



Research-for-Development (R4D) platforms - a multi-stakeholder initiative for integrated farming towards sustainable intensification

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Africa Research In Sustainable Intensification for the Next Generation



Research Site	Research Team Leader	Partner Institutions
Babati District, Tanzania (sub-humid)	IITA	CIAT, ILRI, CIMMYT, AVRDC, MAFSCO, SARI, NM-AIST, SUA, TFNC, ARI-Naliendele, ARI-Selian, ARI-Mbeya, TALIRI, DOs, Univ. Tuskegee, BOKU-Tulln
Kongwa/Kiteto Districts, Tanzania (semi-arid)	ICRISAT	CIMMYT, ICRAF, AVRDC, ARI-Hombolo, ARI-Selian, ARI-Naliendele, PRC, UDOM, SUA, DOs, NAFKA, Tuboreshe Chakula
Dedza and Ntcheu Districts, Malawi (semi-arid to humid)	Michigan State University	CIAT, ICRAF, LUANAR, DAES, INVC
Zambia (Eastern Province)	CIMMYT/IITA	TLC, GART, ZARI, MoAL, UNZA
Cross-cutting: M&E Farming Systems Analysis	IFPRI Wageningen University	IITA, MSU, CIMMYT



Why R4D platforms?

- promote a demand-driven approach, complementary to a science-driven approach
- long-term positive impact by integrated systems interventions
- interactive design, co-evolution and learning





R4D platforms

- Strategy: Support of three communicative processes (Leeuwis and Aarts 2011):
 - network building
 - social learning
 - conflict management
- How do we support '*socially acceptable transformation*',
Example: how can platforms work in a way that is gender transformative?

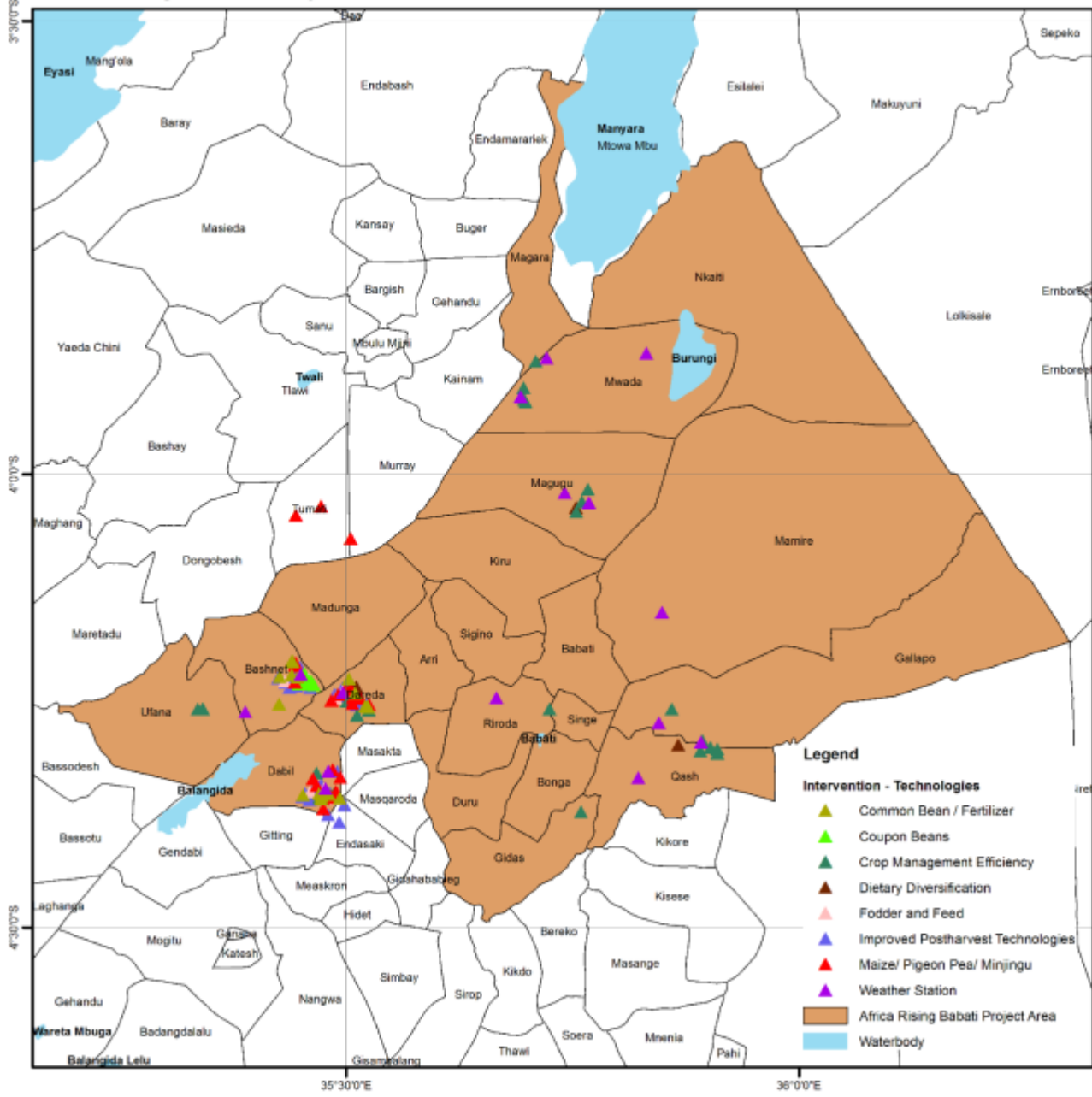


R4D platform - contributions

- Collective understanding of problems
- Knowledge sharing at systems level
- Effective resource utilization (research, time, etc)
- Common priorities
- Opportunity to involve private sector and policy-makers
- Integrated model across value chains
- Flexible in composition, focus over time



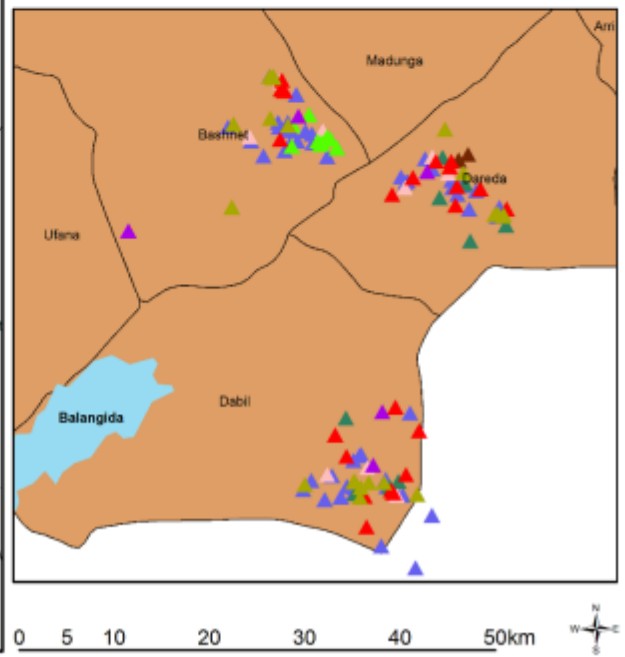
Africa Rising Babati Project Area



Tanzania



Zoomed- Bashnet, Dareda & Dabil Sites



- Legend**
- Intervention - Technologies**
- ▲ Common Bean / Fertilizer
 - ▲ Coupon Beans
 - ▲ Crop Management Efficiency
 - ▲ Dietary Diversification
 - ▲ Fodder and Feed
 - ▲ Improved Postharvest Technologies
 - ▲ Maize/ Pigeon Pea/ Minjingu
 - ▲ Weather Station
 - Africa Rising Babati Project Area
 - Waterbody



The intensification challenge in Babati

Population growth steady →
stimulates change →
challenges traditional land use
patterns and livelihoods.

- ISFM (integrated soil fertility management)
- livestock integration
- continue titles and land certificates process





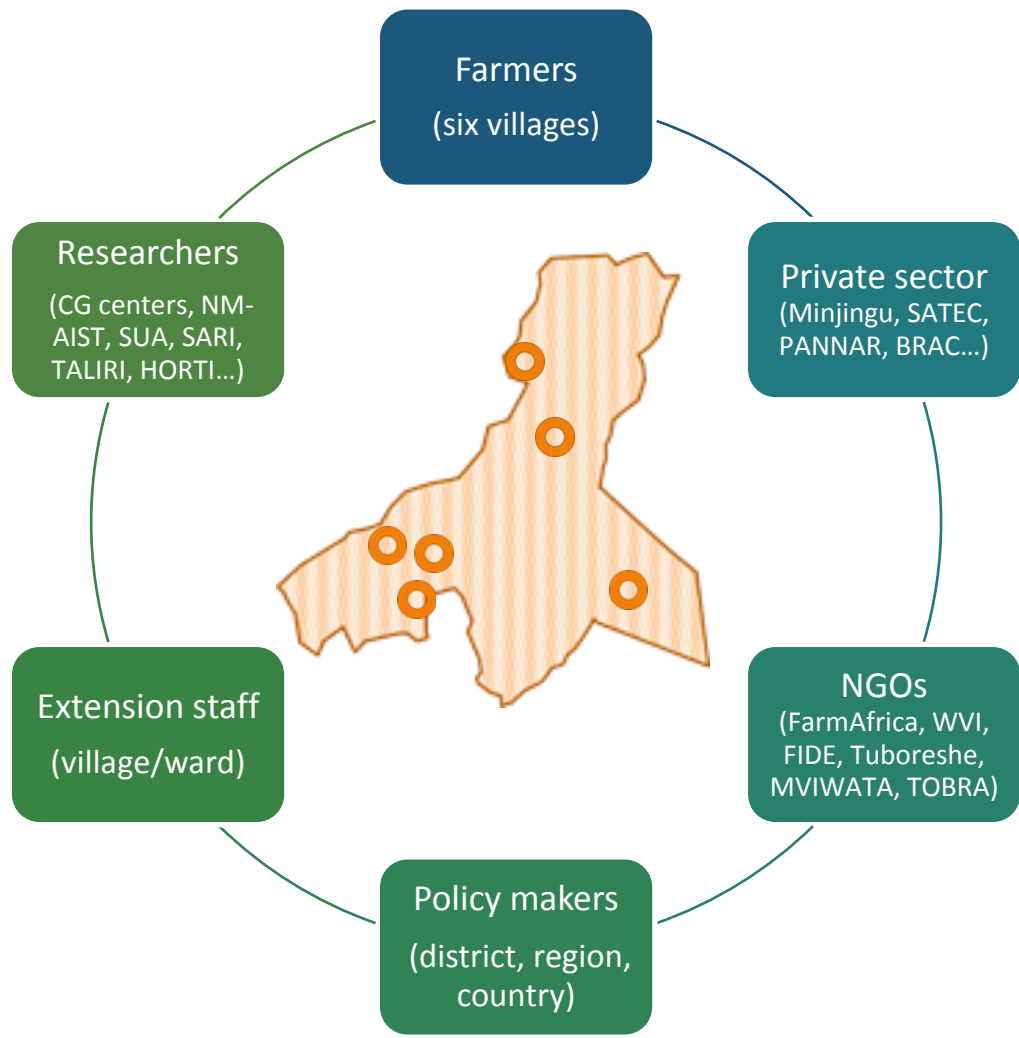
IMPACT: PRODUCTION, INCOME and NUTRITION

Support to improve livelihoods for smallholders, particularly women, is a support to higher productivity, improved health and nutrition status, and good governance



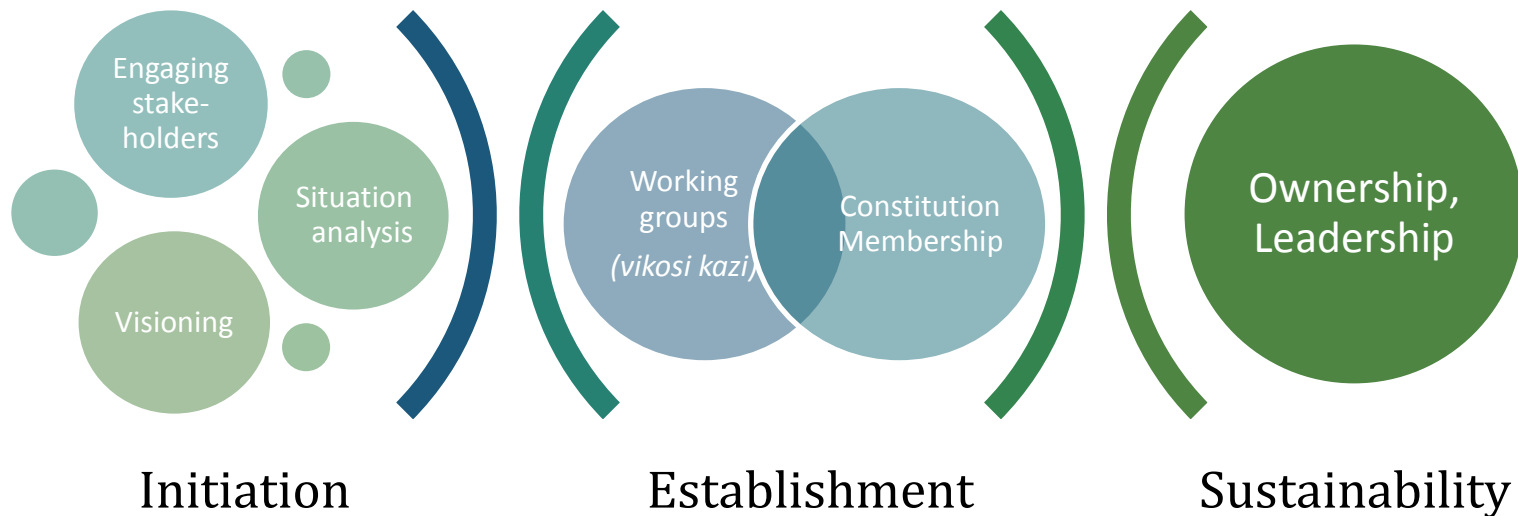


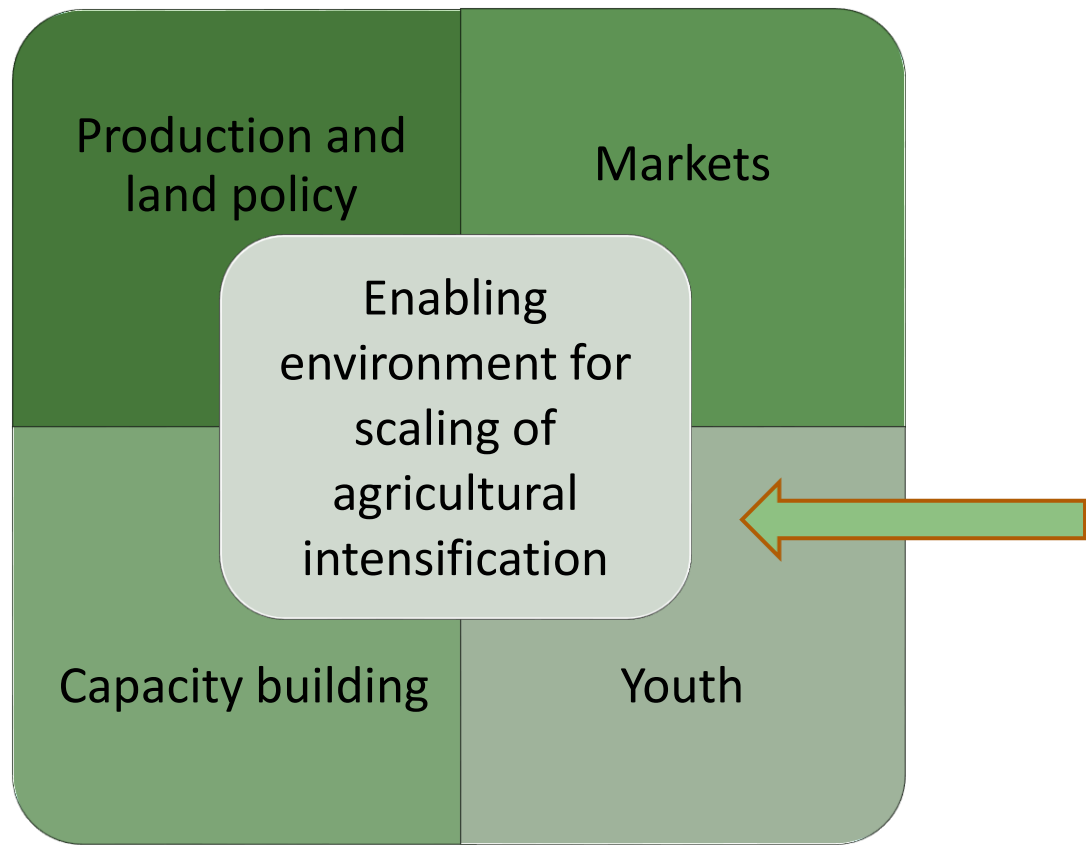
The local innovation system





From stakeholder involvement to sustainability





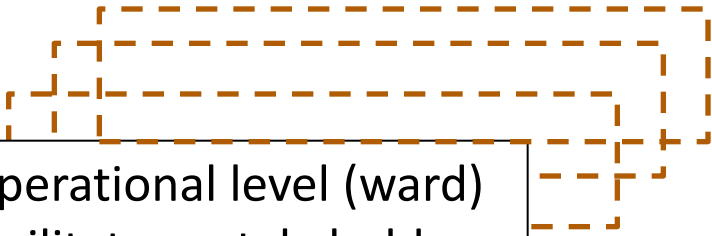
- Africa RISING research themes:
- Crop management efficiency
 - Improved livestock feeds
 - Management of maize lethal necrosis disease
 - Vegetable integration
 - Food storage, value addition and mycotoxin management
 - Institutional cooperation and co-learning
 - Farming systems analyses and impact assessment
 - Economic validation of technologies



Strategic level (district)
Facilitator, stakeholders



Operational level (ward)
Facilitators, stakeholders



Platform support team
PI, Research Coordinator,
Gender, Scaling,
Communication



Partnerships for scaling

- On-farm research
- CGIAR centers
 - Farmers
 - NARS
 - Gov't agencies
 - Universities

Africa RISING

(1000s of farmers)

R4D & Innovation Platforms

Public sector:

- Extension Programs
- School programs
- Media

USAID – supported Development Projects

Private Sector

- Inputs
- Markets
- Media

(10,000s – 100,000s of farmers)



Thank you!



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africa-rising.net

