



## *Information Day* *S3 Platform on Agri-Food*

# **Challenges and potential impact of the S3 Platform on Agri-Food**

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# New challenges in Circular and Sharing Economy perspectives

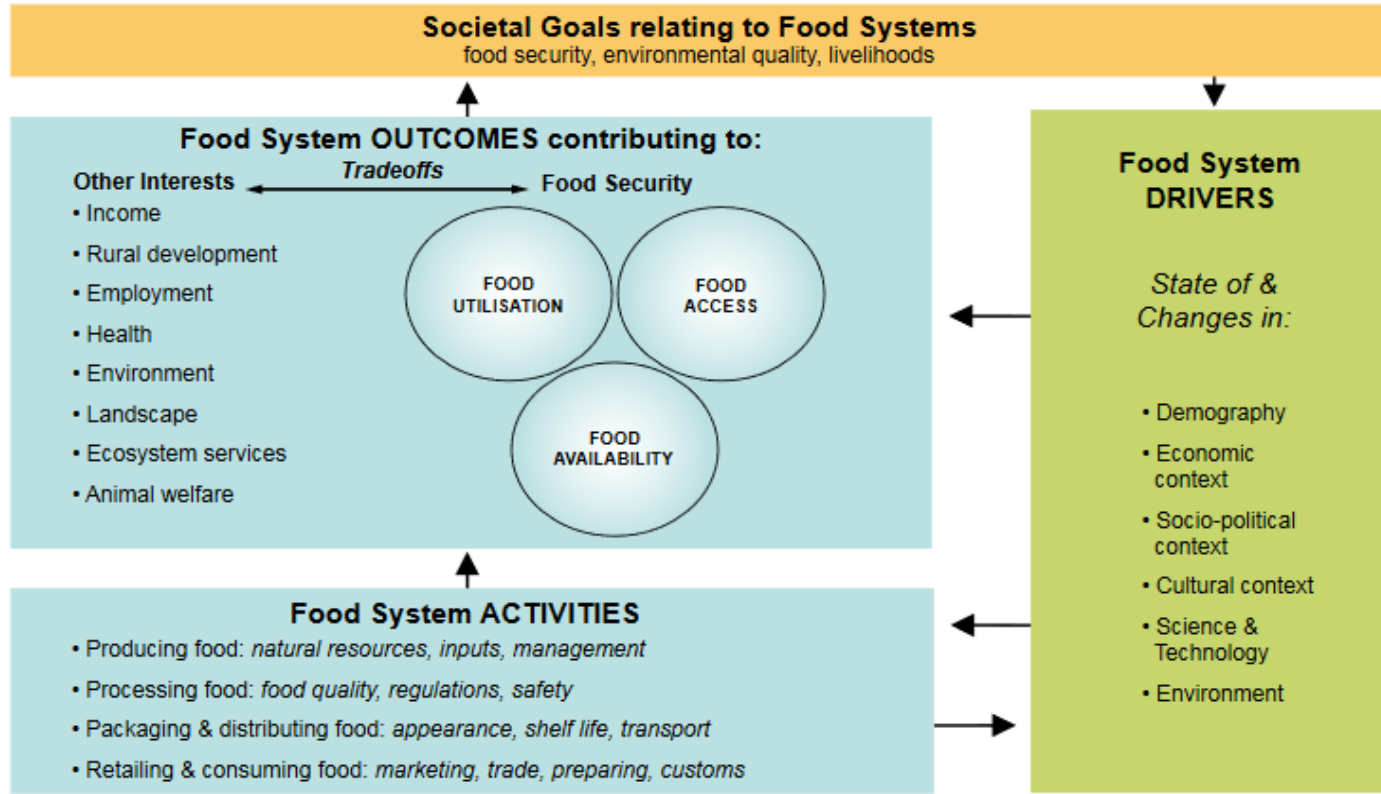
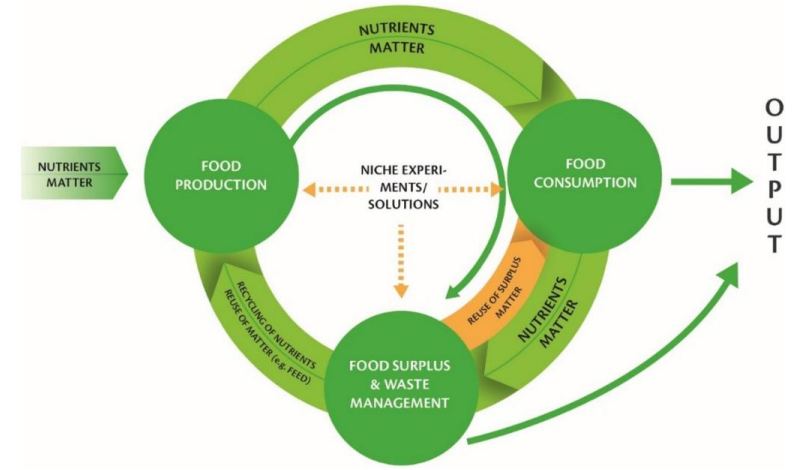
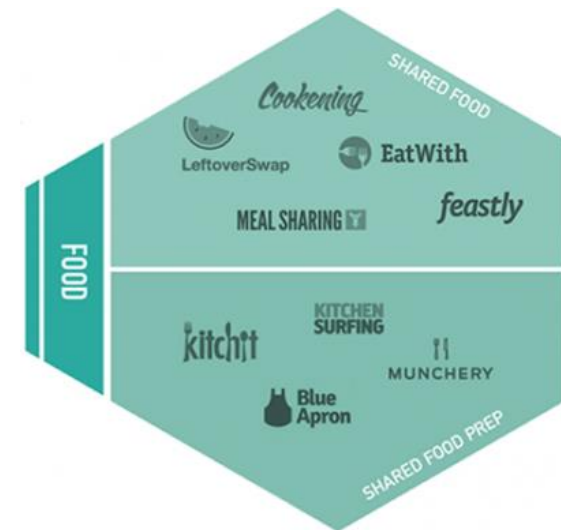


Figure 1: Key Food System Drivers, Activities, Outcomes and Feedbacks. [Derived from Ericksen, P.J. and Ingram, J.S.I. (2005) *IHDP Annual Report 2004-5*, pp. 45-46; and from Ericksen, P.J. (2008) *Conceptualizing food systems for global environmental change research. Global Environmental Change* 18, 234-245.]



Jurgilevich et al. (2016)



Owyang (2014)

Rabbinge & Linnemann (2009) "European Food Systems in a Changing World"

**Feeding the world cities; Demand-driven food systems; Internet of Things and the power of Big Data; Sustainable food systems and the circular economy** (Lambregts – Berenschot/IFAMA, 2016)

# Focus on the emerging phenomenon of «City-regions food systems»

## Sustainable Food Cities Network

## Sustainable Food in Urban Communities

## Cittàslow International

## Eating City – International Platform

## Creative Cities – Gastronomy UNESCO

## Potential benefits of City Regions

Theme	Proposed benefits
Food security	Increased livelihood resilience for small-scale producers
	Reduced food prices for urban consumers
	Increased resilience of urban food supply against shocks
Economic development	Regional economic growth
	Increased rural incomes and jobs
	Economic vitality, entrepreneurship and innovation
Environment	Opportunities for 'circular economies', including reduced food waste and loss
	Increased local agroecological diversity
	Increased recognition and valuing of ecosystem services
	Lower greenhouse gas emissions
Health	Increased knowledge about food and nutrition amongst urban dwellers, resulting in more healthy diets
	Increased availability of, and access to, nutritious food
Governance and culture	Promoting a food culture
	Integrated ('joined-up') policy and action
	Greater participation in and transparency of the food system

Jennings et al. (2015)  
«Food in an Urbanised World»

# Multistakeholder engagement as «wicked problem»

Multi-stakeholder actions are processes “in which actors from civil society, business and governmental institutions come together in order to find a common approach to an issue that affects them all” (Roloff, 2008).

Wicked problems” refer to issues which are highly **complex**, have **innumerable** and **undefined causes**, and are **difficult to understand and frame**.

there is broad disagreement on what ‘the problem’ is  
the search for solutions is open ended  
Imply a wise stakeholders’ management

The problem solving process is complex because constraints, such as resources and political ramifications, are constantly changing  
(Roberts, 2000)

Thus, wicked problems cannot be resolved through finding “right answers” or “solutions”, but rather, **they must be managed**.



# Current and past platforms and initiatives: integration or overlapping?



**New Knowledge and  
Innovation Community  
(KIC) on  
Food4Future - Sustainable  
Supply Chain from  
Resources to Consumers**

- ERANETs
- ETPs
- **Joint Programming Initiatives**

**Examples:**



# Main evidences and opportunities from S3 Platform



JRC SCIENCE FOR POLICY REPORT

Food and gastronomy as elements of regional innovation strategies

Alessio Cavicchi  
Katerina Ciampi Stancova  
2016



EUR 27757 EN

Multi-Annual Financial Framework	Objectives
European Agriculture Fund for Rural Development	Improve competitiveness of agriculture; the sustainable management of natural resources and climate action; a balanced territorial development of rural areas.
European Regional Development Fund	Strengthen economic and social cohesion by correcting imbalances between regions. It supports 11 thematic objectives and investment priorities
Cohesion Fund	Reduce economic and social disparities and promote sustainable development; it is aimed at Member States that have Gross National Income (GNI) per inhabitant lower than 90 % of the EU average (In 2014-2020 is dedicated to: Bulgaria, Croatia, Cyprus, the Czech Republic, Estonia, Greece, Hungary, Latvia, Lithuania, Malta, Poland, Portugal, Romania, Slovakia and Slovenia
European Social Fund	Improve employment and worker mobility as well as levels of professional qualifications
European Maritime and Fisheries Fund	Helping fishermen in the transition to sustainable fishing; supporting coastal communities in diversifying their economies; financing projects that create new jobs and improve quality of life along European coasts
Other Multi-Annual Financial Framework	Objectives
Life	Contribute to the implementation, updating and development of EU environmental and climate policy and legislation by co-financing projects with European added value
Horizon 2020 (Framework Programme for Research and Innovation)	Help to achieve economic growth and jobs creation; ensure the establishment of world-class science, remove barriers to innovation through 3 priorities: excellent science, industrial leadership and tackling societal challenges.
COSME (Programme for the Competitiveness of Enterprises and SMEs)	Support SMEs: facilitate access to finance; improve access to markets; improve framework conditions for the competitiveness and sustainability of Union enterprises; promoting entrepreneurship and entrepreneurial culture
Creative Europe Programme	Help cultural and creative sectors explore opportunities of the digital age and globalisation; enable the sectors to reach their economic potential, contribute to sustainable growth, jobs, and social cohesion; give Europe's culture and media sectors access to new international opportunities, markets, and audiences.
Erasmus for All Programme	Improve skills and employability, as well as modernise education and training.

# Impact and the concept of Additionality

Input additionality: whether for every Euro provided to support organisation's R&D the organisations spend an additional amount of private funds on R&D

Output additionality: proportion of outputs which would not have been achieved without public support.

## **Behavioural additionality:**

“companies and institutions undertaking publicly sponsored projects are rarely left unchanged by the experience”. Buisseret (1995) defines the concept as “the change in a company's (or institution's) way of undertaking R&D that can be attributed to policy actions”.

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### **During project implementation**

- Project additionality
- Acceleration additionality
- Scope additionality
- Scale additionality
- Challenge additionality

### **After project implementation**

- Network additionality
- Follow-Up additionality
- Management additionality

# Potential positive impacts...

- Increasing engagement
- Cross-learning and cross-fertilisation
- Co-Financing
- Contributing to re-industrialization
- Developing skills and competences (administrative staff, researchers, students)

From Vanguard Initiative

- Facilitating national/regional alignment on top priorities and synergies between funds
- Increasing participation of regional governments to direct funding opportunities
- Boosting business oriented mindset
- Repositioning of rural areas: agriculture and wellbeing, agriculture and social inclusion, agriculture and tourism
- Empowering local communities and fostering social inclusions
- ...

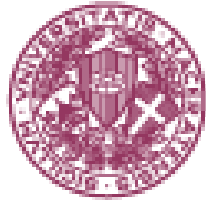
From literature (and own experience)



# Conclusions

Some suggestions In order to have positive impacts:

- adopting participatory processes and stakeholder engagement perspective (Importance of the Entrepreneurial Discovery Process!!!)
- performing ongoing evaluation and assessment
- avoiding overlapping and implementing effective coordination between EU programmes and multilevel / multistakeholders initiatives
- considering past funded projects in order to «exploit» existing formal and informal networks for «follow up» and capitalisation initiatives
- ...



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**l'umanesimo che innova**

THANKS!

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