



# COMMUNE URBAINE ANTANANARIVO



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# ANTANANARIVO > Capital city of Madagascar

- 823,11 km<sup>2</sup> (agglo)
- 2.5 M population (2018)
- 10% National population
- 50% of urban population
- 45% cultivated lands
- 20% household are household farmers

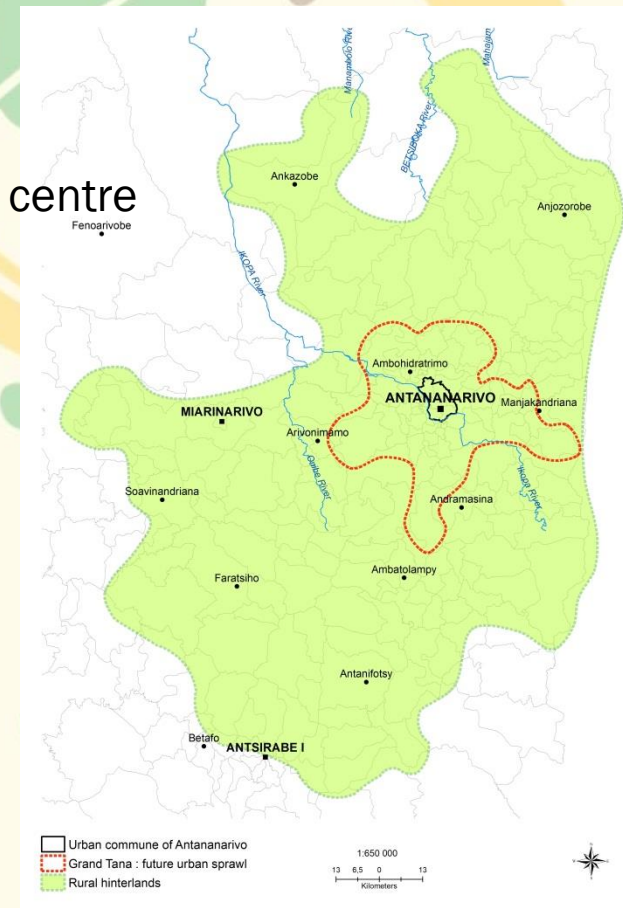
## City Region Food System Antananarivo

65 municipalities located less than 100 km from the city centre

This area supplies the Capital City urban consumption

CRFS boundary based on:

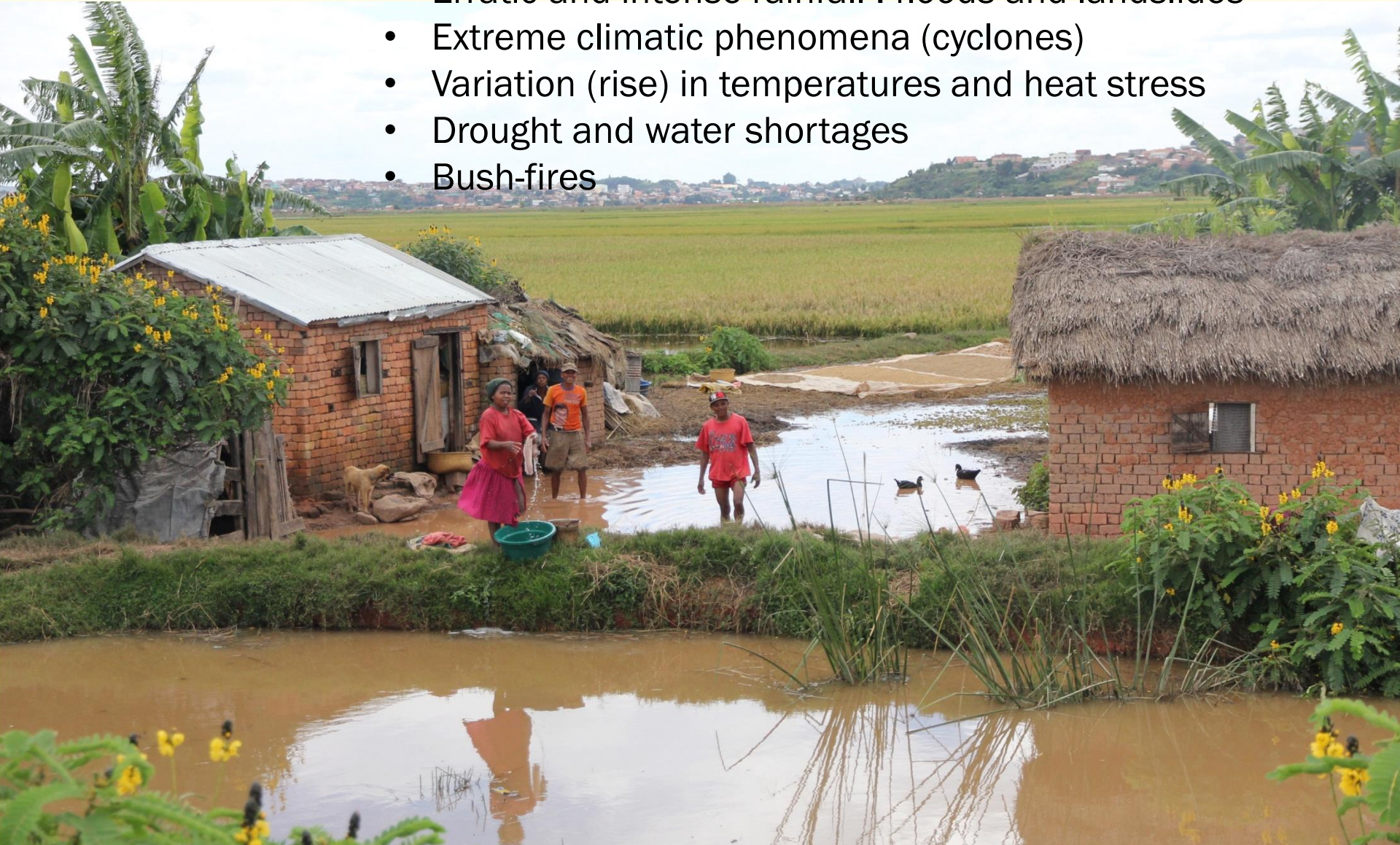
- Inter-municipal cooperation
- Future urban sprawl projections (2035)
- Potential agricultural economy and food industries





## ANTANANARIVO > Strong vulnerability to climate hazards

- Erratic and intense rainfall : floods and landslides
- Extreme climatic phenomena (cyclones)
- Variation (rise) in temperatures and heat stress
- Drought and water shortages
- Bush-fires

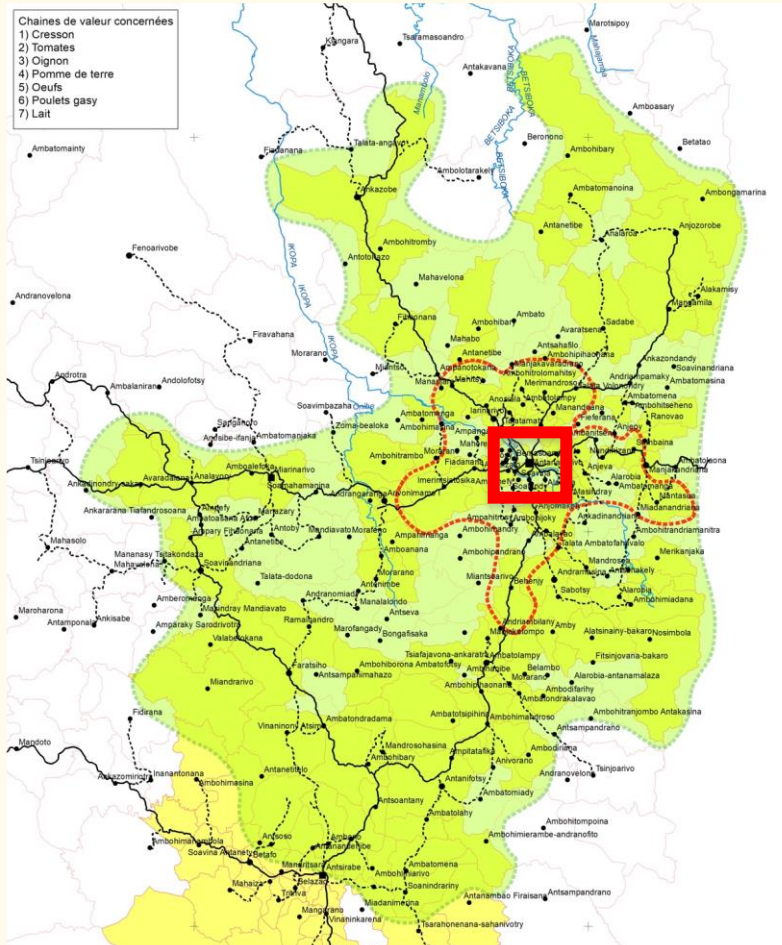




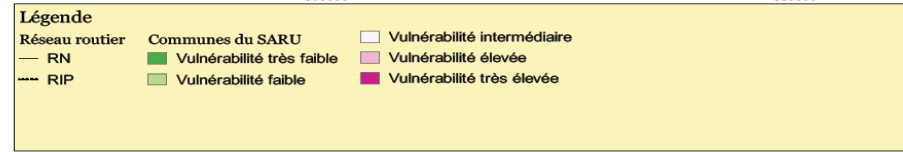
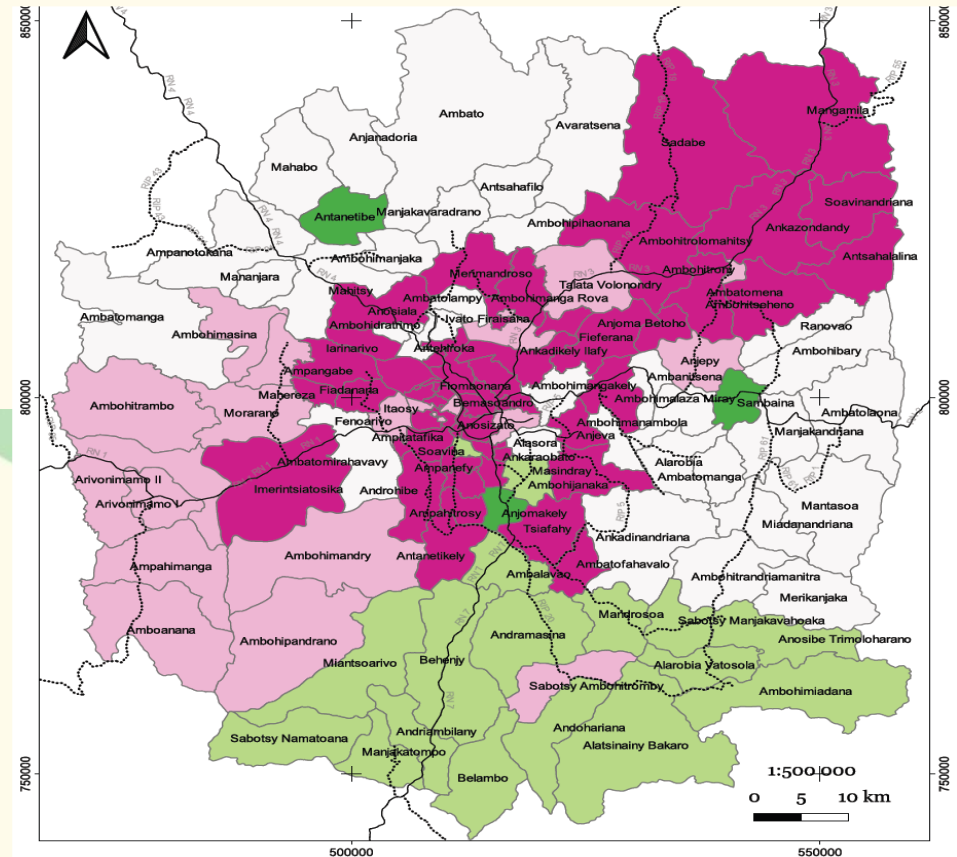
# ANTANANARIVO > Strong vulnerability to climate hazards

## Large City Region Food System

Food value chain



## Level of vulnerability to climate hazards by CRFS commune (Source: FAO – CRFS assessment)





# ANTANANARIVO > MILESTONES

2011 – 2016 – City's Pilot program => Diffusion of micro-gardens in poor neighbourhoods

**2017 - Antananarivo's engagement to MUFPP and the CITYFOOD global network**

**2019 – MUFPP Monitoring Framework project (external parties: FAO, RUAFA, LAURIER University)**

**Outcome : Indicators to account for data, prioritization, action planning**

- Integrate MUFPP activities as an inter departmental activity in the Municipality (Dir. of Economical Development, Urban Agriculture service, Dir. of International Cooperation and partnerships, decentralised cooperation)
- Reassembling a multi-stakeholder group of actors – 2018/20 – Antananarivo becomes a city of reference for Madagascar – local food policy to ensure system resilience and access to healthy, affordable, sustainable and culturally acceptable food.





# 2020 > food strategy for the City

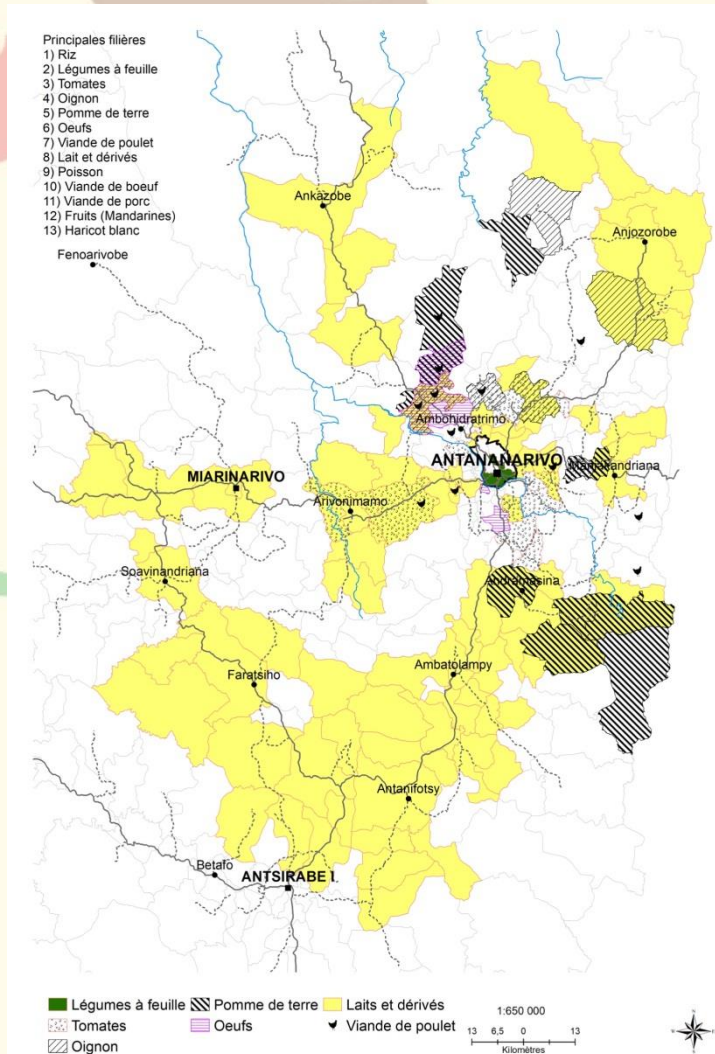
- ✘ Strengthening partnerships for access of vulnerable populations to healthy food: School gardens (09 pilot projects)
- ✘ Vegetable garden in our social centers (Akany larivo mivoy)
- ✘ Technical support for an Orphan center
- ✘ "Mamboly aho" mobile application to diffuse urban agriculture practices between urban farmers
- ✘ MUFPP: Steering committee; Africa region
- ✘ Green Cities Initiative: showcase and action planning to improve for resilience
- ✘ CRFS - FAO – Resilient food systems to tackle climate stresses and shocks.



# CITY REGION FOOD SYSTEM:

Strengthening the climate resilience of food systems in urban regions through adapted production systems:

- ✘ Component 1: Multi-stakeholder engagement and multi-level governance.
- ✘ Component 2: Comprehensive Climate Risk Assessments in CRFS.
- ✘ Component 3: Development of policies and strategies on climate resilience.
- ✘ Component 4: Capacity development of vulnerable stakeholders in climate-resilient good practices relating to CRFS and in knowledge sharing through South-South cooperation.







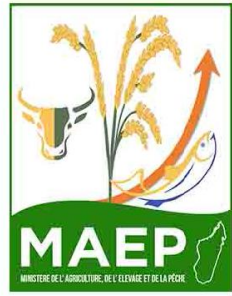
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Food and Agriculture Organization of the United Nations



RUAF FOUNDATION





# CRFS Stakeholder Advisory Group > the City takes the lead

## FOOD as a driver for development

Ensure consistency of actions, create synergy between actors and create multiple response mechanisms, data sharing, establish common indicators



# RESULTS:



- Linkages between strategies and actions regarding food system, climate resilience and sustainability (CRFS, Green cities, MUFPP, City dialogues)
- Improved coordination between actors from the food system
- Data collection and sharing of info
- **Cross-sectorial engagement and vertical integration**
- Relationship between rural – urban areas on food systems
- Participative analyses and creation of a common vision for the future – City Dialogue



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**THANK YOU**

