



Education and Training for Sustainable  
Agriculture and Nutrition in East Africa

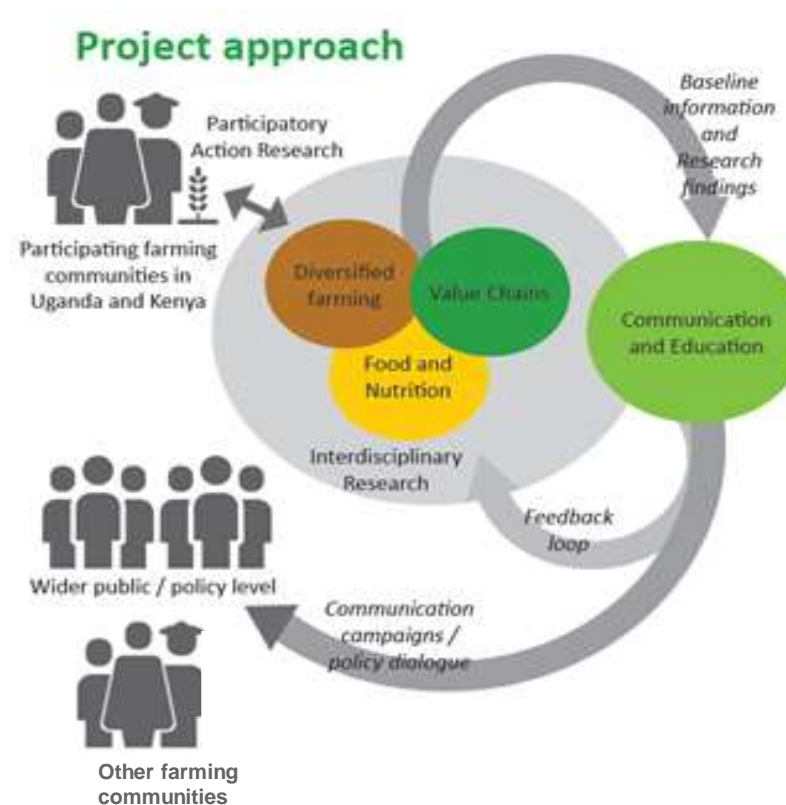
**Education and Training for  
Sustainable Agriculture and  
Nutrition in East Africa  
(EaTSANE):  
Innovations and Outputs**

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# Outputs of EaTSANE

- **EaTSANE Practice Guides** for decision makers, extension workers and advisors
- **Happy Family Board Game** to show interrelation of household decision-making in agriculture, nutrition and value chains
- **Scientific publications** for outreach of research findings regarding diversified farming, food and nutrition and value chains and communication strategies



# Research and Innovations in WP1

Enabling farm families to produce nutrient-rich crops by using novel farm management practices to increase the quantity of nutrient-rich foods for both food security and income generation.

- Testing cropping systems to **increase agrobiodiversity, and soil fertility** – Three Strata Food System, improved fallow with crop rotation
- **Three Sisters System** – maize, climbing bean and pumpkin intercrop
- **Vertical Garden Systems** – expansion for the home garden, tested in schools
- **Farmer Trainings** – Farmer and school children training on TSFS, three sisters, and vertical garden systems



# WP2 – Action research on value chains

## Research:

### Research studies (MSc and BSc theses)

Nutrition-sensitive value chains: understanding local market dynamics in comparative perspective

Food losses in nightshade and bush bean value chains

Women's participation in marketing in nightshade and climbing bean value chains

Gender relations in the finger millet value chain

Food losses in millet, nightshade and cowpea value chain

Farmer adoption and investments in the production of nutrient-dense crops in Kapchorwa region

Food choice and gender consumption gap within a household

## Action:

**Value chain platforms** in Kenya and Uganda with local value chain actors to find “local solutions for local problems”



# WP3 - Trials of Improved Practices

- Training and evaluation of the implementation of **improved nutrition practices** in households in Kenya and Uganda
- Construction and use of **solar dryers**
- Participatory **cooking sessions** and preference trials (sensory tests)
- Study of **perceived attitudes and experiences** towards improved practices



EaTSANE Website:  
[www.eatsane.info](http://www.eatsane.info)



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