

---

# Food 2030 – Urban food system transformation and the Sustainable Food Systems Partnership



*Daniela Lüth, DG RTD B2 – Bioeconomy and Food Systems*

*20 April 2023*



# Policy context



# The European Green Deal

## The EU Green Deal

The European Green Deal is about **improving the well-being of people**. Making Europe climate-neutral and protecting our natural habitat will be good for people, planet and economy. No one will be left behind.

### The EU will:



Become climate-neutral by 2050



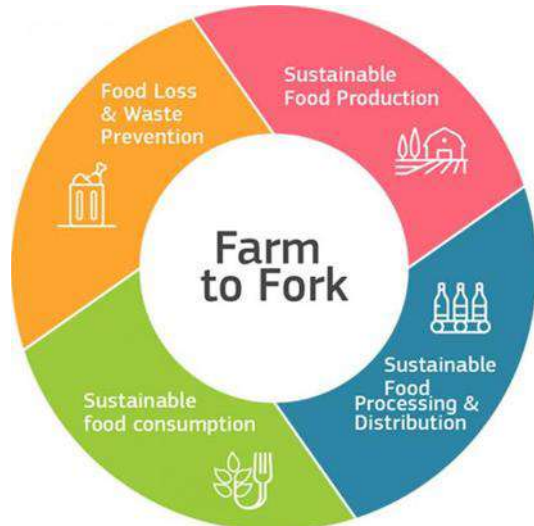
Protect human life, animals and plants, by cutting pollution



Help companies become world leaders in clean products and technologies

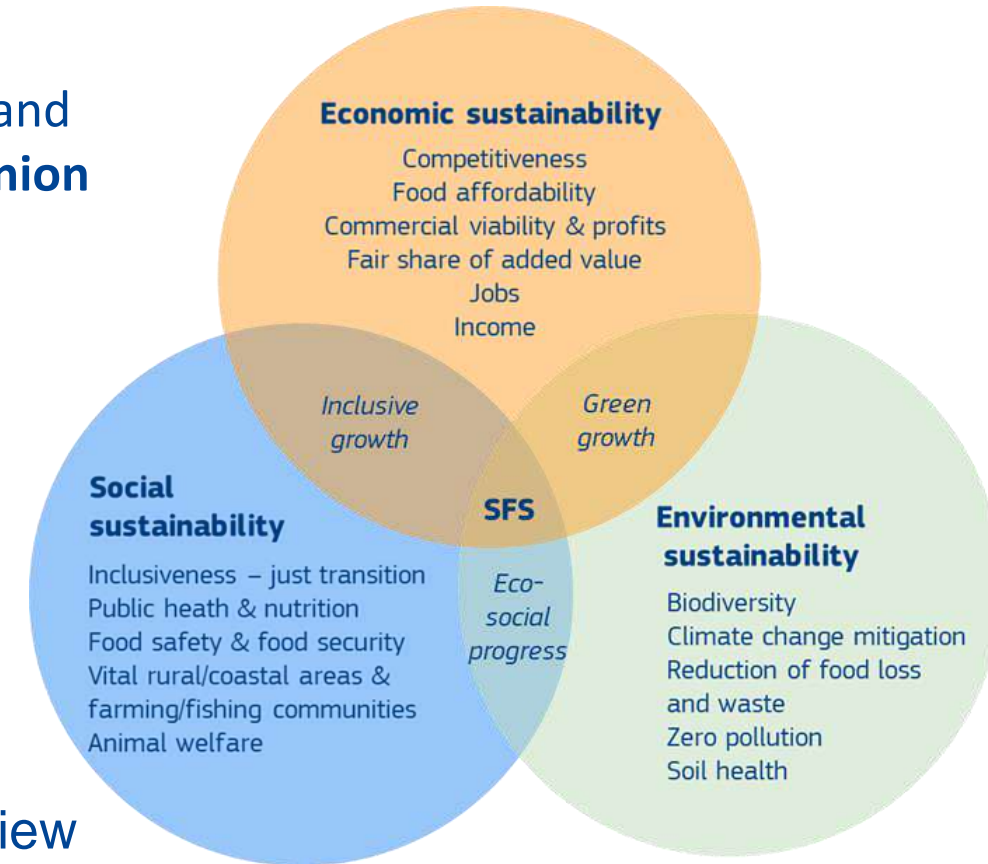


Help ensure a just and inclusive transition



# Farm to Fork Strategy

- A sustainable food system (SFS) ensures **environmental, social and economic sustainability (2023) – framework legislation on a Union sustainable food system**
- Develop an EU code and monitoring framework for responsible business and marketing conduct in the food supply chain (2022)
- Evaluation and revision of the existing animal welfare legislation, including on animal transport and slaughter of animals (Q4 2023)
- Review of the EU school scheme legal framework with a view to refocus the scheme on healthy and sustainable food (2023)
- Proposal for EU-level targets for food waste reduction (2023)

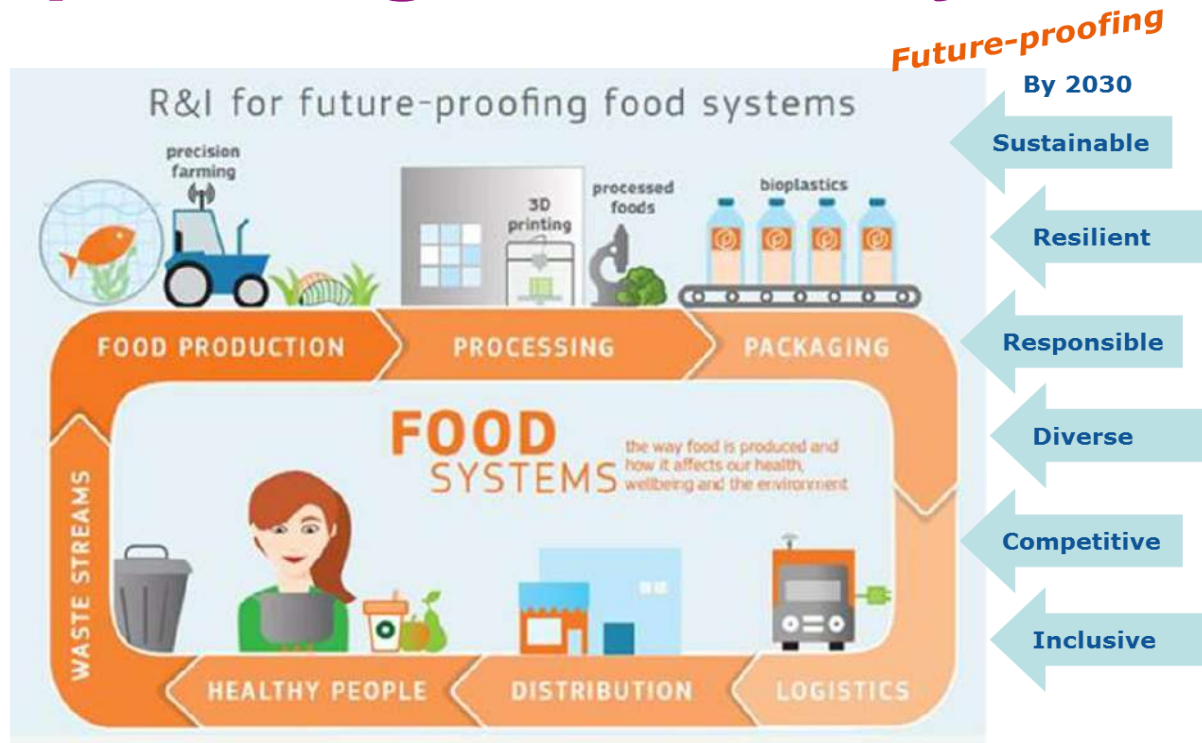




# Food 2030



# Food 2030: EU R&I Policy Framework future-proofing our food systems



- Need for a systemic approach to future-proofing food systems by structuring, connecting and scaling-up R&I
- To provide **evidence** for policies and **solutions** (knowledge, methods, technologies, services, business models, etc) addressing 4 priorities.

## Priorities



## Drivers

- Research breakthroughs (test tube icon)
- Innovation and Investment (lightbulb icon)
- Open Science (graduation cap icon)
- International collaboration (globe icon)

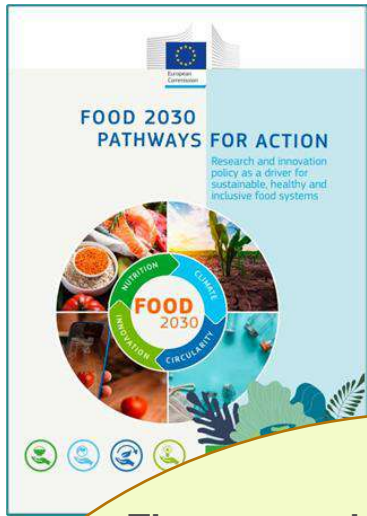
 #FOOD2030EU

Research and Innovation

 #FOOD2030EU



# Food 2030 Pathways for co-benefits



The approach should be “systemic” – delivering co-benefits, inter/transdisciplinary and multi-actor including primary producers, processors, retailers, food-services, civil society, researchers, policymakers, etc.

Placed-based approaches will be key to testing, demonstrating, experimenting, deploying, partnering, learning, sharing !!

All types of innovation: social, governance, technology ...

FOOD 2030 PATHWAYS	NUTRITION	CLIMATE	CIRCULARITY	INNOVATION
Governance and systems change	+++	+++	+++	+++
Urban food systems transformation	++	+++	+	+++
Food from oceans and freshwater resources	++	+++	++	++
Alternative proteins and dietary shift	+++	+++	++	+++
Food waste and resource efficiency	+	+++	++	++
The Microbiome world	+++	+++	+++	+
Healthy, sustainable and personalised nutrition	+++	++	+	++
Food safety systems of the future	++	+++	++	++
Food systems Africa	++	++	++	+++
Food systems and data	+++	+++	+++	+++

# Transforming Urban Food Systems



## Challenge and potential:

Rising urban population and change of lifestyle

Their inhabitants represent an essential leverage point for change



## The Goal:

Increasing urban sustainability and wellbeing

## R&I Needs:

Establishing a holistic food system governance capacity

Develop synergies and increase connection across the rural-urban interface

Foster local level food systems entrepreneurship and develop decentralized local capacities

Use urban and spatial planning as a tool to reinforce urban food system transformation....etc.

## Response to SDGs:





# FOOD 2030 Publications



## Urban food system transformation in the context of Food 2030

- Current practice and outlook towards 2030  
(Publication end May '23)



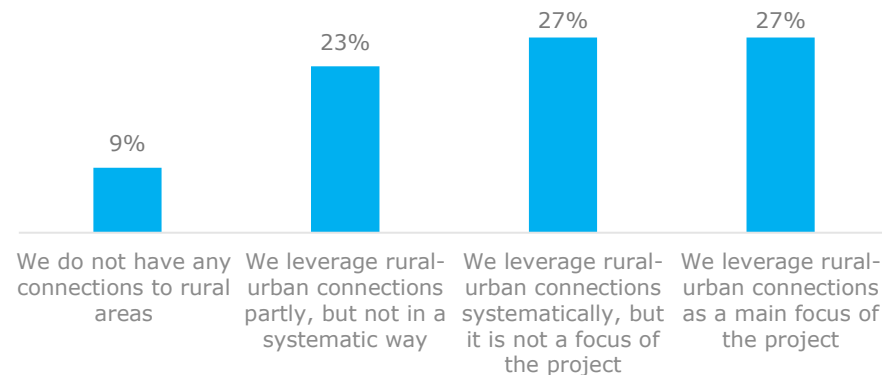
# Urban food system transformations in the context of Food 2030 – Report\*



## World of urban food system transformation



## Urban-rural / regional linkages\*



\* 14% indicated, none of the above, results based on survey on 22 urban food systems projects

## 3 key takeaways

- 1. Place-based solutions provide huge potential** for facing our global challenges with local solutions – *let's use the potential of space*
- 2. Food needs to be seen in connection with climate, community and circularity** (Food 2030 priorities) and be embedded in a systemic approach – *let's apply a systems approach for exploiting the full potential: 'if we fail on food, we fail on all'*.
- 3. The diversity of approaches** showcased provides plenty of options to start enabling change today – *let's not wait for perfect solutions, let's get our hands dirty and start today.*



# Partnership for sustainable food systems for people, planet and climate





# Horizon Europe partnerships to drive green and digital transitions

CLUSTER 1: Health	CLUSTER 4: Digital, Industry & Space	CLUSTER 5: Climate, Energy & Mobility	CLUSTER 6: Food, Bioeconomy, Agriculture,...
Innovative Health Initiative	Key Digital Technologies	Clean Hydrogen	Circular Bio-based Europe
Global Health Partnership	Smart Networks & Services	Clean Aviation	Rescuing Biodiversity to Safeguard Life on Earth
Transforming Health Care Systems	High Performance Computing	Single European Sky ATM Research 3	Climate Neutral, Sustainable and Productive Blue Economy
Risk Assessment of Chemicals	European Metrology (Art. 185 of the TFEU)	Europe's Rail	Water4All "Water security for the planet"
ERA for Health	Artificial Intelligence, Data and Robotics	Cooperative, Connected and Automated Mobility (CCAM)	Animal Health and Welfare*
Rare Diseases*	Photonics	Batteries "Towards a competitive European industrial battery value chain"	Agroecology "Accelerating Farming Systems Transition**"
One Health / Antimicrobial Resistance*	Made in Europe	Zero-emission Waterborne Transport	Agriculture of Data*
Personalised Medicine*	Clean Steel - Low Carbon Steelmaking	Zero-emission Road Transport (ZZERO)	Safe and Sustainable Food Systems*
Pandemic Preparedness* Co-funded or co-programmed	Processes4Planet	People-centric Sustainable Built Environment (Built4People)	
	Globally Competitive Space Systems**	Clean Energy Transition	
		Driving Urban Transitions to a Sustainable Future	

■ Institutionalised Partnerships (Art. 185 or 187 of the TFEU)  
■ Co-Programmed  
■ Co-Funded

\* Calls with opening dates in 2023-24  
 \*\* Calls with opening dates not before 2022



- ✓ New ways of working in a **multi-stakeholder approach**
- ✓ Main driver for setting up partnerships is to make the various **R&I-performing actors cooperate** across European borders.
- ✓ To **speed up the research and innovation** activities and rationalise work

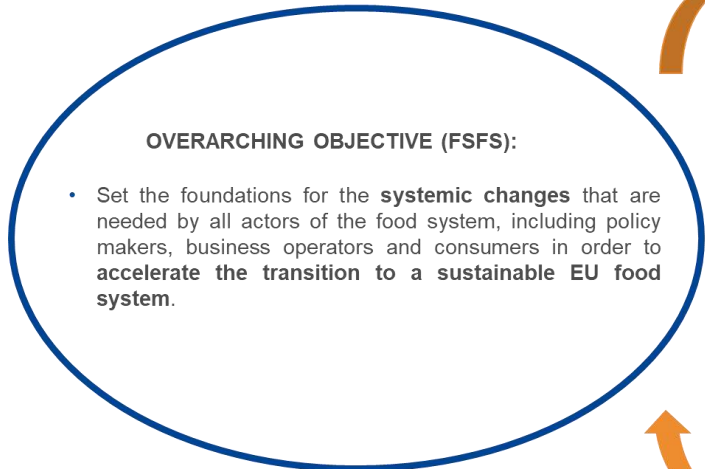
# Partnership policy context and outcomes



Framework for a Sustainable Food System (FSFS)



Outcome of Sustainable Food Systems Partnership (SFS)



## Food 2030



## Other relevant policies

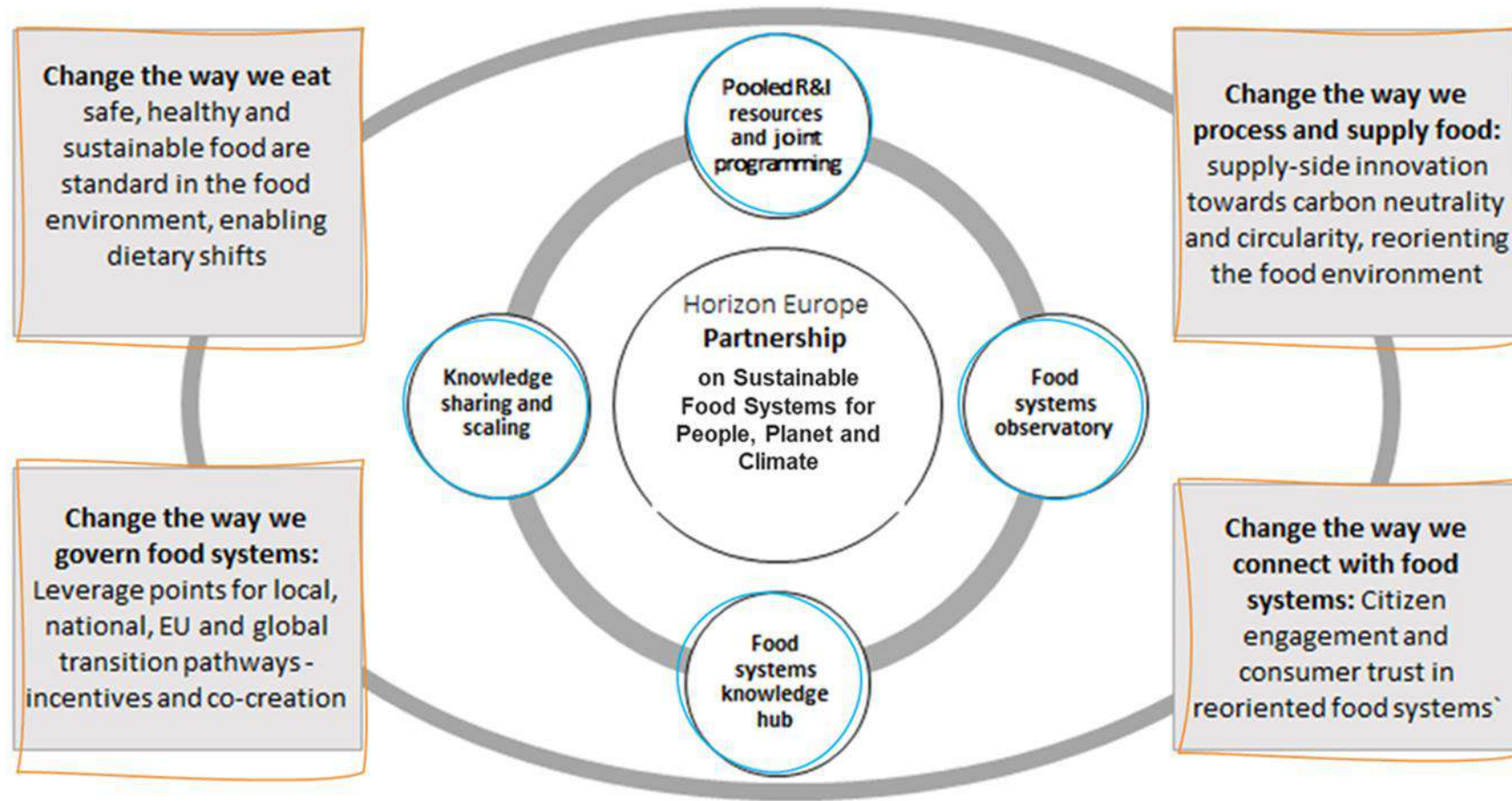
- Bilateral & Global Trade Policies
- Biodiversity Strategy 2030
- Bioeconomy Strategy and Action Plan
- Blue Economy
- Circular Economy action plan
- 2030 Climate Target Plan
- Common Agricultural Policy / Common Fisheries Policy
- Europe's Beating Cancer Plan
- Europe's Digital Decade
- Farm-to-Fork Strategy
- Food2030
- Green deal
- High Level Expert Group, Platform for Food Systems Science (IPFSS)
- Open Science Policy
- Single Market for Green Products
- A Soil Deal for Europe
- Sustainable Aquaculture
- Waste Framework Directive
- Zero pollution action plan



# Partnership scope

The Sustainable Food Systems Partnership will search for solutions to complex challenges through R&I by its **four thematic areas** and its **four activities**

Enable R&I to drive food systems transformation processes



[SRIA\\* Partnership](#)

[food|paths](#)

[Webpage](#)



\* SRIA = Strategic Research and Innovation Agenda

---

# THANK YOU

*News & Events: Join [FOOD 2030 Stakeholder list](#)*

