



SDC – Nutrition in City Ecosystems (NICE) Project

Phase I: 2021-2025

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Problematic

Malnutrition

- Suboptimal diet
- 1/3 of global malnutrition
- Over 2 billion people do not have access to **sufficient safe and nutritious**
- **COVID 19**

Urbanization

- **Secondary cities** rather than in mega-cities

Sustainability

- Food systems
- greenhouse gas emission globally
- over-use the natural resources
- pollute water, soil and air
- loss of biodiversity
- 12 plant species and 5 animal species
- **75 percent** of all human food

Poverty

- **Women and youth**
- sustainable food system
- food security and healthy nutrition

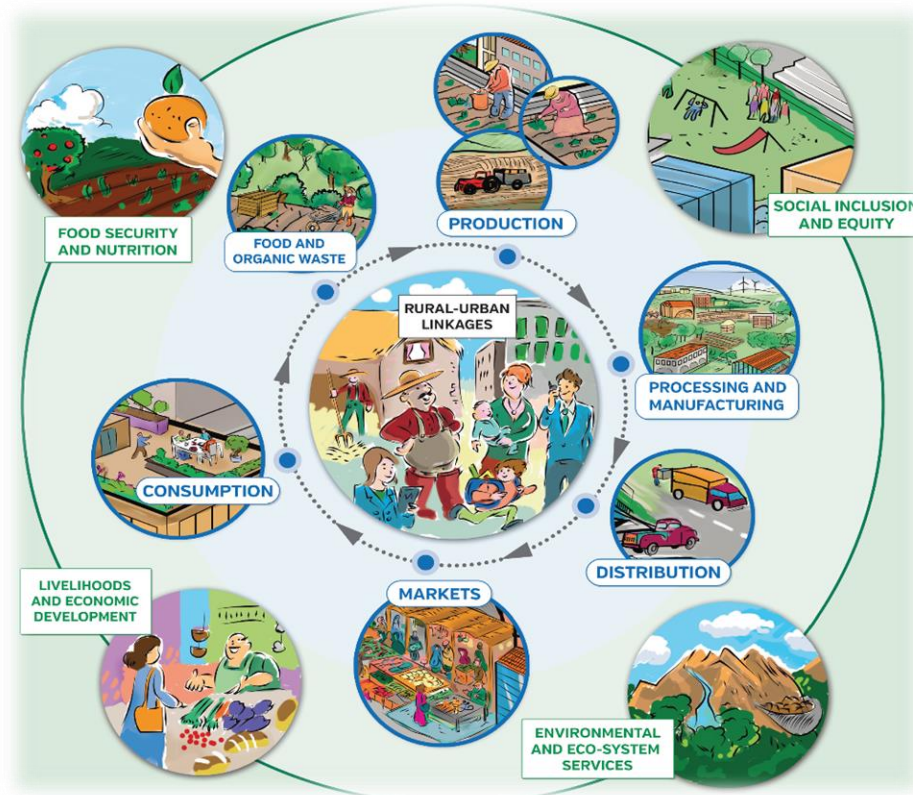
Project Goal

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

Project's Vision

City governments, private sector and civil society *improve food systems governance*, collaborate across sectors, and mobilise resources for nutrition (Outcome 1)

learnings and best practices are disseminated
an active *scale up strategy* is pursued (Outcome 4)



Farmers and food producers, local enterprises and start-ups along the value chain, encourage the *entrepreneurship of women and youth* (Outcome 2)

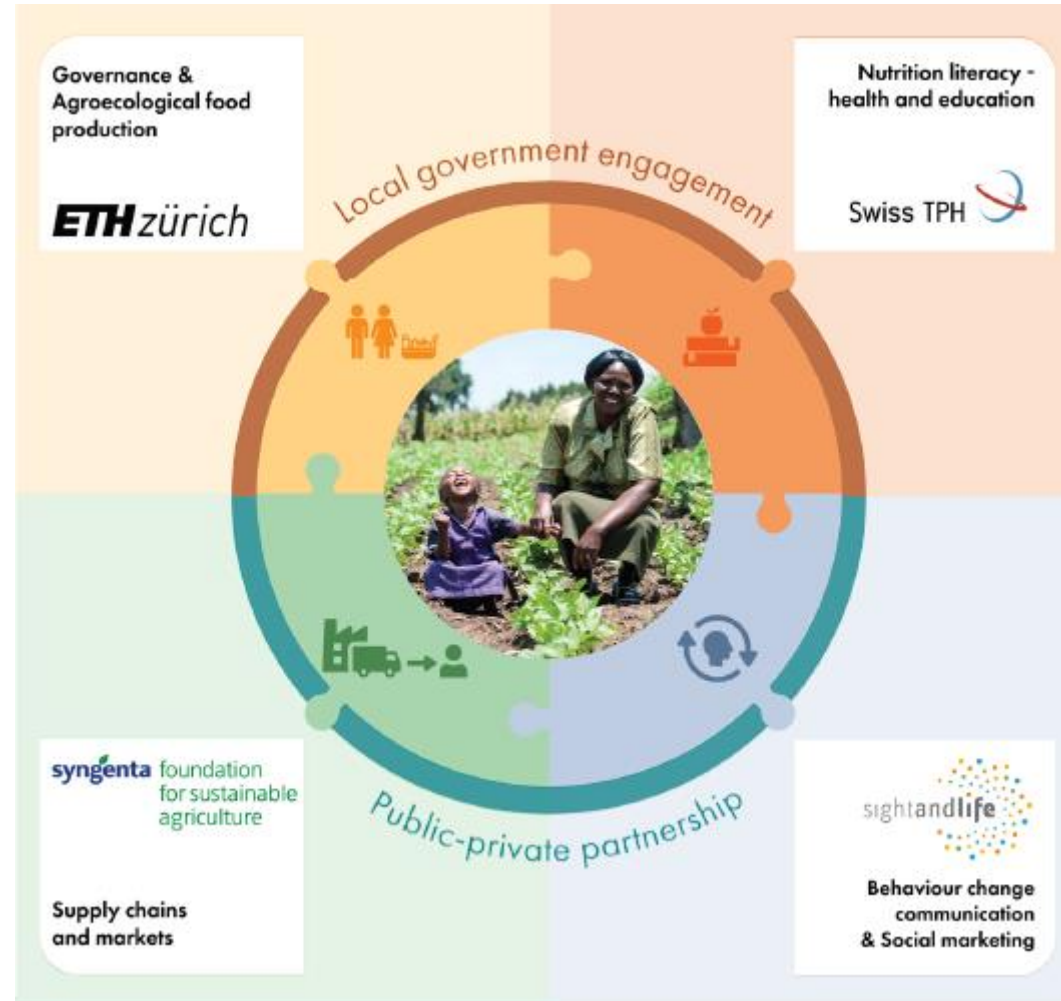
Increasing the supply of local, safe, nutritious, diverse and affordable food to *city markets* (Outcome 2)

Populations: demand and access an *affordable healthy diet* (Outcome 3)

SDC launched the call for proposal and co-finances the project

- Agroecology
- Food systems
- City region resilience
- Evidence and policy

- Agriculture
- Agribusiness
- Value chains and market
- building capacity across public and private sectors



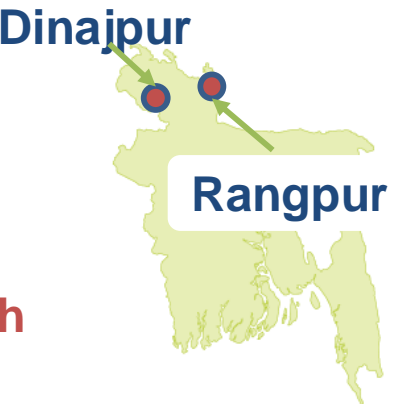
- Public health
- Governance
- Monitoring and evaluation

- Building public private partnerships (PPPs)
- Nutrition
- Behavior change communication
- Advocacy




World Food Programme HQ endorsed our proposal and exchange to define collaboration areas is in process in all 3 countries

3 countries, 6 Cities



Dinajpur

Rangpur



Bangladesh




Rubavu

Rusizi




Rwanda



Bungoma

Busia




Kenya

City Overview on Food and Nutrition in Busia City, Kenya



May 2021

As part of the SDC funded «Nutrition in City Ecosystems» (NICE) project

30% of Busia City is the urban centre, 70% is peri-urban and rural in nature*

Busia County

Busia City-region

The average household size in Bungoma County is 4.5*

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In 2018*	Busia City	Busia County
Population size	142,438	886,306
Total surface area	21,8 km ²	1,616 km ²
Population density	2,533 persons per km ²	527 persons per km ²

Busia City also referred to as Busia City, is a city bordering with Uganda and part of Busia County, which falls within the Lake Victoria Basin. Busia County is one of the 47 counties of Kenya. The economy of Busia City relies primarily on agriculture, fishing and trade.

The climate of Busia County is fairly moist (760 to 1,750 mm of precipitation annually) with a quite consistent temperature throughout the year (21-23°C). The northern areas have higher precipitation rates than the southern areas, close to Lake Kivu, and in the first half of the year (from January to June) there is a slightly greater amount of precipitation than in the second half (July-December)**.

Households in Busia County currently getting their water from*

2017

- A piped and protected water system: 76%
- Rivers and spring: 12.7%
- Unprotected shallow wells: 10%
- Lake or earth pans

2014

- Households in Busia County
- Owning toilets: 64%
- Sharing toilets: 28%
- Practicing open defecation: 8%

In Busia County:

Local tribes: Teso, Luhya, Luo, Kikuyu, Somali, Kisii and other Kenyan communities**
 Main languages: English, Kiswahili, Teso, Luhya**
 Dominant religion: Christianity**

Health

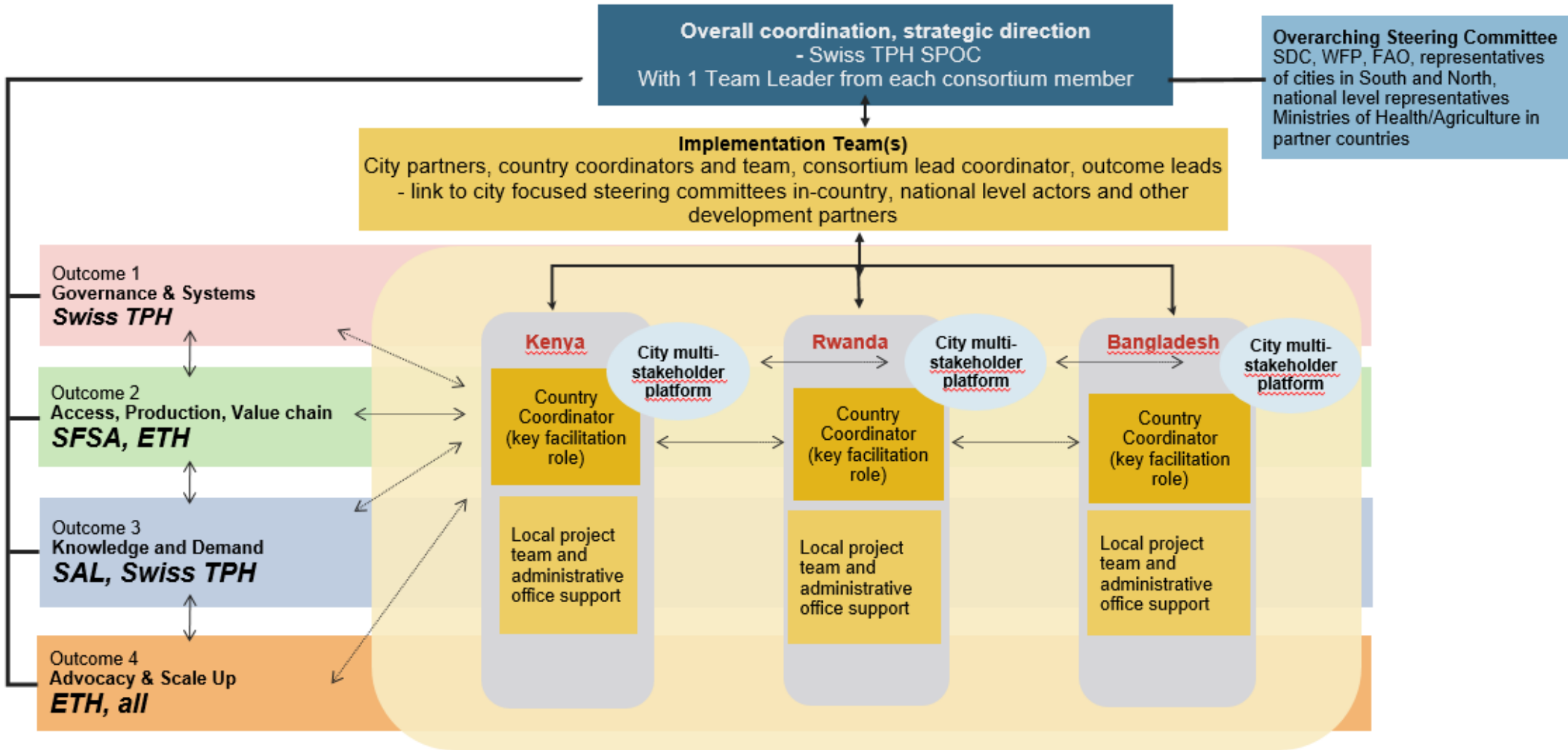
Stunting: 22% (2014)**
 Malnourishment (children <5 years): 31% (2018)*
 Underweight (children <5 years): 9.5% (2014)*
 Stunted (children <5 years): 26.5% (2018)**
 Obesity: 1.7% (2017/2018)**
 Hypertension: 33.6% (2017/2018)**
 Anaemia in women of reproductive age: 41.6% (2018)*

The Kenya mortality study, March 2018 cited **iron deficiency anaemia among the top ten causes of morbidity in Busia County being rated at number 4 at 6.8 % against the national 3.3%***

*The food system in the city-region of Busia in Kenya

➔ Identification of value chains and of local Partners

Project implementation



Inception phase – January-June 2021

- Stakeholder mapping
- Consultative workshops with city stakeholders
- Context assessment
- Peer learning event between cities to further validate the data
- Primary data focused on the cities themselves to furnish the logframe baseline

Implementation Phase I: +/-August 2021-July 2025