

# Smart solutions for urban food supply

Seminar 19 January 2017

Wageningen Centre for Development Innovation



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# Food4Cities



# Today's programme

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09.00 Opening and introduction seminar

09.10 Two key notes as introduction

10.15 Introduction World Café

10.20 *Coffee break*

10.45 World Café: two rounds, three topics

12.15 Plenary synthesis of findings

12.50 Final reflections and closure

13.00 *Network lunch*





# What we like to do today

A seminar to get inspired, to exchange ideas, learn from experiences and meet people, organisations and practitioners who are dedicated to urban food systems providing access to safe and nutritious food for all in the world's ever growing urban areas.



Please share with your neighbour (1 min):

- introduce yourself + what brought you to this seminar, and what makes you curious about this topic?

# Key question for this seminar

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How to develop innovative and smart solutions to ensure urban food supply for all people in a rapidly urbanizing world?

- Second seminar 'How to ensure food and nutrition security for all in a rapidly urbanising world?
- How to share? During the seminar: Twitter, #Food4Cities
- Video & written reports of both seminars

So .... stay tuned !



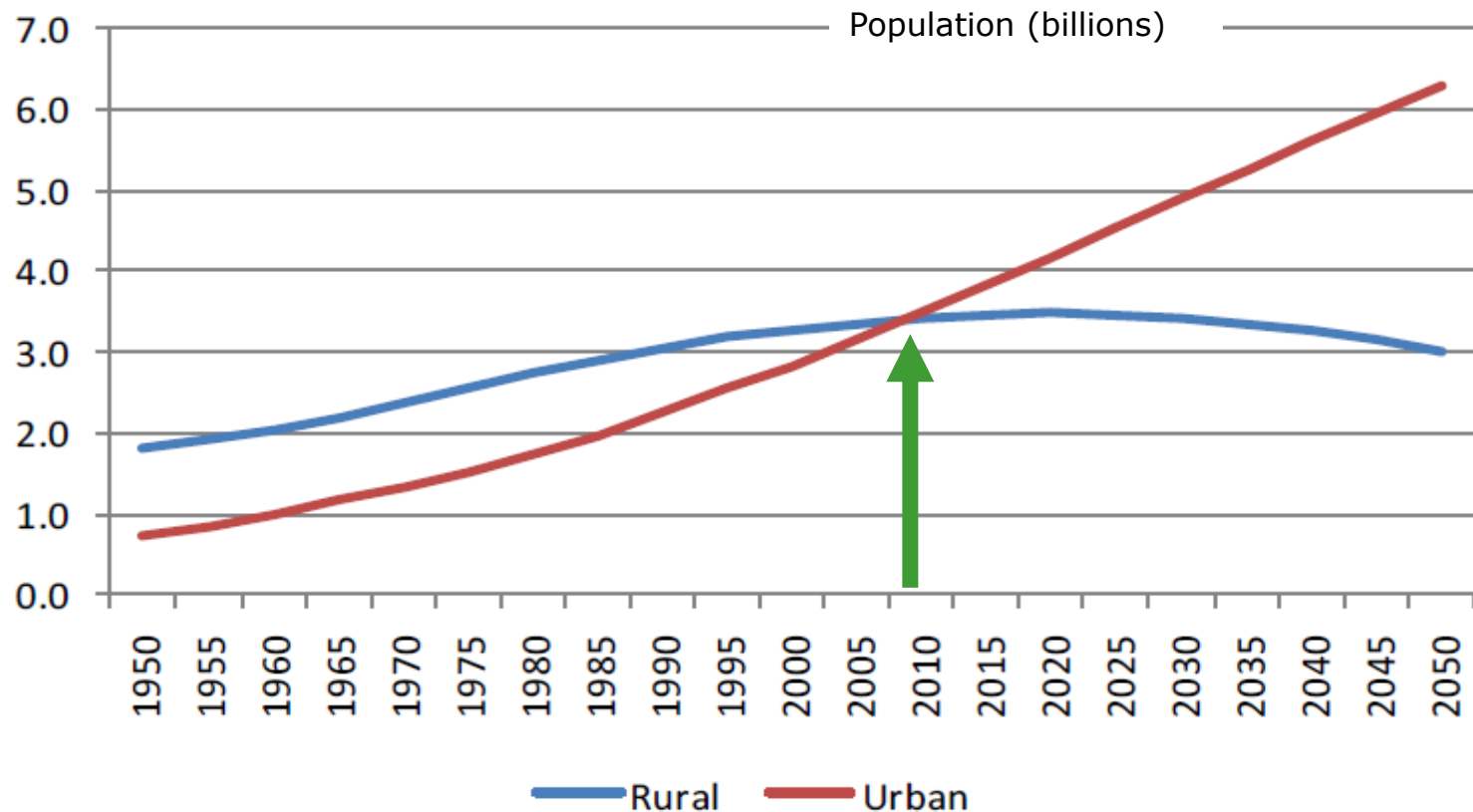
# Key note speakers

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1. Private sector engagement in city region food systems,  
*Marielle Dubbeling*  
Director RUAF Foundation
2. The Symbiotic Food System: An 'Alternative' Agri-Food System Already Working at Scale,  
*Marc Wegerif*  
Researcher and WUR PhD candidate on Food and Land Policy

# Setting the scene (1)

- Half of humanity – 3.5 billion people – lives in cities today
- By 2030, almost 60 % of the world's population will live in urban areas



# Setting the scene (2)



- Increase due to rural-urban migration, globalisation, and livelihood insecurity
- 95 % of urban expansion takes place in the next decades in developing world
- 828 million people live in slums today and the number keeps rising
- The world's cities occupy just 3 % of the Earth's land, but account for 60-80 % of energy consumption and 75 % of carbon emissions
- Rapid urbanization puts pressure on fresh water supplies, sewage, the living environment, and public health



# Setting the scene (3)

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- Particularly cities in Africa and Asia face triple burden of malnutrition: mal-, and undernutrition and micronutrient deficiencies, alongside overweight and obesity
- 'Epidemic' of obesity spreading over cities all over the world
- Urban undernutrition rates approach 24% of the urban population
- Prognosis of 642 million people with diabetes (type 2) by 2040, mostly in urban areas of LMIC countries

# Food systems are changing rapidly

## Population growth and urbanization

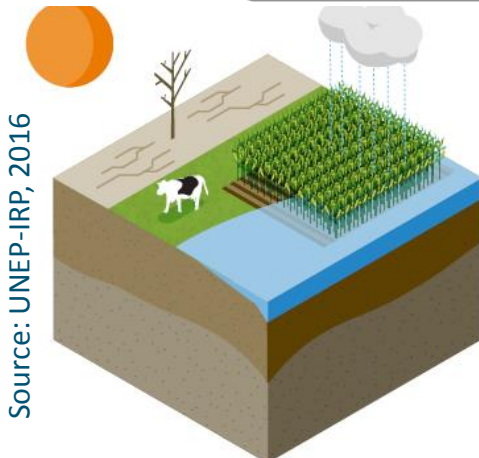


City population

- 1 - 5 million
- 5 - 10 million
- 10 million or more

Percentage urban

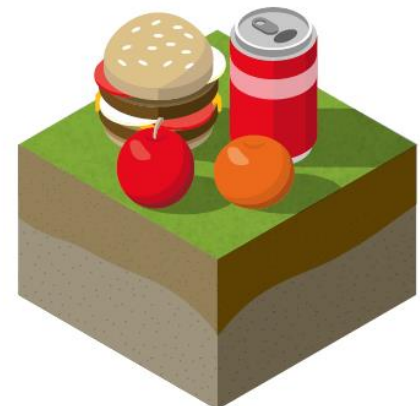
- 0 - 25
- 25 - 50
- 50 - 75
- 75 - 100



Climate change



Supermarketization



Dietary changes

# Food systems approach

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- A food systems approach “gathers all the elements (environment, people, inputs, processes, infrastructures, institutions, etc.) and activities that relate to the production, processing, distribution, preparation and consumption of food, and the outputs of these activities, including socio-economic and environmental outcomes”. (HLPE, 2014a)
- The food system concept provides a framework for an integrated description of the ‘food’ two-way interaction with both natural resources and socio-economic conditions.

# Food systems differ widely globally

Food system feature	'Traditional' food systems	'Intermediate' food systems	'Modern' food systems
Estimated number of people in system	~1 billion	~4 billion	~2 billion
Principal employment in food sector	In food production	In food production	In food processing, packaging, logistics and retail
Supply chain	Short, local; small-scale structures	Supply chain has more actors than in 'modern' food systems	Long; consolidation in input, processing and food retail segment;
Typical farm	Family-based, small to moderate	Combination of small-holder and larger farms	Industrial, large
Typical food consumed	Basic locally produced staples	Combination of basic products and processed food	Processed food with a brand name, more animal products
Purchased food bought from	Small, local shop or market	local shops, rapid supermarketization	Large supermarket chain, restaurants and catering
Nutritional concern	Under-nutrition	Both under-nutrition as well as diet related diseases	Diet related diseases



# Frameworks for addressing urban challenges

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- New Urban Agenda UN Habitat III:
  - Sustainable urban development for social inclusion and ending poverty
  - Sustainable and inclusive urban prosperity and opportunities for all
  - Environmentally sustainable and resilient urban development
  - Urban governance, spatial planning



# Sustainable Development Goals (SDGs)

- SDG2: End hunger, achieve food security and improved nutrition and promote sustainable agriculture
- SDG11: Make cities and human settlements inclusive, safe, resilient and sustainable



# Milan Urban Food Policy Pact (2015)

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Recommended actions at city level:

- Ensure an enabling environment for effective action (governance)
- Ensure sustainable diets and nutrition
- Ensure social and economic equity
- Promote and strengthen urban and peri-urban food production
- Ensure food supply and distribution
- Ensure food waste reduction



The floor to our keynote speakers



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# World café procedure



- Three locations (tables): 2 in Ncounter, 1 in plenary area
- Three different topics: at each table the key note speakers and the facilitator introduce a specific topic
- Split up in three groups (15-20 people)
- 2 rounds (each ca. 40 min)
- Change table after Round 1
- Report back in plenary session (each table 5 min.)
- Final wrap up

# Report on key question of this seminar

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- Main outcomes of discussion
- Eye-openers
- Challenges

# Closing and way forward

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Bzzzzzzzzzz with your neighbour about the way forward:

- Think of one concrete action you could take within the next six month

# Practical announcements

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- Evaluation forms – help us to improve
- Everybody is kindly invited to join the network lunch
- Seminar reports will be made available
- Video impressions will be made available



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# Thank you!

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