Planning for the future:

*Insights from*

*FAO’s City Region Food Systems Programme*

Michela Carucci
City Region Food System Specialist
Food and Agriculture Organization of the United Nations

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FAO’s Programme on City Region Food Systems (CRFS)

CRFS is a critical scale for promoting *urban-rural* governance to transform food systems towards *resilience and sustainability*. 
Pillars of CRFS

• **Territoriality**
  context-specific solutions “Looking beyond city limits”

• **Multi sectoriality**
  across the value chain

• **Inclusiveness**
  of all stakeholders
Example of characterization in pilot cities

COLOMBO: Urban Growth Plans

TORONTO: spatial and economic links

UTRECHT: Existing policy cooperation among cities

MEDELLIN: Production and distribution capacities
Methodological approach: 
*The CRFS Toolkit*

- 45 single tool/example
- 20+ external tools
- Insights from 7 cities

In collaboration with

Where to start?

*Cities adopted different entry points*

- Food security and nutrition
- Social Inclusion/Equity
- Local Economy
- Environment and Ecosystem
Results from pilot cities

**URBAN AGRICULTURE: KEY ENTRY POINT FOR QUITO, ECUADOR**

- Shift from a sectorial approach to one that is **systemic** and inclusive
- Quito multi-stakeholder platform adopted a city region prospective: Promoting agriculture in and around the city
- Connecting with other food and non-food sectors

QUITO’S FOOD SYSTEM STRATEGY

Results from pilot cities

**FOOD WASTE: KEY ENTRY POINT FOR COLOMBO, SRI LANKA**

- **Poverty**
  - Uneven distribution of value added along key value chains

- **Public health**
  - Food safety

- **Policy outcomes**
  - Shift from a sectorial to systemic approach
  - **Food** is part of the planning process at provincial level (Megapolis Master Plan)
  - New council by-laws covering on food waste and food safety
  - Interventions to reduce and recover food waste

- **Food system**
  - Waste management
    - Food loss and waste

- **Climate shocks**
  - Vulnerability of production systems
Results from pilot cities

**URBAN FOOD SECURITY: KEY ENTRY POINT FOR MEDELLIN, COLOMBIA**

- **Policy outcome:**
  - Urban-rural partnerships among cities within the Antioquia Region

- From urban food security to an Integrated territorial food strategy
- Establishing an inter-institutional platform “Alianza para el El Buen Vivir”
Lessons learnt from rural-urban governance for sustainable food systems

- Identifying a **clear entry point** to engage stakeholders
- Having a **shared vision**
- Finding **good champions**
- Having local government’s **political buy in**
- Defining **clear roles** for all stakeholders
- **Not reinventing the wheel**

**Governance is an evolving process!**
Where are we now?

Integrating climate risks and vulnerabilities in the CRFS:

1. Definition/Characterization
2. Assessment
3. Planning
4. Intervention
Why focus on the resilience of food systems?

Cities are hotspots for climate change
- accounting for more than 70% GHG emissions and consuming 80% global food
- Food sector is the 3rd largest contributor
- At the same time, cities are increasingly affected by climate shocks and stresses

60% of the area expected to be urban by 2030 remains to be built
- Opportunity to build resilience

Floodings will affect 275 million people worldwide should temperatures increase

But, no clear understanding of climate impacts on food system in city region contexts
Urban-Rural Governance for Resilience:

Within the *urban-rural continuum*, it is the capacity of public, private and community actors together to increase the capacity of food systems to survive, adapt, and thrive no matter what kind of chronic stresses and acute shocks they experience.
Typology of interventions: 

*Different scales*

- Information systems
- Early warning systems and EWEA
- Risk transfer mechanisms (social protection and insurance)
- Climate resilient good practices at farm level and along the value chain
- Risk driven policies, planning processes as well as governance
- Risk-sensitive investments at territorial level, especially Nature-based Solutions (NbS)
- Preparedness and emergency response
- Climate risk proof investments in grey infrastructure
- Knowledge management

Source: FAO, State of Food Security and Nutrition 2018 and Resilient Adaptation Group
Thank you!

Michela.Carucci@fao.org

FAO’s Framework for the New Urban Food Agenda:

FAO’s City Region Food Systems Project:

FAO’s City Region Food Systems Project – Publications:

Urban Food Action Platform:
http://www.fao.org/urban-food-actions