Food Systems Assessment
NEW TRENDS AND CHALLENGES
Food systems must be transformed

- Many success but new challenges: Nutrition + Climate change + Environment + Social.

- Many scientific evidence → quite large consensus among scientists about the necessity of profound transformations.

- But food systems are complex and transformations are costly: who will decide what should be changed, who will set priorities, and how?
Many different outcomes of the food systems

**ENVIRONMENT INTEGRITY**
- Biodiversity
- Climate Change
- Pollutions

**INCLUSIVE DEVELOPMENT**
- Jobs generation
- Women inclusion
- Rural Urban Linkages

**FOOD SYSTEMS**

**FOOD SECURITY & NUTRITION & HEALTH**

Bricas, 2019, chap.1. 1, Food Systems at risk: New trends and challenges
Numerous and diverse drivers are shaping food systems transformation pathways

- Increase dramatically the risks that threaten food systems’ capacities to meet their objectives

**Financiarization**

**Income increase**

**Socio-economic factors**
- Poverty
- Globalization
- Disruptive innovations

**Biophysical & environmental factors**
- Resources depletion
- Biodiversity loss
- Climate change
- Pollutions
- zoonoses

**Political factors**
- Power asymmetry in governance: exclusion of women and vulnerable groups
- Conflicts

**Demographic factors**
- Population growth
- Urbanisation
- Displacement and migration

Bendjebbar & Bricas, 2019, chap.1. 2, Food Systems at risk New trends and challenges
Food systems’ drivers and outcomes, combine and generate cumulative risks.

- **Unhealthy diets**: pandemic of obesity and non-communicable diseases; new sanitary risks.

- **Acceleration of climate change**, New pests and diseases; risk on production.

- **Environmental degradation**: Irreversible biodiversity loss; over-exploitation and running out of resources; water & land pollutions; zoonoses.

- **Inequalities**: Food access; Massive unemployment; exclusion of small producers, women and vulnerable minorities from emerging new market chains; increase of income and territorial inequalities.
Diversity of situations and solutions towards transformation

- LI and LMI countries and poor population are the ones that are particularly exposed to the increasing combination of risks, including conflicts and climatic disasters.

- Drivers are diverse
  - Combination of challenges are context-specific
  - Opportunities, resources and actors’ dynamics for building a path towards improved sustainability in the food system are context-specific
The preparation of the UN Food Systems summit: a myriad of «game changing solutions», «action areas» and «solution clusters» + national and independent dialogues

- 5 action tracks: 2000 «ideas». Huge diversity. 124 national dialogues + 440 independent dialogues + global dialogues → Areas of convergence: Nourish people, climate and biodiversity, livelihoods and well being, empowerment of communities, Resilience, and Knowledge and Innovation (M. Frick, 28 May)

→ Towards a global agenda and «a global discourse and narrative that puts food systems at the center of global efforts to achieve the SDGs»
Need for participatory and localised food systems assessments for sustainable, resilient and inclusive food systems.