
Sustainable food system transformation – a European R&I perspective



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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

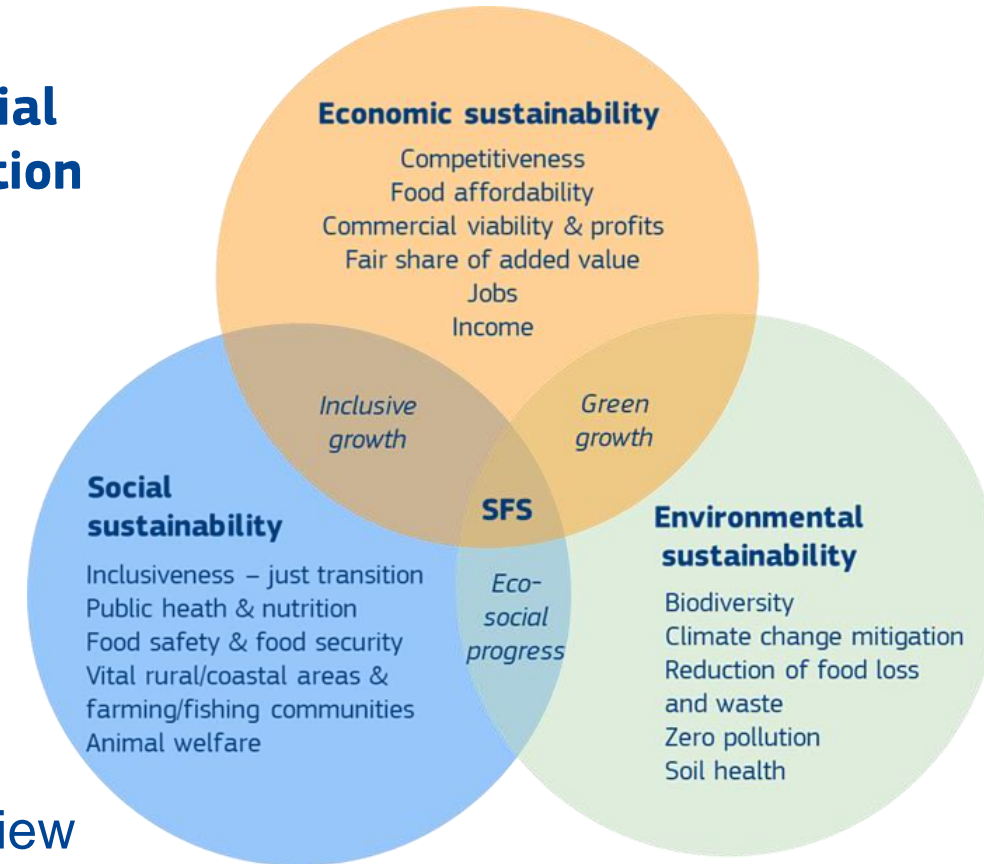


Help ensure a just and inclusive transition



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)

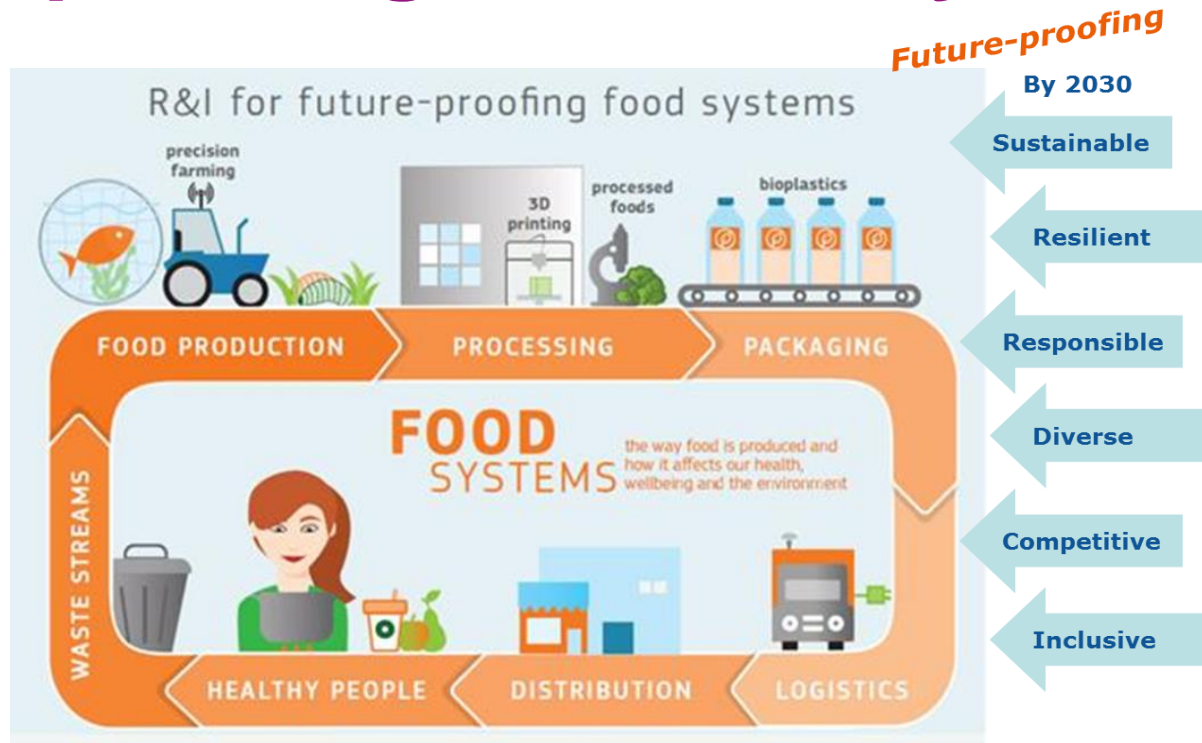




Food 2030



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



Priorities

-  **NUTRITION** for sustainable and healthy diets
-  **CLIMATE** smart and environmentally sustainable food systems
-  **CIRCULARITY** and resource efficiency of food systems
-  **INNOVATION** and empowerment of communities

- 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.

Drivers

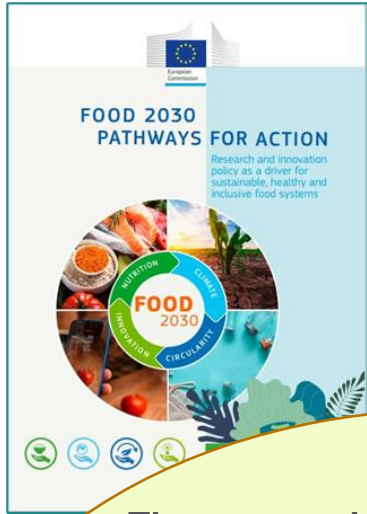
-  **Research breakthroughs**
-  **Innovation and Investment**
-  **Open Science**
-  **International collaboration**

 #FOOD2030EU

Research and Innovation

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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	+++	---	+++	+++

FOOD 2030 Publications



[LINK](#)





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	

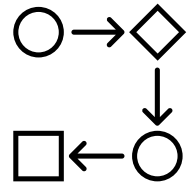
■ Institutionalised Partnerships (Art 185 or 187 of the TFEU)
■ Co-Programmed
■ Co-Funded

* 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 process – SFS Partnership



525 Mio € Overall budget for lifetime of Food Systems Partnership

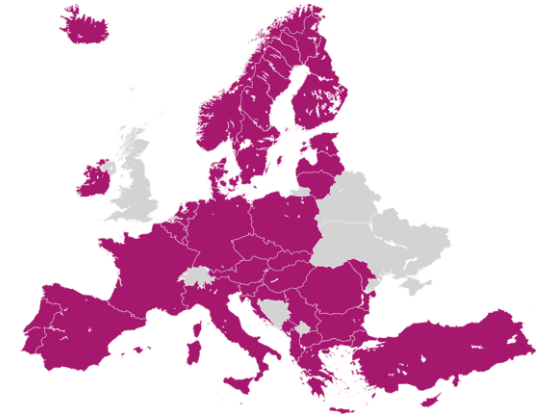
- Contribution under Horizon Europe (HE) 175 Mio. €, 1/3 of total estimated budget
- Expected MS/AC contribution over 7-year period 350 Mio. €, in-kind contributions included

Research and Innovation



*<https://scar-europe.org/food-main-actions/food-systems-partnership>

What is SCAR?

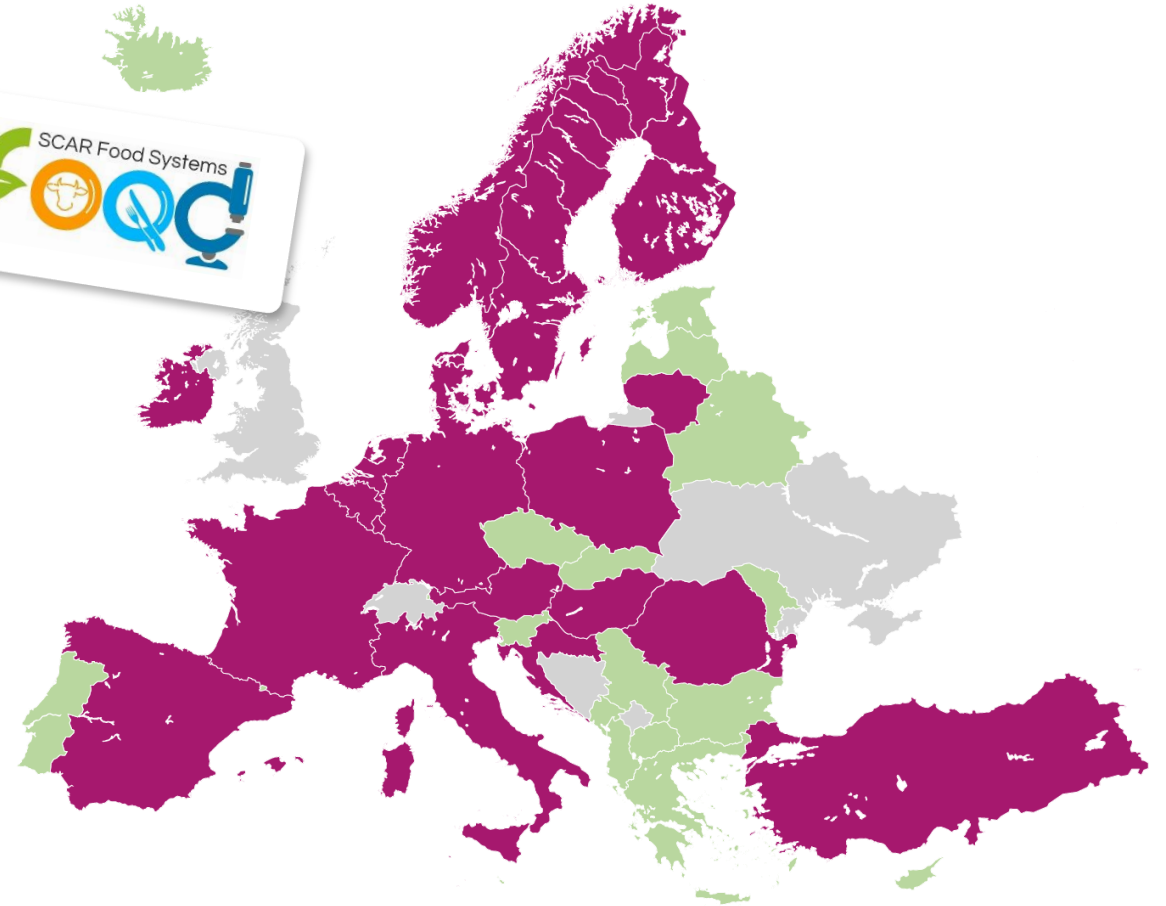


- **Network of more than 35 countries** to give strategic policy advice
- **Playing field:** European agriculture, fisheries, food, forestry & wider bioeconomy with focus on research and innovation
- **Goal:** Contribute to creating an integrated European Research Area by:
 - Increasing connections between research & innovation
 - Removing barriers to innovation
 - Stimulating co-creation between public-public & public-private sectors, towards delivering innovation & tackling challenges

SCAR Food Systems SWG as a co-creation platform for partnership

Mission SCAR FS SWG

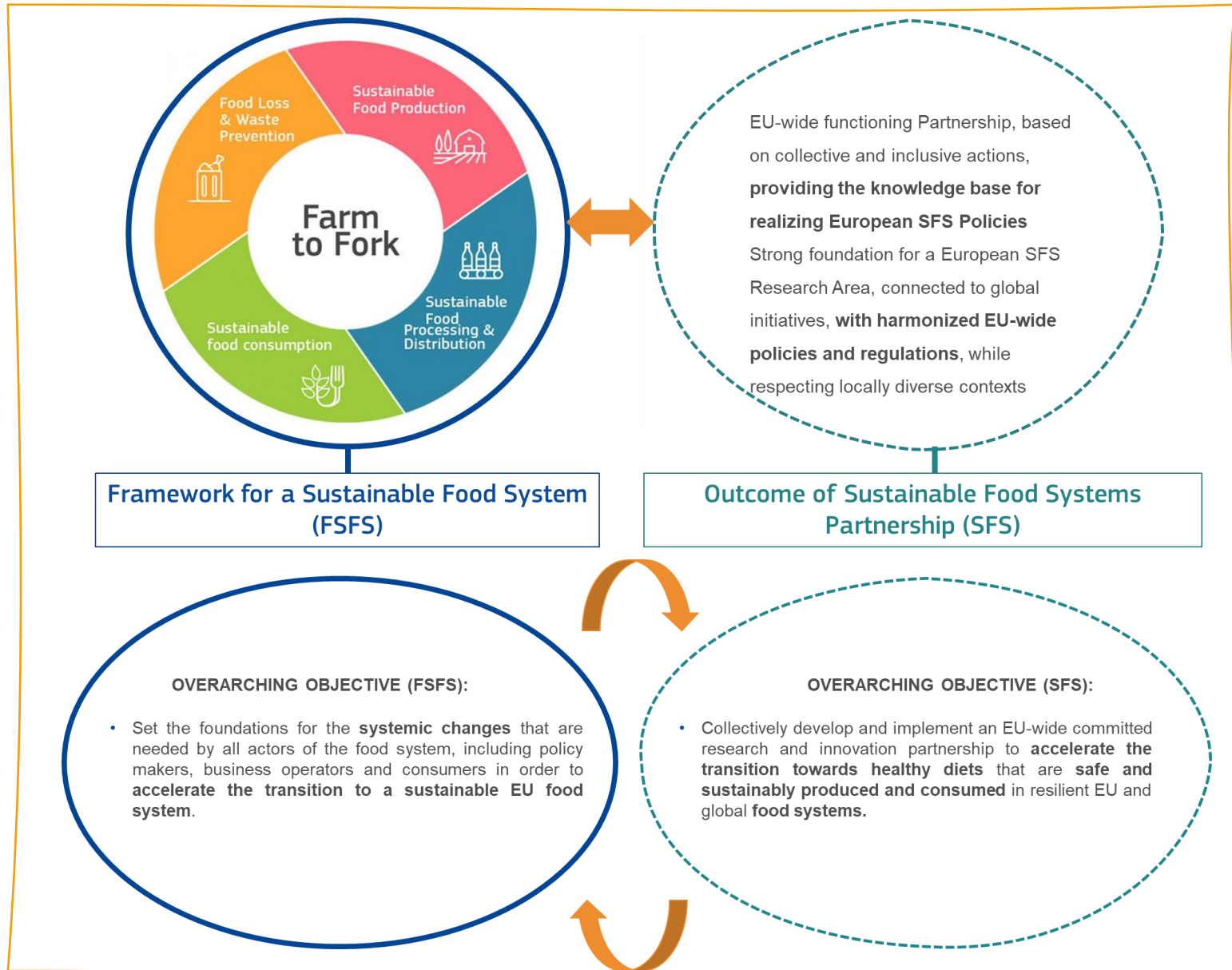
- Provide strategic advice, orientation, and support to the EU R&I policy framework FOOD2030, and to Cluster 6 of Horizon Europe.
- Contribute to the successful implementation of the Farm to Fork strategy, as well as the UN SDGs and the COP 21 commitments.
- Promote the development and shaping of the food system R&I policy implementation at EC level.



SCAR FS SWG REPORTS

Overview members SCAR FS - update March 2022

Partnership policy context and outcomes



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

SAVE THE DATE



BRUSSELS | 4 – 5 Dec 2023

FOOD 2030

Green & Resilient
Food Systems

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THANK YOU

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

