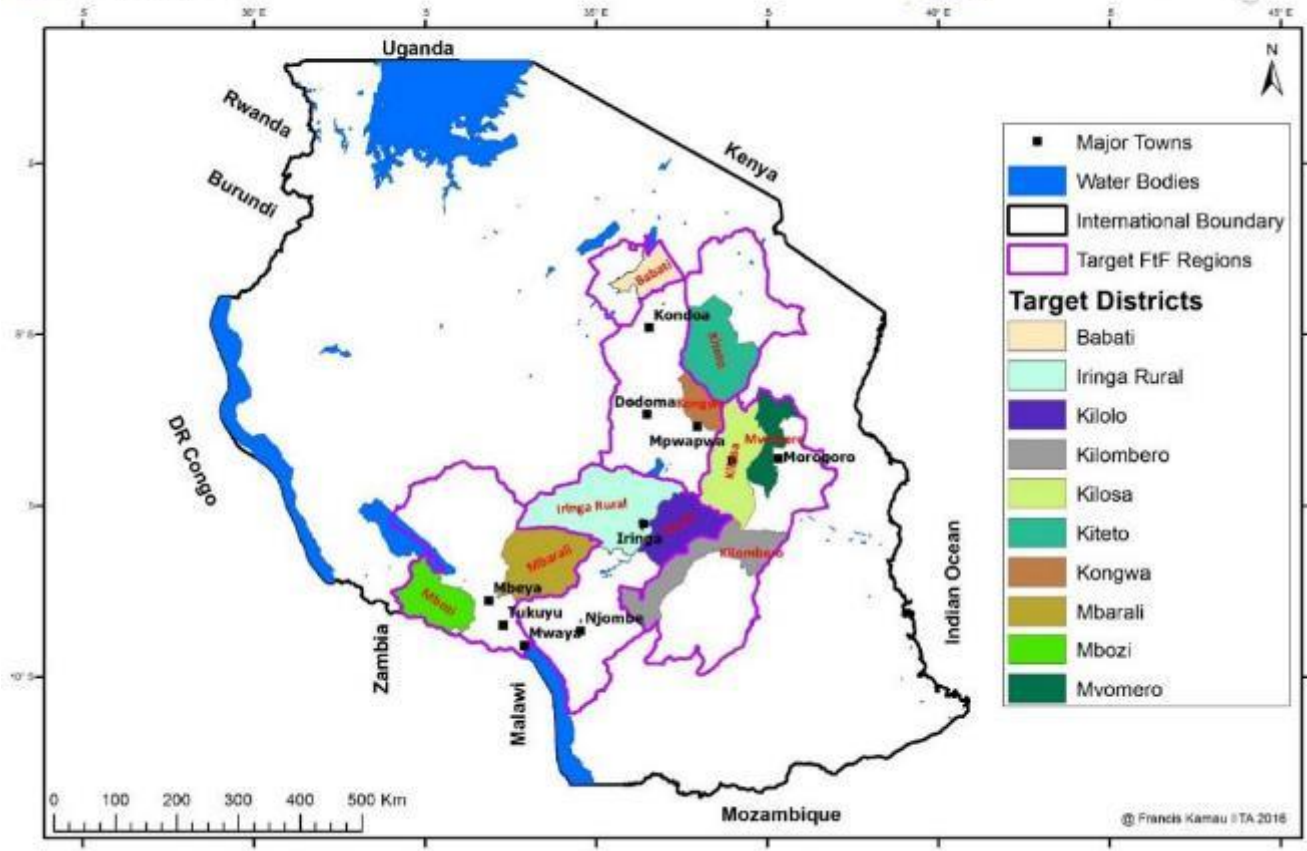


Objectives

1. Introducing and promoting improved and resilient varieties of food crops (maize, legumes, rice, vegetables);
2. Disseminating best-bet agronomic management packages (GAPs);
3. Protecting land and water resources (incl. [SAS/acidity/salinity](#));
4. Introducing and promoting postharvest management technologies (bring quality up to market standards);
5. Enhancing capacities of local communities.

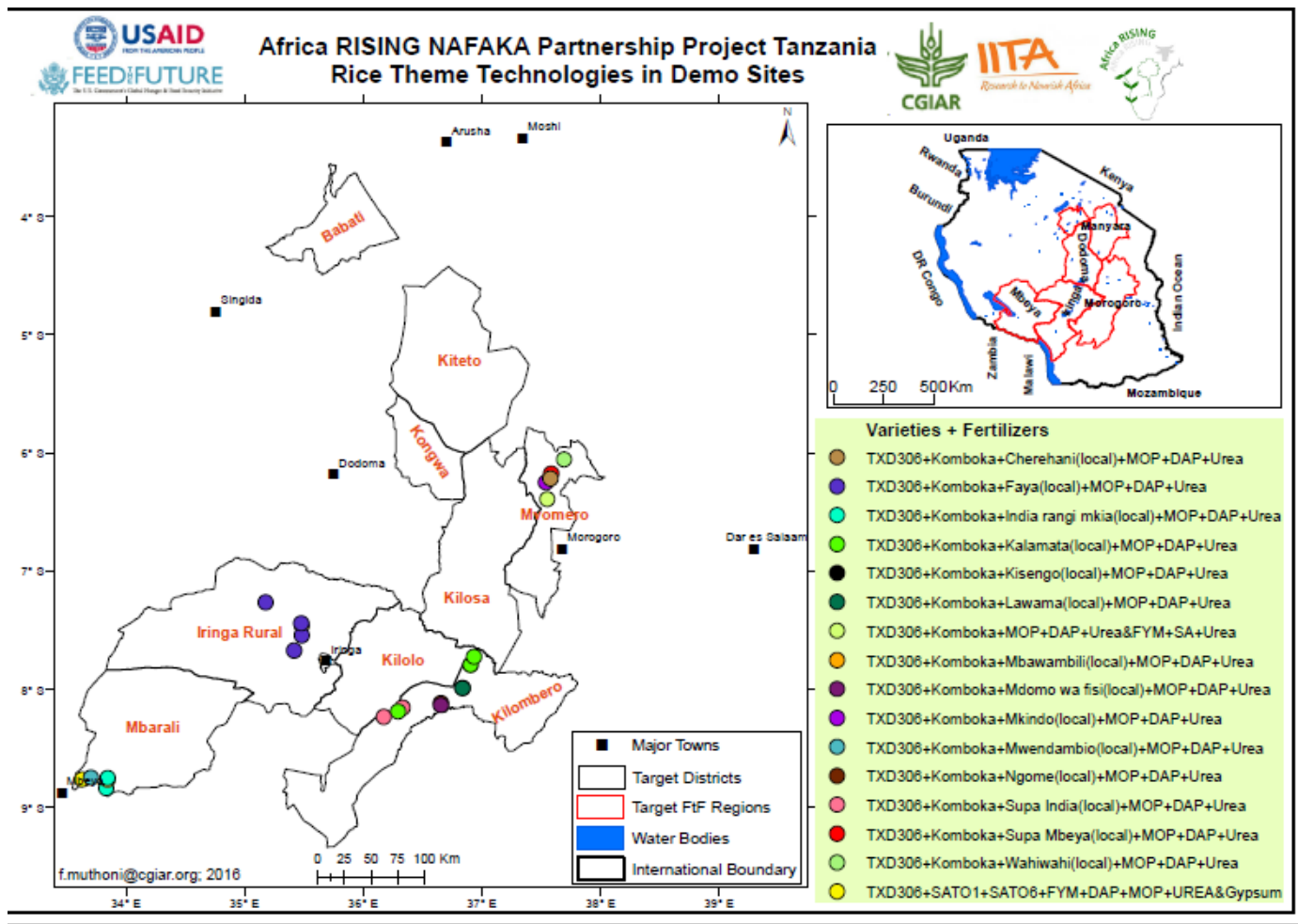


Africa RISING - NAFKA Partnership Project Target Districts





Rice technologies

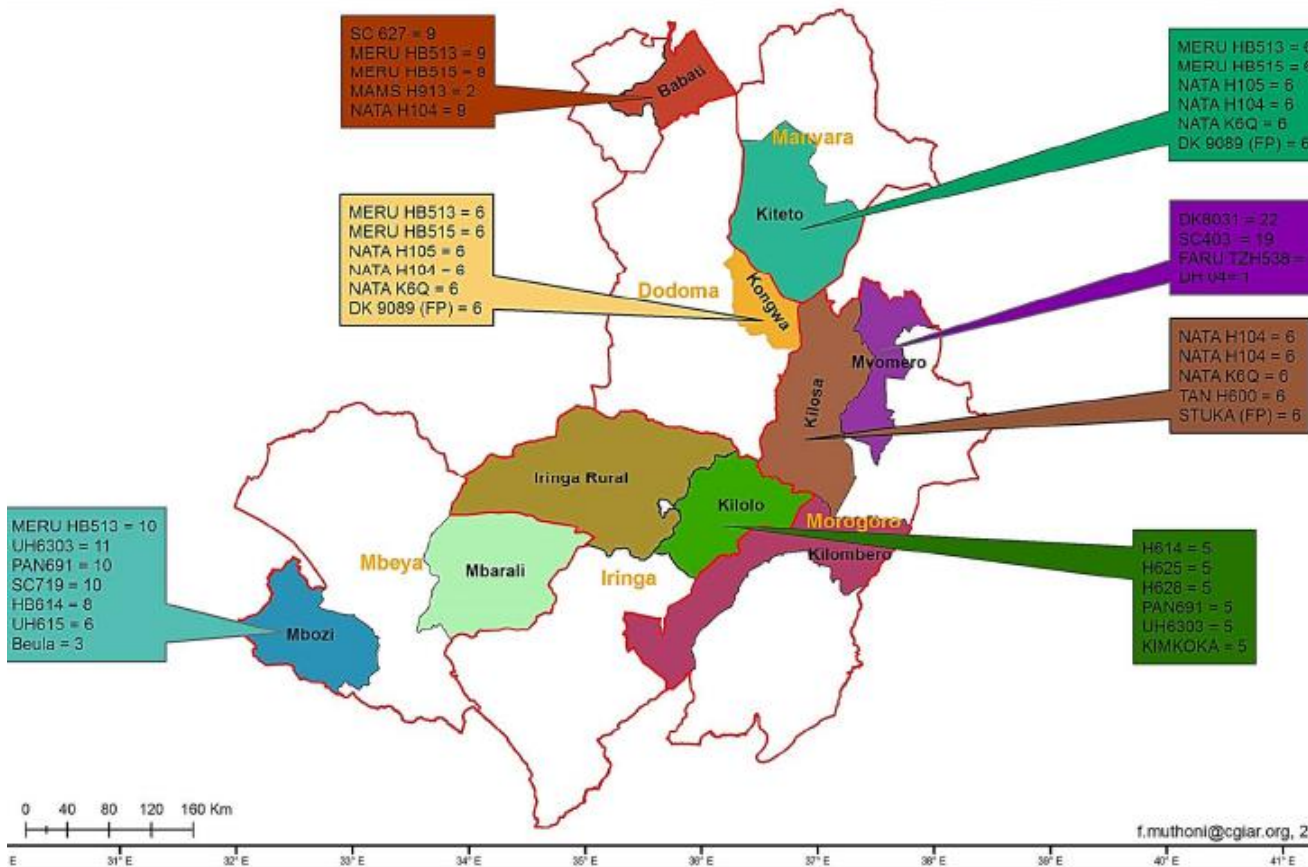




Maize technologies

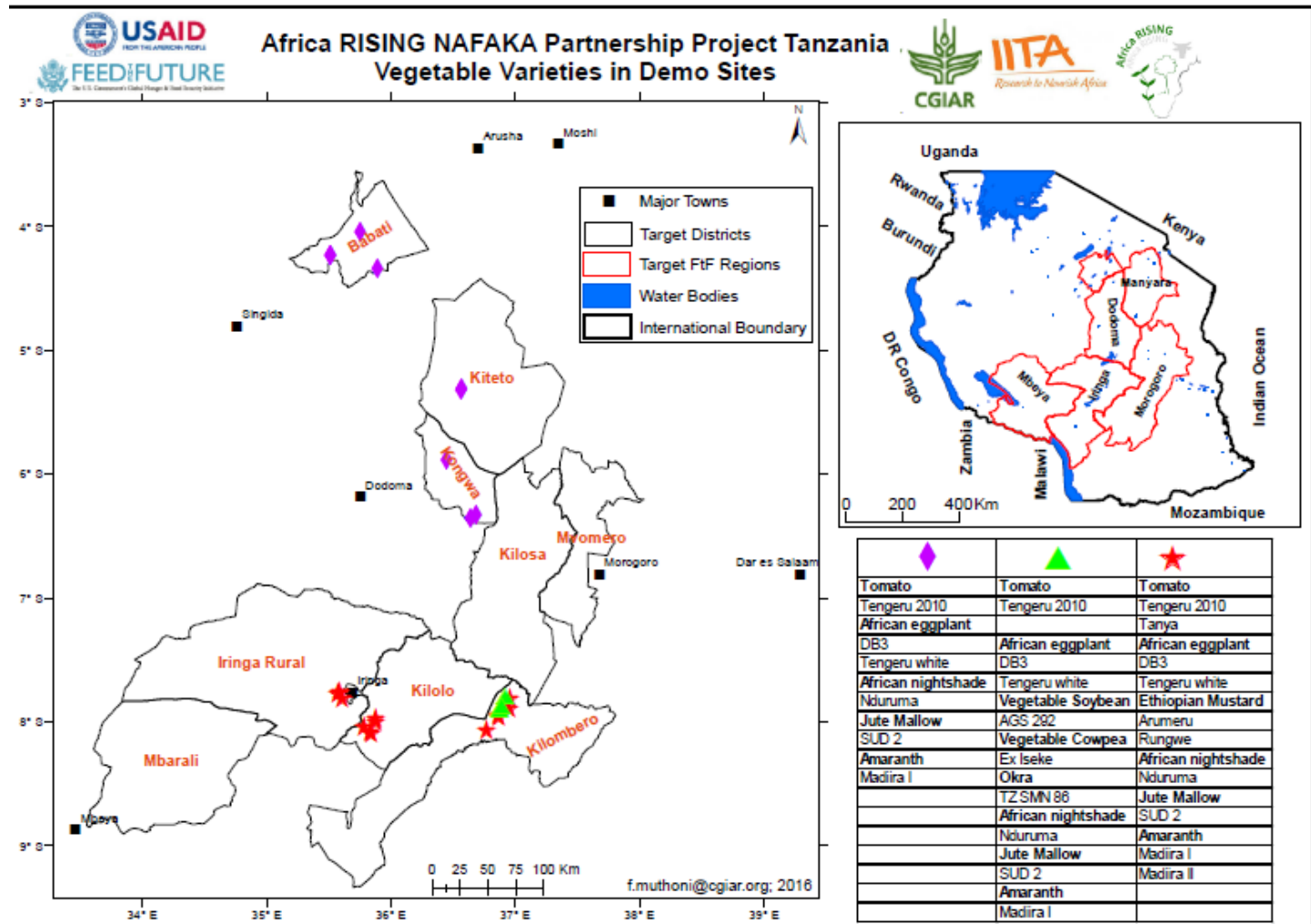


Africa RISING NAFKA Partnership Project Tanzania
Maize Varieties in Mother Demo Sites





Vegetable technologies

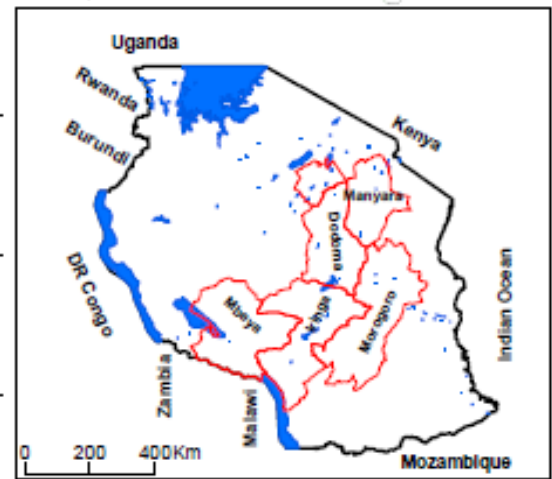
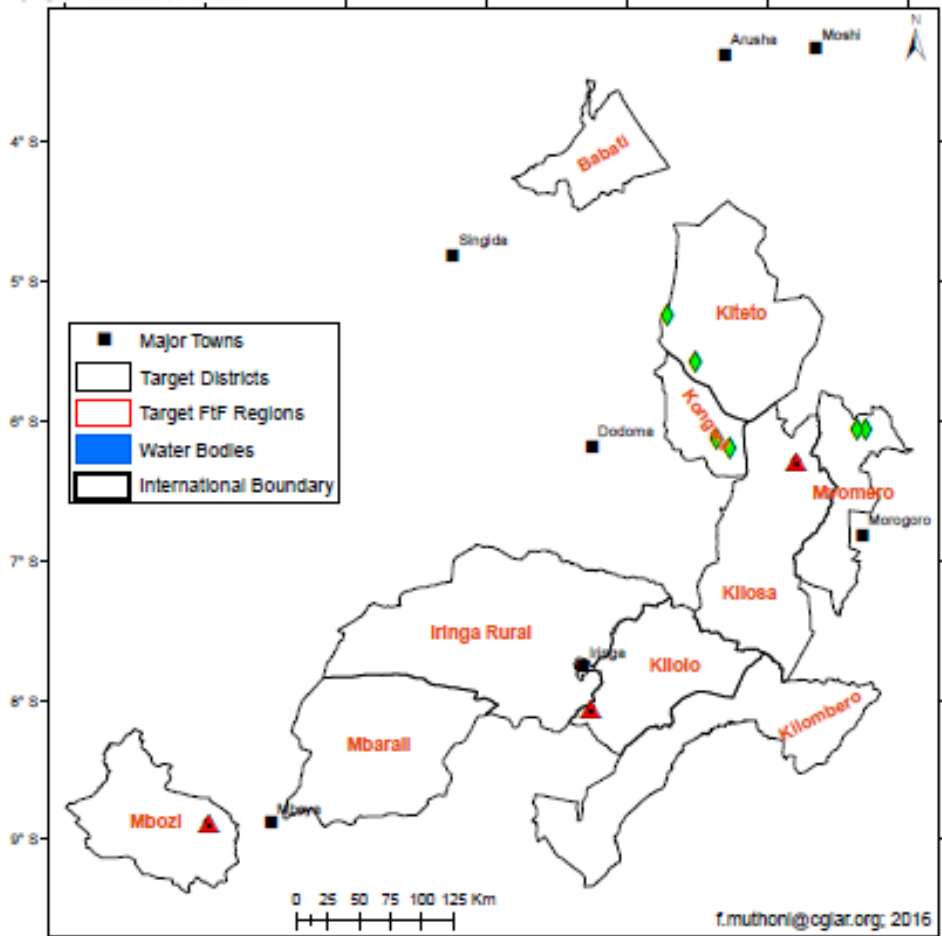




Post-harvest management technologies

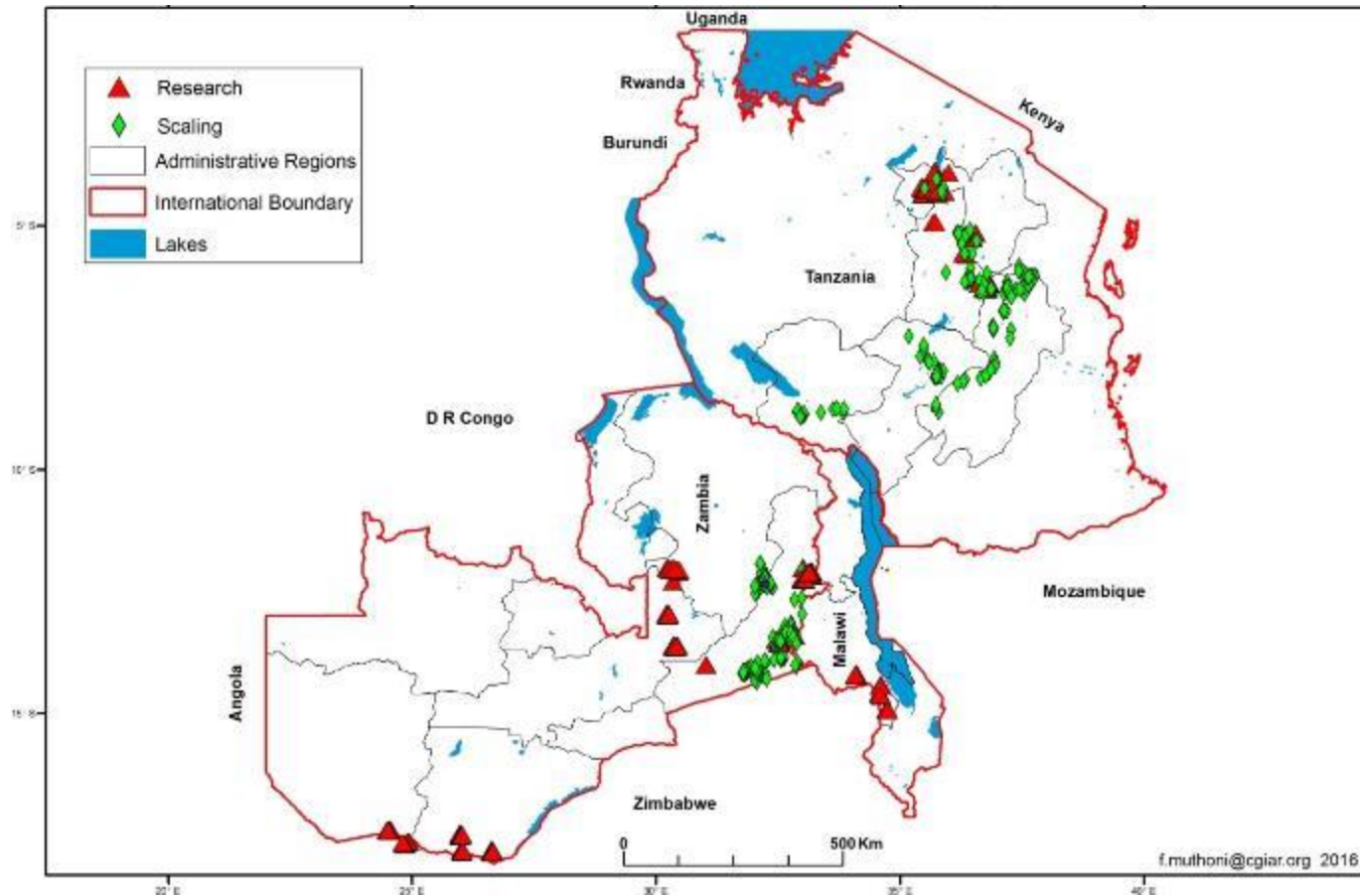


Africa RISING NAFKA Partnership Project Tanzania Post-Harvest Technologies in Demo Sites



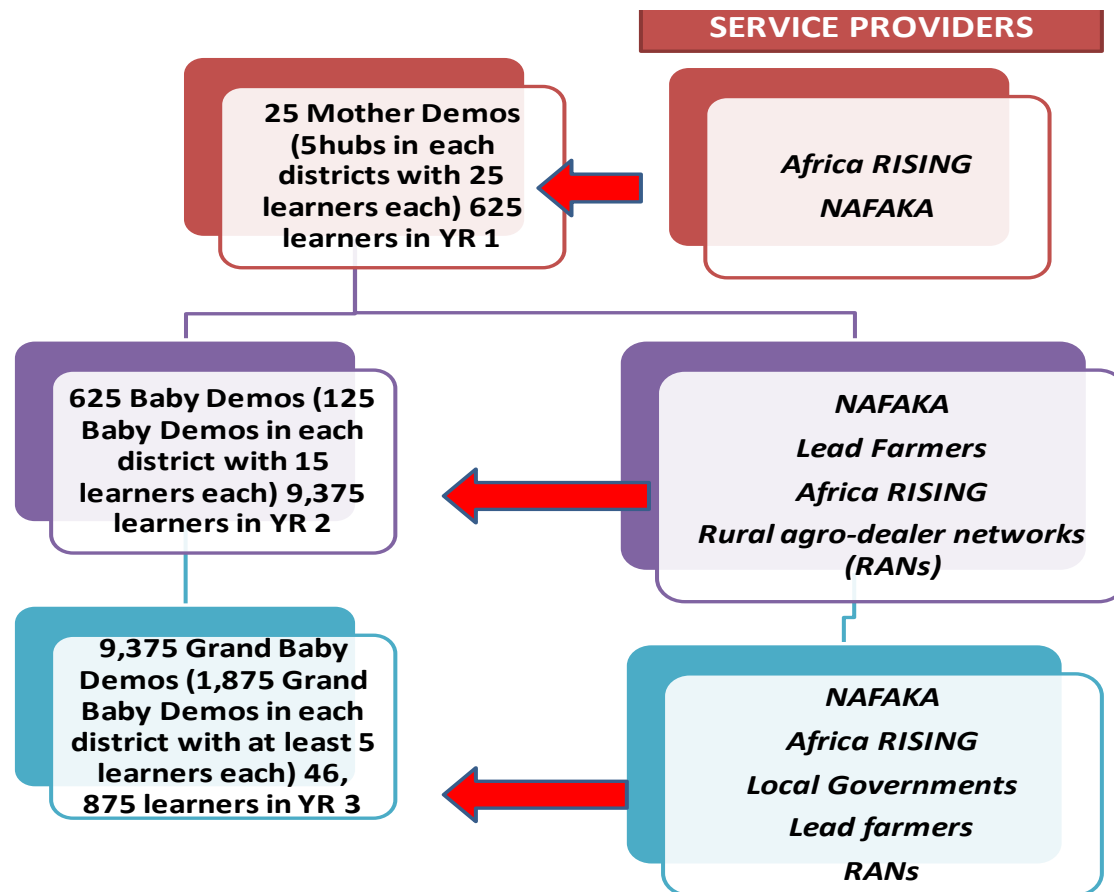
Maize Shelling	Maize Shelling
Collapsible Drier case	Collapsible Drier case
Hermetic storage bags	Hermetic storage bags
	GrainPro Safe cocoon storage

Action sites





Demonstration Model (maize, rice)





Approaches used

Training materials



AFRICA RISING-NAFAKA TRAINING MANUAL
RICE
ARI DAKAWA (JUNE 2016)
MODULE I

FARM PLANNING OUTLINE

- CONCEPT OF IMPROVED RICE VARIETIES
- SEED PREPARATION
- NURSERY PREPARATION
- LAND PREPARATION
- RICE PLANTING
- DIRECT PLANTING
- TRANSPLANTING

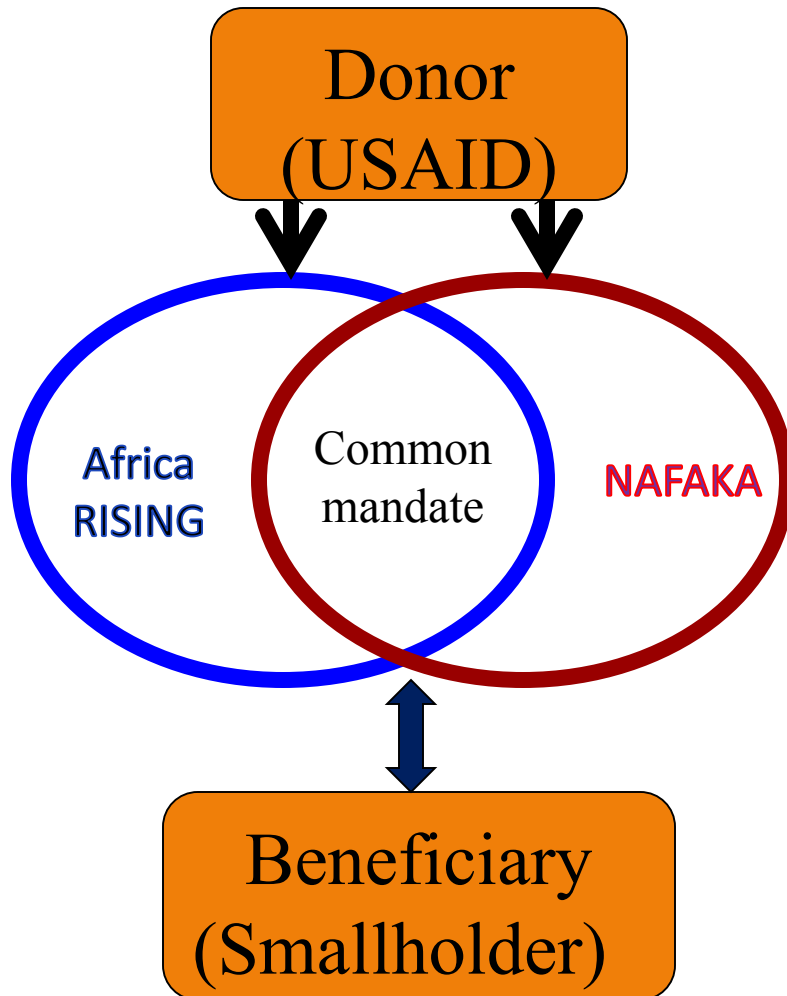


Field days





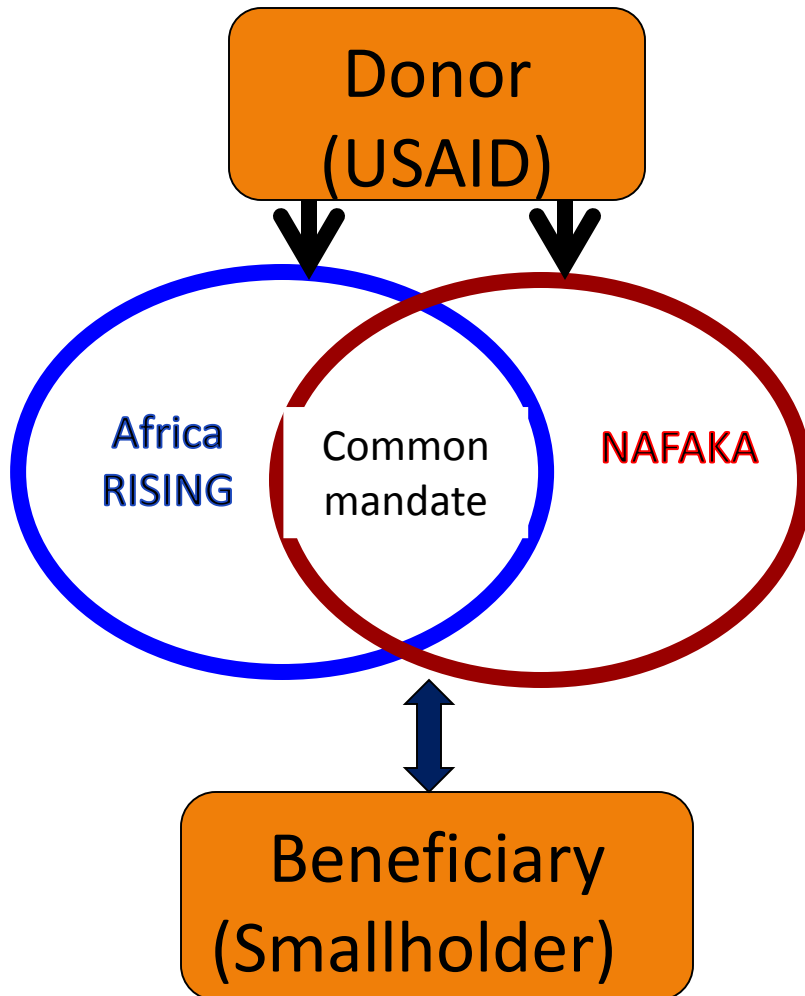
How we make partnerships work



1. Dialogue – to define common mandate, responsibilities and minimize conflicting messages (**farmers**, **the rest**)
2. Apportion resources specifically to address partnership actions
3. Operate as equal partners with shared accountability
4. Regular review/co-learning
5. **Be prepared to end non-functional partnerships**



How we make partnerships work



1. CG centers operate with national research institutions in all sites
2. Work closely with NAFKA team members; identify others – NGOs, private sector
3. Leverage resources (N2Africa)
4. Deepen work with government staff
5. GIS for better targeting
6. Communication and coordination (**beneficiaries**, team, partners, donors)



More insights - 2017 and beyond



- Special focus on youth
- Research in Development (R-in-D)
- Deeper engagement with local govt. institutions
 - Sustainability
 - Integration with other development initiatives
- Technology descriptions (incl. CBA and typologies)



Training of lead farmers and village based agents



Supporting development of rural retailer networks for agro-inputs



Farmer Field days



Postharvest technologies





Partners

- Ministry of Agriculture, Livestock and Fisheries (MALF)
 - ARI Hombolo, ARI Chollima/Dakawa; ARI Selian; KATRIN; HORTI-Tengeru
- NAFKA: (ACDI/VOCA, RUDI, FIPS, MVIWATA), private sector actors (marketing, processing)
- DAICOs: Kilosa, Mvomero, Babati, Iringa rural, Kilolo, Mbarali, Mbozi, Kongwa, Kiteto and Kilombero districts
- Aminata Seeds, Meru Agro, Minjingu Fertilizer Co.



Thank You

Africa Research in Sustainable Intensification for the Next Generation

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