



Food Smart City Development in Arusha

How to incentivize sustainable practices at farm and trader levels

rikolto
VECO

Presentation Outline

- Why a Food Smart City (FSC) Cluster?
- Rikolto's FSC Cluster
- The pilots
- Learning Exchange and Policy Development
- Next steps and call for collaborations



1. Why a Food Smart City Cluster?

- Demand for food set to increase by over 60% in next 40 years
- The World is urbanising - 70% of people expected to live in urban areas by 2050
- The **Milan Urban Food Policy Pact** was signed in 2015 by more than 100 cities (now including Arusha)
- UNEP and FAO launched a 10-year Sustainable Food Systems Program in 2015
- Rikolto changes focus from “better returns for farmers” to “**what will we eat tomorrow**”



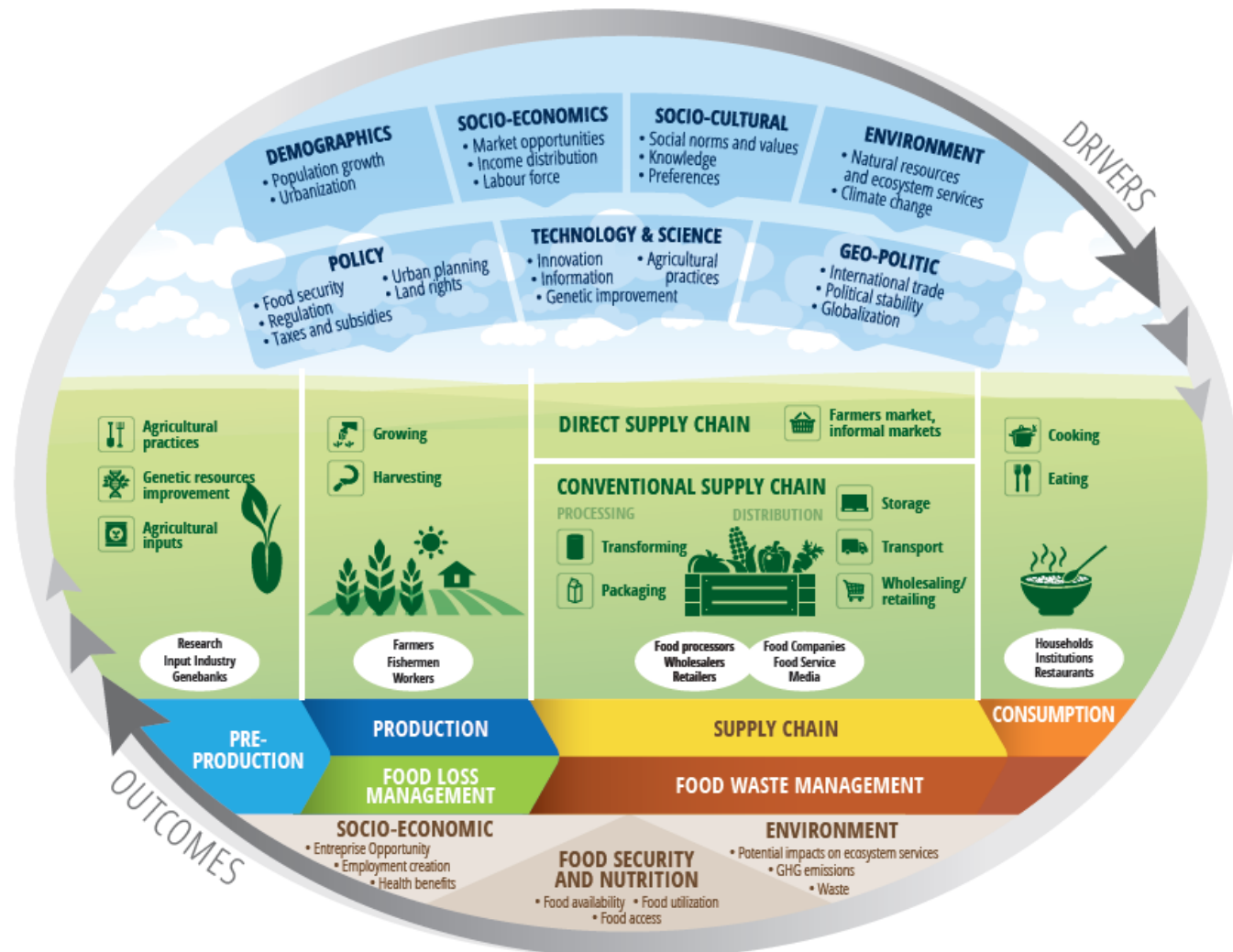
Sustainable food systems

Sustainable Food Systems are those food systems with low environmental impacts, that contribute to food and nutrition security and to healthy diets for present and future generations and that generate employment and income opportunities for the poor.

Sustainable food systems are protective and respectful of biodiversity and ecosystems, as well as human well-being. They provide culturally acceptable, economically fair, affordable, nutritionally adequate, safe and healthy foods in a way that balances agro-ecosystem integrity and social welfare

CIAT, 2017





Food Smart Cities



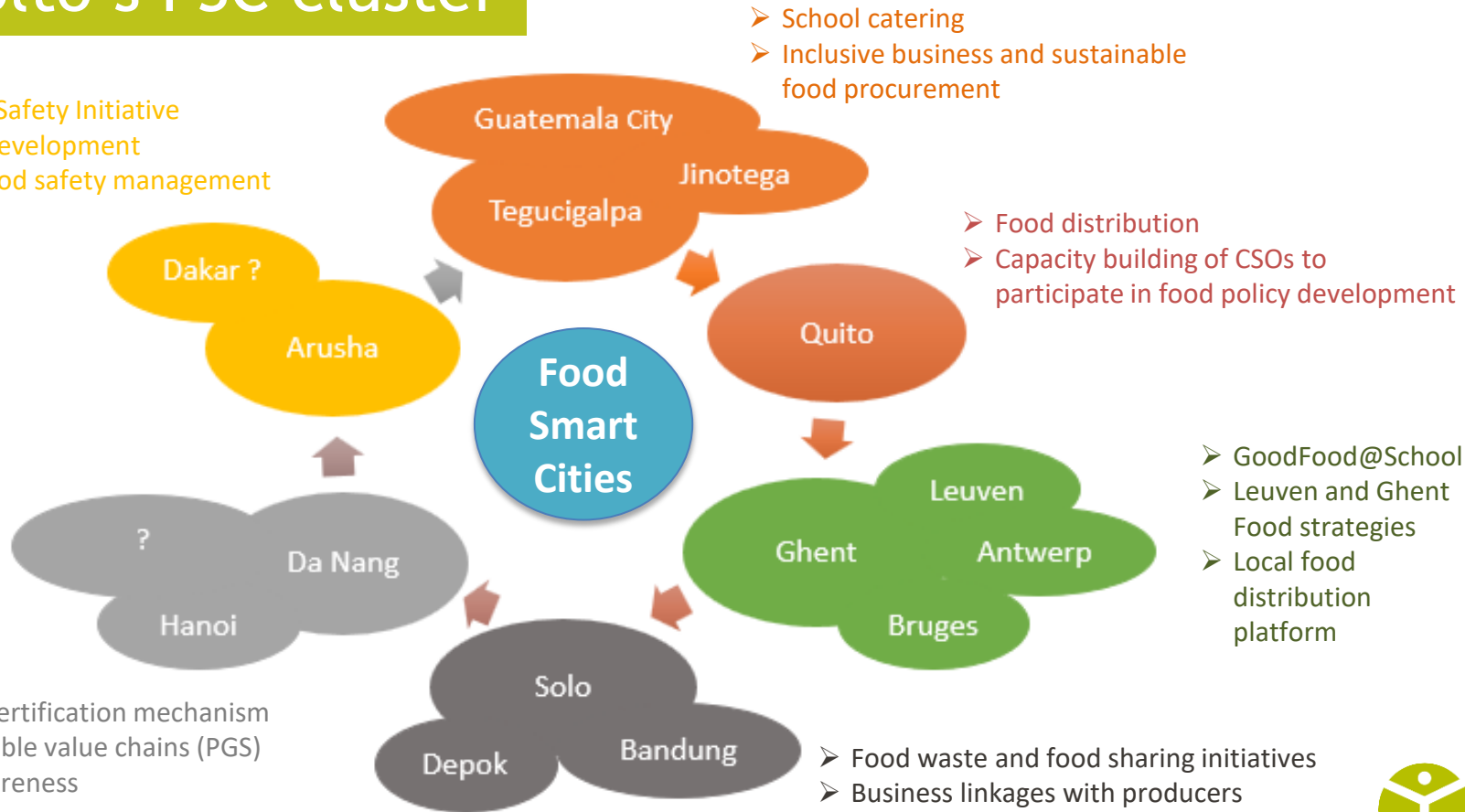
Feeding our booming cities

By 2050 the global population will surpass 9 billion people. 3 out of 4 people are expected to live in cities (today, it's 1 out of 2). If we want to feed this growing urban population in a healthy and sustainable way, we need to connect urban food markets more closely to farmers. Together with cities around the world, we implement policies and practices that benefit producers and consumers alike, with respect for our planet.

2. Rikolto's FSC cluster

- Arusha Food Safety Initiative
- Food policy development
- Risk-based food safety management


- Participatory certification mechanism for safe vegetable value chains (PGS)
- Consumer awareness



Five priority areas



A three-tier approach



Level 1: pilot level: to develop and disseminate innovative and scalable practices

Level 2: city to city learning cycle: Facilitate sharing of experience and peer to peer learning among cities

Level 3: international agenda: Contribute to international platforms for cities, especially the Milan Plan for Action, the new Urban Agenda and the SDGs



A man with short dark hair, wearing a red t-shirt with a graphic, is sitting in a lush green field. He is holding two heads of broccoli in his hands. The background is filled with various green plants and trees, suggesting a rural or agricultural setting. A semi-transparent yellow banner is overlaid across the middle of the image.

The pilots

What has been achieved 2014 to 2018

- Support to over 20,000 farmers in horticulture and grains value chains
- Strategic partnerships with TAHA, EAGC, KATRIN and COLEACP on Quality Management Systems
- Agribusiness cluster development in Arusha, Kilimanjaro and Manyara Regions - pulses, rice and horticulture
- Irrigation finance pilots in Pangani basin



Arusha Safe Food Platform

Participatory and Multi stakeholder approach:

- Government - ACC, TFDA, TRPI, TBS
- Research - TPRI, Universities
- Private sector - TAHA, Input Suppliers, Cooperatives
- Traders - Municipal markets, suppliers, wholesalers, retailers including supermarkets
- NGOs and Investors



Role of Arusha City Council in Safe Food Initiative

- Lead the initiative as the Authority responsible for the health of its Citizens (**Food Safety Risk Manager**)
- Convene a multi-stakeholder platform on Food Safety
- Work with stakeholders to assess the food safety risks in Arusha City and the supply chains to Arusha
- Work with stakeholders to communicate about the nature and effects of specific food safety risks
- Work with stakeholders to control/manage the food safety risks that are within the mandate of Arusha City Council

Next steps - Deep dive into Food Control System

1. Establishing goals and context (i.e. the risk environment)
2. Identifying risks (Chemical, Heavy Metal, Physical and Biological)
3. Analyzing the identified risks
4. Assessing or evaluating the risks
5. Controlling / managing the risks
6. Monitoring and reviewing the risks and the risk environment regularly, and
7. Continuously communicating, consulting with stakeholders and reporting



A group of seven people, four men and three women, are standing in a row indoors. From left to right: a man in a dark suit and striped shirt, a woman in a pink dress, a woman in a colorful patterned dress, a woman in a black dress with a white floral cardigan, a woman in a red dress with a black top, a woman in a white floral top, and a man in a blue shirt and red pants. Two flags are visible in the background. A green banner with white text is overlaid on the left side of the image.

Learning exchanges



Main outcomes

- Improved **Food Systems Knowledge** in both Antananarivo & Arusha facilitated by visiting cities initiatives
- Investment in a **new relationship** between Arusha City Council and Commune Urbaine d'Antananarivo, which both cities are keen to take forward
- Identification of **conceptual and empirical gaps** with regards to food safety at the Arusha Workshop as well as through visits
- **Prioritisation** of possible policies and/or interventions for Arusha by stakeholders
- Co-development of **policy pathways** for Arusha City Council



Prioritised Pathways

- School Feeding Programmes
- Food Safety
- Commercialization - Economic Opportunities
- Food Nutrition
- Awareness and Food Identity
- Environmental Stewardship
- Waste Management
- Governance: How to develop a food policy council?



Production



- Urban planning
- Urban agriculture
- Good Agricultural (and Environmental) Practices



Infrastructure



- Efficient transport and distribution systems
- Urban planning that supports access to food
- Consumer awareness campaigns
- Management of food waste in markets



Processing



- Local government bylaws and policies regarding food processing
- Urban planning that promotes safe food processing
- Promote good waste management (recycling, animal feed, etc)
- Value addition reduces food loss



Consumption



- Consumer awareness on safe food
- Healthy disposal of food waste
- Alternative cooking energy for environmental sustainability
- Nutrition education



A man with short dark hair, wearing a red t-shirt with a graphic and dark shorts, is sitting in a lush garden. He is holding two heads of broccoli in his hands. The background is filled with various green plants, including large-leafed vegetables and tall stalks, under bright sunlight. A semi-transparent yellow banner is overlaid across the middle of the image.

Partnership!

Arusha's FSC Pilot - Main Areas of Interventions

1. Improved **safety and quality of fresh fruit and vegetables** supplied, traded and consumed in Arusha and its environs
2. **Inclusive business models** and practices enable effective **rural-urban linkages** and production, trade and access to quality and safe food by consumers
3. Consumer **education and awareness** improves food handling and enable citizens to make better food and safety choices
4. Arusha City, guided by a **food policy**, includes food related issues in its planning and develops actions that aim at sustainable food systems
5. Arusha City as a member of **food smart cities cluster** contributes and benefits from learnings and exchange between the cities of Ghent, Quito, Tegucigalpa, Danang and Solo; and shares learnings with other cities in Tanzania and Africa



Looking for collaborations!

How can we work together?

- Food Policy
- School Feeding
- Food Safety
- Consumer Awareness
- City-to-city exchanges
- Safe food supply chains
- ...





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