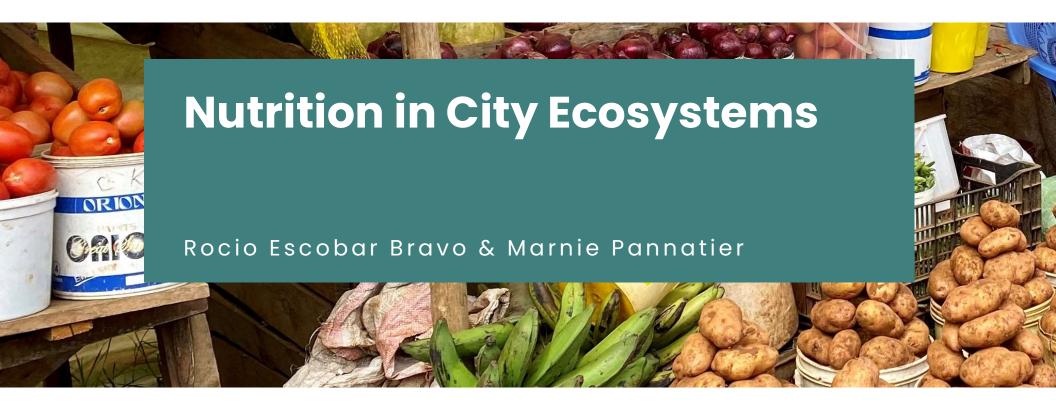


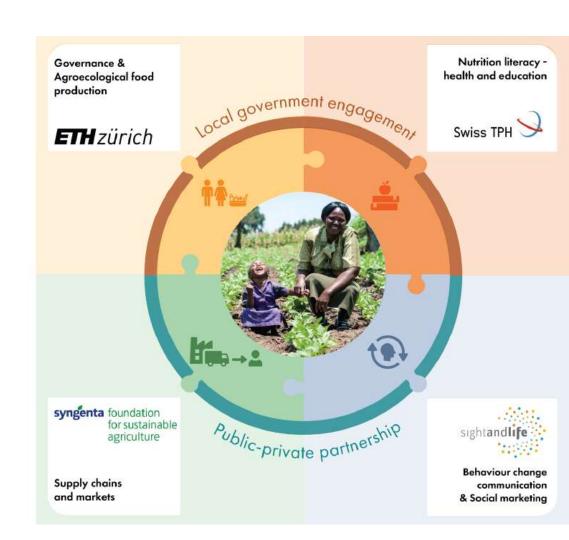
Swiss Agency for Development and Cooperation SDC

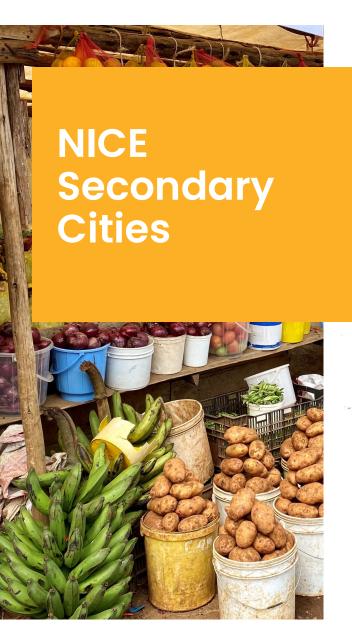


Partnering across the food value chain

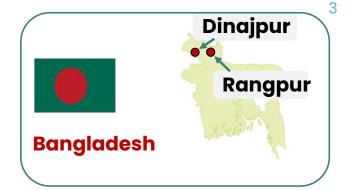
Goal: Improve **health and nutrition** & **reduce poverty** for populations of city regions, especially women, youth & vulnerable groups

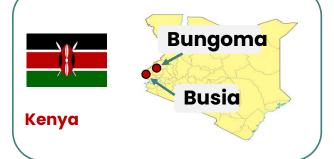
- GOVERNANCE: Women and youth are involved in urban governance structures that incentivize food systems for improved nutrition
- 2. <u>SUPPLY</u>: City populations enjoy the enhanced availability and production of affordable, healthy, diverse, agroecologically produced local foods
- DEMAND: City population's knowledge increases, and demand is created for the consumption of nutritious and agroecologically produced foods
- SCALE UP: City-knowledge hubs ensure horizontal and vertical exchange, thereby shaping urbanrural food environments and informing national and global policies



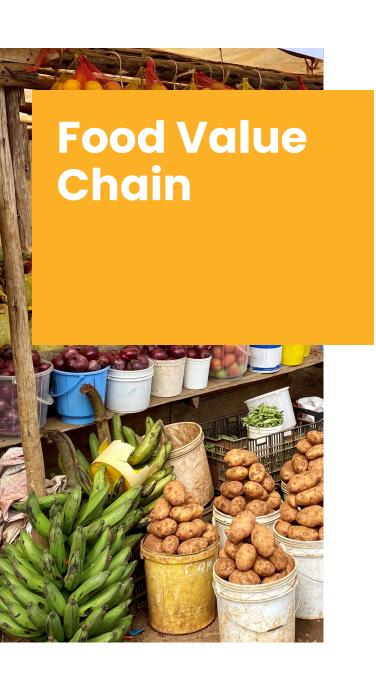












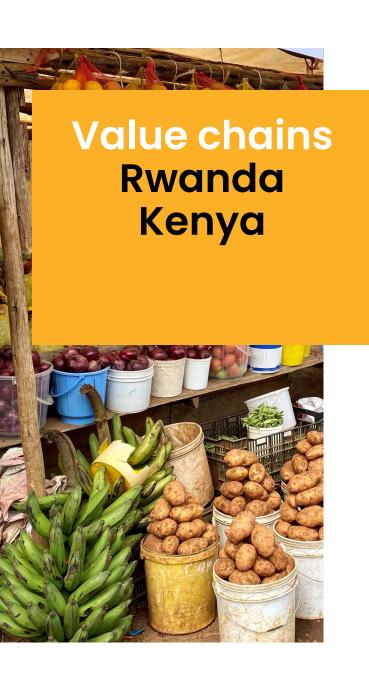
City population enjoy the enhanced availability and production of affordable, healthy, diverse and agro-ecologically produced local foods

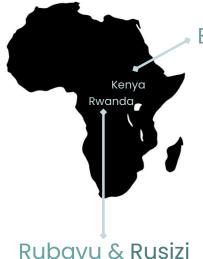
- Better knowledge about farming system and value chains through agroecological projects
- More urban and peri-urban women and youth in production and post-harvest value added activities
- Access to output market is increased

- Guideline based on the framework on nutritionsensitive value chains developed by IFAD
- Local stakeholders: government, women and youth group, farmers representative, agroecological, value chain and nutrition experts
- Selection criteria:
 - Government buy-in
 - Nutrition-improvement potential
 - Production feasibility
 - Market potential
 - Income generation
 - Agroecology potential
 - Consumers buy-in



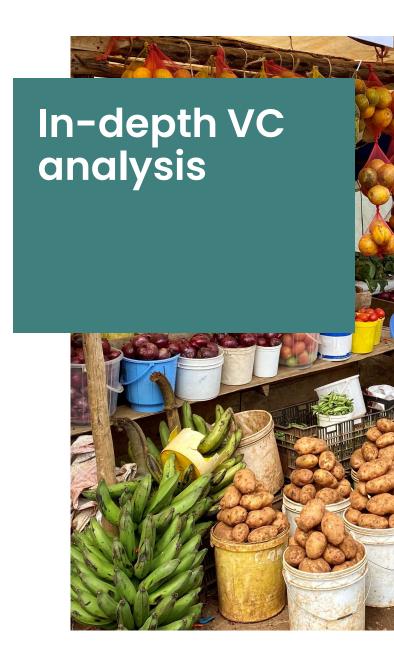






- Bungoma & Busia
 - ✓ African leaf vegetables
 - ✓ Indigenous poutry
 - √ Groundnuts
 - ✓ African leaf vegetables
 - ✓ Orange fleshed sweet potato
 - ✓ Indigenous poultry
- ✓ Cabbage, onion, carrot
- √ Egg/Poultry
- √ Fish
- ✓ Tomato

- 1. VC mapping and characterization
- 2. Understanding the constraints and opportunities on the supply side of the VC
- 3. Understanding the constraints and opportunities related to nutrition value
- 4. Understand the constraints and opportunities on the demand side of the VC



SHARP

Self-evaluation and Holistic Assessment of climate

Resilience of farmers and Pastoralists from the FAO

GOAL OF THE ORIGINAL TOOL

To assess the resilience to identify the vulnerabilities in social-ecological systems (SES) so that action can be taken to create a more sustainable future for people and land

LINK WITH AGROECOLOGY

Based on 13 agroecosystem indicators with particular

focus on the prevalence of existing **knowledge**Project name

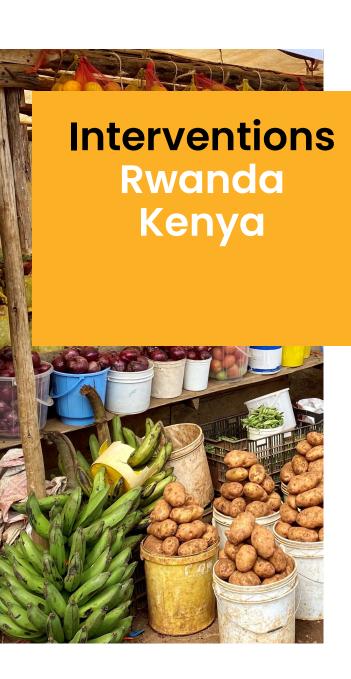
systems generated by food system practitioners



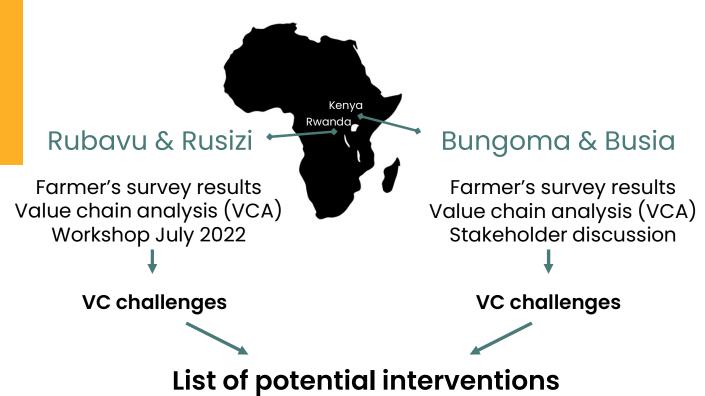
Better knowledge about farming system and value chains through agroecological projects

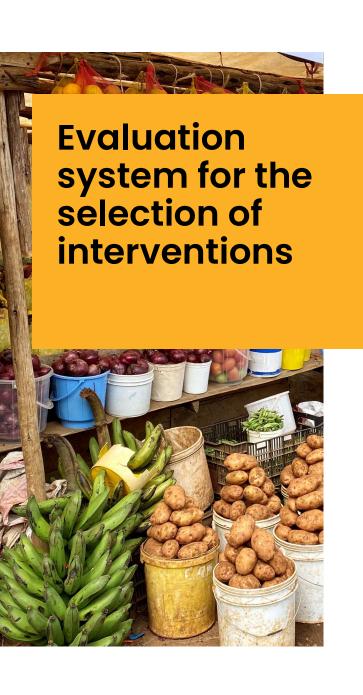
- Technical workshop for value chains selection
- Conduct in-depth value chains analysis
- Farmers' survey (SHARP)
- Identification of interventions





Participatory Intervention decision-making





1. Alignment with agroecological FAO elements





2. Impact on resilience scores



3. Impact on nutrition 💍 👋 💢



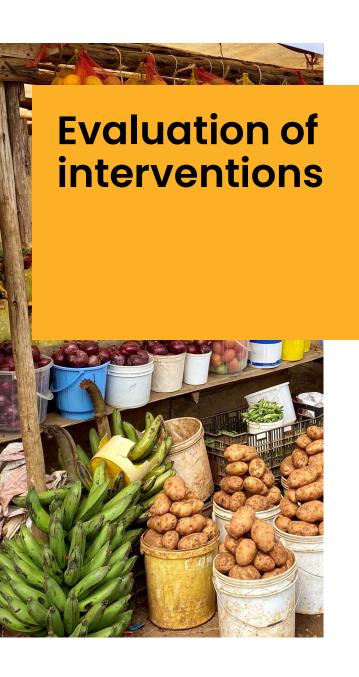




4. Feasibility





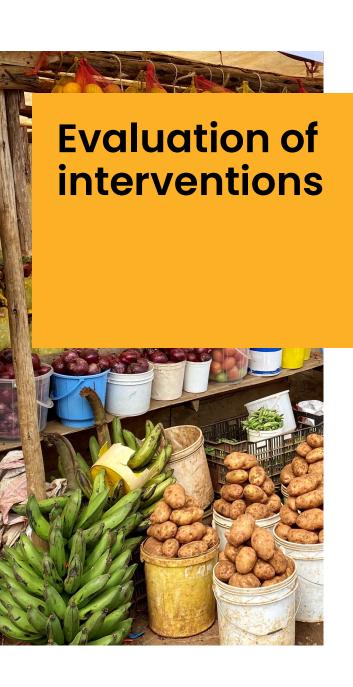




1. Alignment with agroecological FAO elements

- Culture and food traditions
- 2. Diversity
- 3. Efficiency
- 4. Recycling
- 5. Resilience

Selection of interventions aligning with at least 3 or more elements



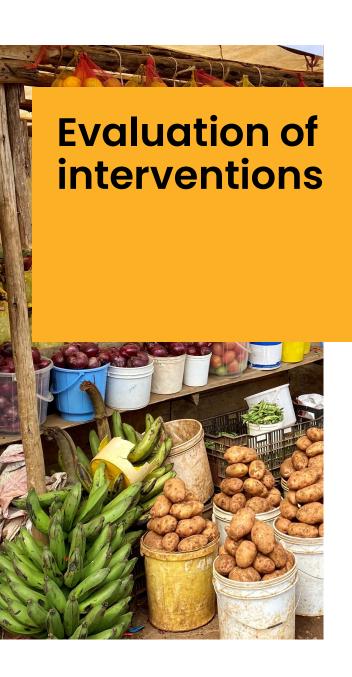
2. Impact on resilience scores from Farmer's survey (SHARP)

Example

Technical advice and/or training on erosion control through the application of agroforestry







Score 1

Number of resilience modules that can benefit from the intervention

Example of resilience modules in SHARP

Disturbances

Income sources, expenditures, and savings

Non-farm income generating activities

Land access

Utilization of new and adapted varieties

Animal production practices

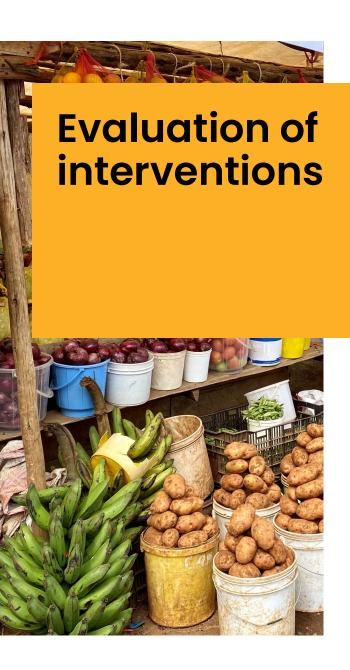
Water conservation practices and techniques

Water access

Crop production

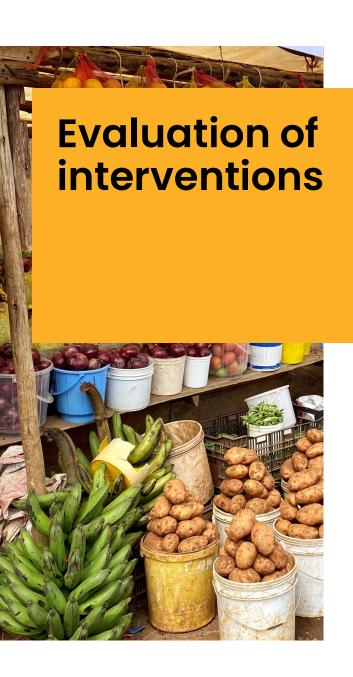
Landscape characteristics

Trees



Score 2 Number of resilience modules with lowest scores that can benefit from the intervention

Example of Resilience modules	Score
Disturbances	6.6
Income sources, expenditures, and savings	6.8
Non-farm income generating activities	7.2
Land access	7.5
Utilization of new and adapted varieties	7.5
Animal production practices	7.6
Water conservation practices and techniques	7.9
Resilience scores < 8 = Very low farmer resilience	
Landscape characteristics	8.9
Trees	8.9



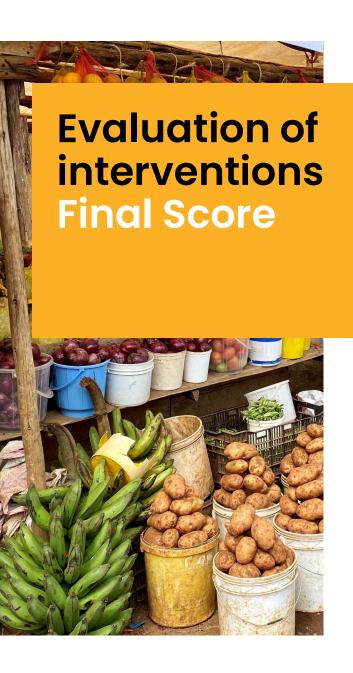


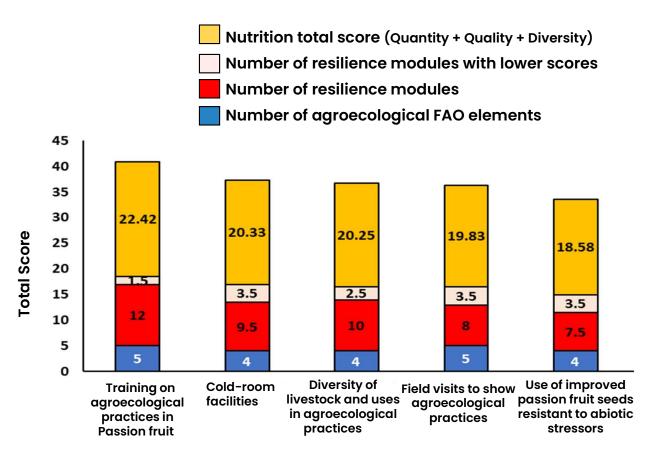
3. Impact on Nutrition

- 1. Quantity of Calories
- 2. Nutrional quality
- 3. Diet diversity

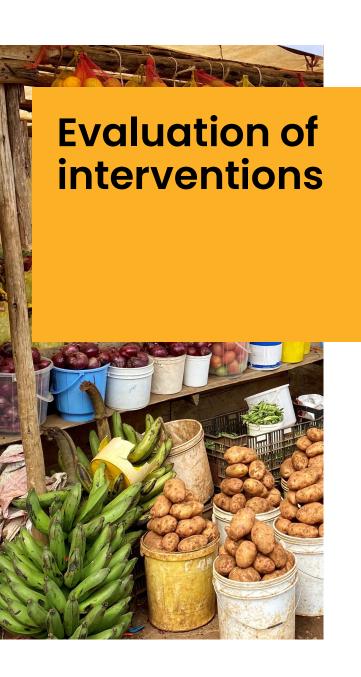
Scoring system: From 0-5. Potential to positively impact a nutrition component

Total nutrition score: Sum of individual scores





Prioritization of interventions based on **Total score**





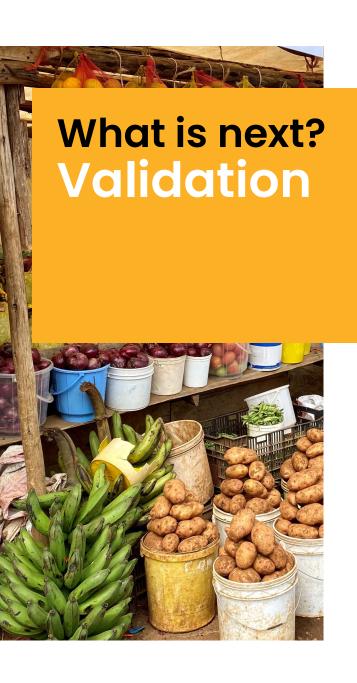


4. Feasibility

- Technically
- Financially

Evaluation: Experts from the cities and project manager

Outcome: Elaboration of a Final list



Participatory Workshops

- Lead farmers
- Country managers
- City coordinators
- Facilitators
- Open discussion
- Selection of interventions (~80 % of the final list)

Next step

Implementation in 2023 in coordination with country managers and local experts







Swiss Agency for Development and Cooperation SDC







syngenta foundation for sustainable agriculture

Incremental

Level 5: Rebuild the global food system so that it is sustainable and equitable for all

Level 4: Re-establish connections between growers and eaters, develop alternative food networks



Level 2: Substitute alternative practices and inputs

Level 1: Increase efficiency of industrial inputs

Level 0: No agroecological integration

FOOD SYSTEM LEVEL

AGROECOSYSTEM LEVELS





Human and

Social Value



Culture and Food **Traditions**



Responsible

Governance

Circular Economy



Diversity



Synergies



Resilience



SHARP Resilience modules



Recycling



Efficiency

Adapted from Biovision 21