



TOOLS4SEEDSYSTEMS:

WORKING TOWARDS RESILIENCE THROUGH ROOT,
TUBER AND BANANA CROPS IN HUMANITARIAN SETTINGS

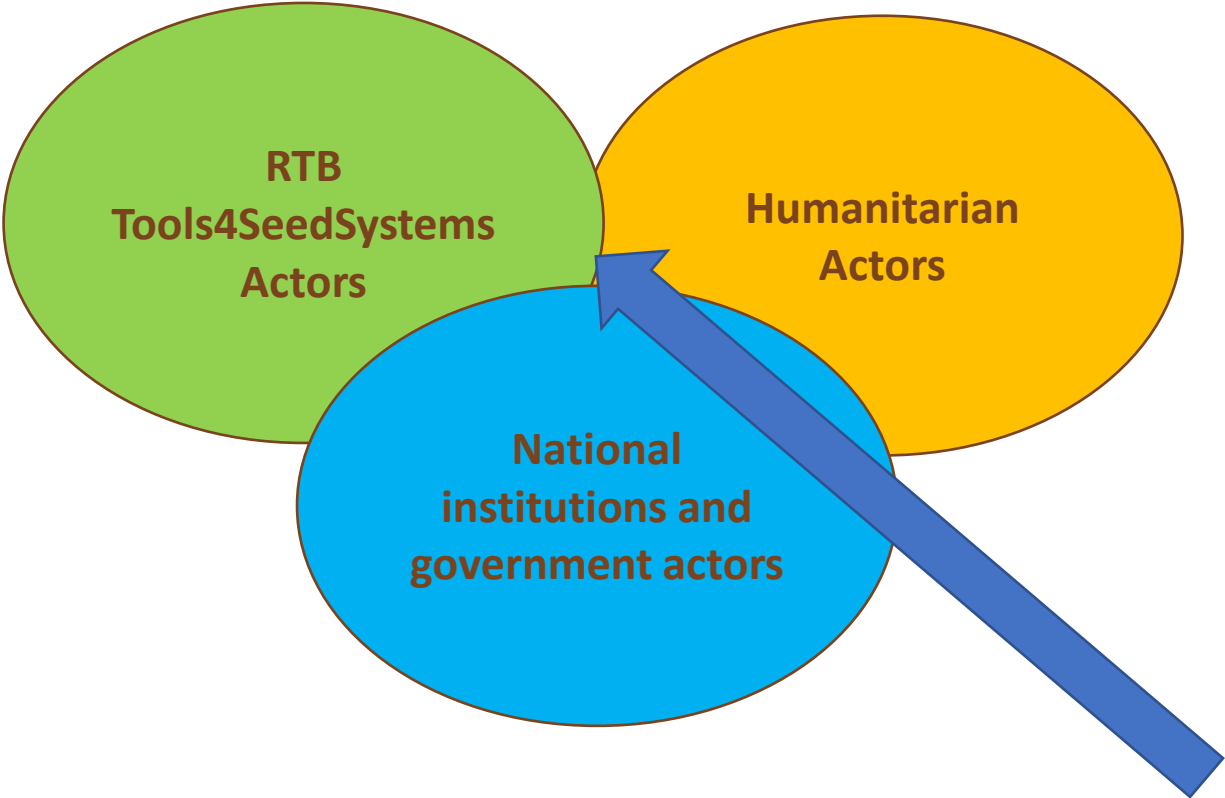
Recap on Purpose & Progress



KWAME OGERO AND THE TOOLS4SEEDSYSTEMS TEAM • DECEMBER 7, 2023



Who are we, and why are we here?



864 M People in Least Developed Countries rely on RTB crops for >10% of daily caloric intake

The vital importance of RTB crops in the One CGIAR portfolio. 2020. Thiele G & Friedman M.

How do we realize the potential contribution of RTBs to build resilience, food and nutrition security in humanitarian settings?

Adapting The RTB Toolbox



Replicable,
open-source,
and backed by science.

- ✓ Gender mainstreamed
- ✓ Description sheet
- ✓ User guide
- ✓ Case study
- ✓ Tool validation in real world contexts
- ✓ Peer-reviewed publication
- ✓ Technical support available

Tools4SeedSystems: working towards resilience through root, tuber and banana crops in *humanitarian settings*

1. STRENGTHEN design of RTB seed activities and due diligence on seed quality assurance processes in procurement of RTB planting materials.

2. INCREASE the timely availability of quality seed of farmer preferred and improved varieties in RTB

3. IMPROVE coordination among seed system actors (formal/informal, public/private) to implement RTB activities in humanitarian contexts- activities funded by USAID BHA.

- **Core countries:** Cameroon and DRC
- **Virtual countries:** Bangladesh, Ethiopia, Haiti, Madagascar, Mozambique
- **Original premise:** strengthen capacity of humanitarian implementing partners to use the RTB Toolbox to design and implement RTB seed interventions
- **First step:** conducted capacity needs assessment – on-line and in-country

Revisited priorities: 4 Gaps identified during CNA

- Knowledge and skills in Rapid Multiplication Techniques (RMTs)
- Seed Regulations – there is a need to adapt to be more applicable for humanitarian settings – e.g., QDS type.
- Rapid, low-cost diagnostics for seed borne diseases.
- Improved availability and access to information about RTB crop varieties – e.g., catalogues for RTB crops



Some highlights on progress

- ToT for plantain and sweetpotato seed entrepreneurship in Cameroon (June & Nov 2023).
- Establishment of sweetpotato rapid multiplication plots in DRC.
- Sweetpotato seed systems assessment in Haiti using the multistakeholder framework.
- Validation of Rapid Risk and Mitigation (R2M) tool to assess risks of invasive crop pests and pathogens in humanitarian settings in Ethiopia.



Agenda for today

- Sharing experiences from Cameroon, DRC and Haiti
 - Progress, challenges & key lessons
- Questions to reflect on:
 1. What are the key experiences and learnings that you have heard today?
 2. What learning and suggestions do you have to ensure success in the future ?



The RTB Toolbox: [Tools4SeedSystems](#) website



Welcome to the website on seed systems of banana, cassava, potato, sweetpotato, and yam—roots, tubers, and bananas.

Here you will find tools to help you study and improve these important, yet challenging seed systems. The tools in this toolbox include methods, models, approaches, and information and

- **Upgrade and French version in process**
- **Tools & manuals adapted to humanitarian settings to be added**



Thank you

