



Building resilience with trees, Tanzania -part of the global FO-RI programme

- The main goal of the action is to foster a transition towards resilient, productive and sustainable agroecological food systems through farmer-led innovation and research.
- Farmers organisations lead 13 Action Research initiatives in 17 countries around the world and advocacy actions at regional level in five zones.

In Africa (Burkina Faso, Mali, Senegal, Cameroon, Burundi, RDC, Madagascar, Tanzania), in Asia (Philippines), in the Pacific (Fidji, Cook Islands, Solomon Islands, Papua New Guinea, Tonga), in the Caribbean (Haiti) and in Latin America (Brazil et Uruguay).

### **ACTION-RESEARCH**

# Building resilience with trees: climate proofing of services provision by local farmer organisations in Tanzania

### Overall objective

Improving the capacities of local FOs to provide services to their members concerning tree plantations and key tree crops as well as climate proofing those services.

### Context

The initiative targets a set of four constraints which include limited capacities and capabilities related to (1) access to adequate germplasm material for tree plantations and tree crops, (2) management of planting material (3) silvicultural management to improve/maintain yields, and (4) income alternatives to improve land profitability in tree crops plantations. It proposes four innovations as well to address the constraints.

### Target

Approximately 8 000 tree growers and fruit tree farmers (avocados and Macadamia) in two regions of the Tanzanian Southern Highlands of which 1/3 are women.

### **Monitoring system**

Extension staff from NADO and TTGAU are responsible for the monitoring of local experiments. The Sokoine University of Agriculture and FFD will participate in field visits to support local FOs in data collection and analysis of results. Periodic coordination and reporting of activities among partners ensure the smoot implementation of activities.

### Main implementing partners









### TTGAU

Member-based organization established in 2017 to promote the interests of tree-growers' associations (TGAs). It covers 136 tree-growers' associations combining more than 9,000 members (1/3 women).

TTGAU is collaborating with international Agro-Agencies (AGs) such as WeEffect and FFD as well as international development projects (PFP & PFP2, Finland). With these collaborators, TTGAU is strengthening the organisational capacity of member TGAs on inclusiveness, resilient practices, and climate advocacy.

### NADO

Member based organization registered in 2008 which includes 60 wards combining more than 16 000 members. Of this membership, 7 300 members (1/4 of them women) have tree-crops systems.

NADO works with FFD and other partners to support potato production and marketing; now it aims at supporting farmers

to introduce conservation agricultural practices such as agroforestry as well as improve the resilience of members by improving the provision of technical services.

### SUA

The College, located in Morogoro, is the main research centre for forestry and agriculture production in Tanzania. The College has several research projects related to agroforestry systems and the management of tree plantations.

### FFD

Nowadays, FFD's actions targeting land-based livelihoods, climate action (both for adaptation and mitigation), and inclusiveness are designed to support the implementation of SDGs and the Agenda 2030.

With AgriCord, FFD has developed the Building Resilience Tools. The first Tool has been implemented in Asia, Africa, and Latin America, while the second Tools is in the final stages of development.



### Intervention logic and expected results

Improving the capacities of local FOs to provide services to their members concerning tree plantations and key tree crops as well as climate proofing those services.



Methods and experiences among local FOs co-created to conduct relevant research experimentation at the farm level

# SHARING RESULT & ADVOCACY - Organise peer-to-peer sharing of experiences for farmers - Co-develop learning/extension material - Participating in events presenting & advocating the results of the project MONITORING AND PERIODICAL ASSESSMENT OF EXPERIMENTS - Technical advice & review of monitoring activities - Monthly visits to experimental sites - Provide training to farmers - Monthly visits to experimental sites - Provide training to farmers - Data collection by MSc student - Support the evaluation of results - Support the evaluation of results - Select research priorities with farmers - Select experimental areas and establish - experimental plots - ToTs on the Building Resilience Toolkit - Eight consultation workshops - Almost 300 farmers consulted

PROBLEM: Improving capacities for sustainable climate-resilient crop production intensification and diversification, is often hindered by complex "technology-creation/transfer" processes.

**TTGAU** 

### Areas of intervention

AA: FFD

Five districts located in the regions of Njombe and Iringa, Southern Highlands, Tanzania





**NADO** 



### Starting date and duration

Contacts

The project started in 2022 and lasts 48 months.

### Budget

€ 400.638

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# AgriCord

Technical and financial partners





