



# “Multi-Actor” und “Living Labs” in der EU-Forschungsstrategie

DAFA - Agrarforschung im Zusammenspiel von Versuchs- und Praxisbetrieben, Landschaft und Regionen, Berlin 7/8.11.2023

*Dr. Hans-Jörg Lutzeyer, Europäische Kommission,  
Generaldirektion Forschung und Innovation,  
Bioökonomie und Ernährungssysteme*

# Content

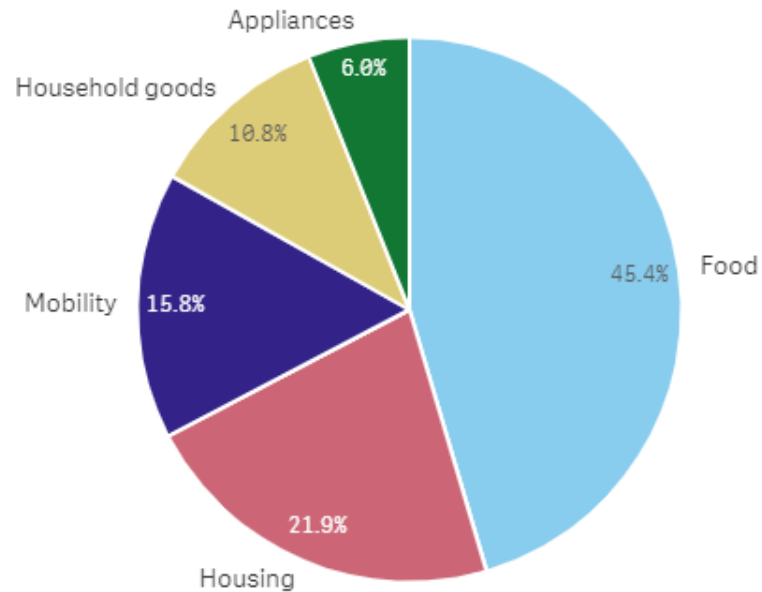
## Part 1 – Policy context

Part 2 – Standing Committee on Agricultural Research (SCAR) develops the concept of Agricultural Knowledge and Innovation Systems (AKIS)

Part 3 – Horizon Europe Workprogramme, Multi-actor approach and living labs

# Impacts of EU-27 food consumption considering the entire supply-chain (a)

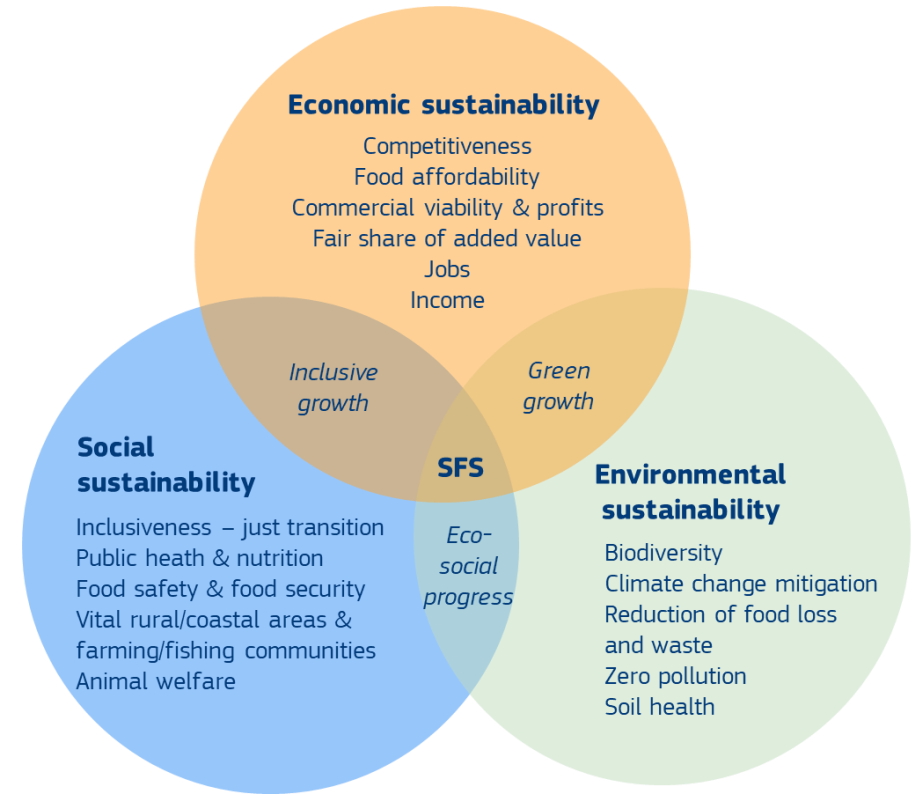
**Contribution of areas of consumption**  
European Union 27 - 2020 - Single Weighted Score



EU food consumption represents 45,4% of the overall climate change due to EU consumption (2020).

Source: <https://eplca.jrc.ec.europa.eu/ConsumptionFootprintPlatform.html?bookmark=food>

# The European Green Deal



A sustainable food system (SFS) ensures **environmental, social and economic sustainability**

# The Farm to Fork Strategy

## Farm to Fork Strategy: overall goals



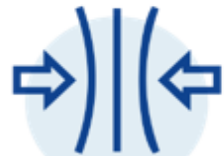
climate  
footprint



global  
transition



new  
opportunities



resilience

## Farm to Fork Strategy: targets



Overall use and risk of  
**chemical pesticides:**  
-50%; use of more  
hazardous pesticides:  
-50%



**Nutrient losses:** -50%  
without deterioration in  
soil fertility; use of  
**fertilisers:** -20 %



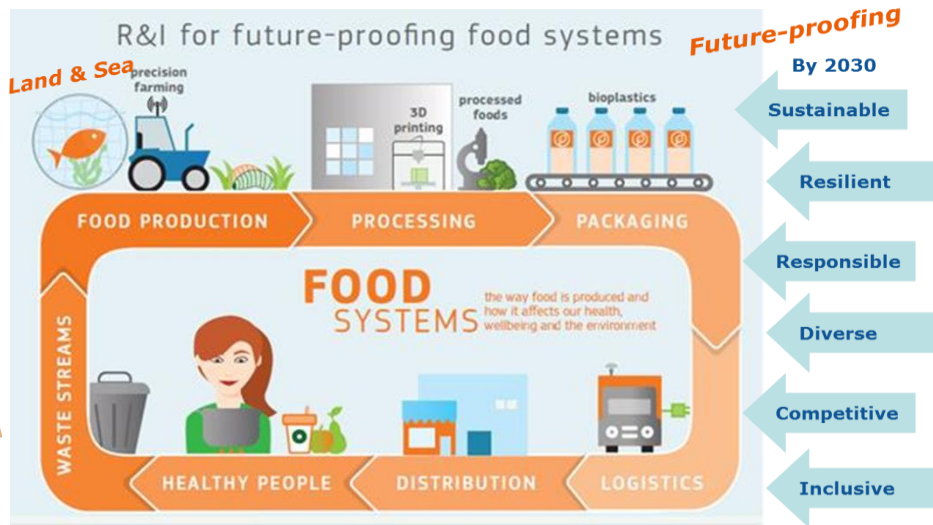
Sales of  
**antimicrobials** for  
farmed animals and  
in aquaculture: -50%



EU's agricultural land  
under **organic farming:**  
25%; significant  
increase in **organic  
aquaculture**

# FOOD 2030

## R&I for tomorrow's nutrition & food systems



- Perfect Storm: climate change, population growth, resource scarcity, malnutrition, obesity & NCDs
- Political opportunity: response to SDGs, COP21+, Green Deal
- Investment opportunity: EU underinvesting in food & agri R&I despite high returns on investment
- Need for a systemic approach to future-proofing food systems via more impactful R&I

### 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

### Drivers

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

 **#FOOD2030EU**

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# SCAR Agricultural Knowledge and Innovation Systems SWG - SCAR AKIS

## Co-chairs

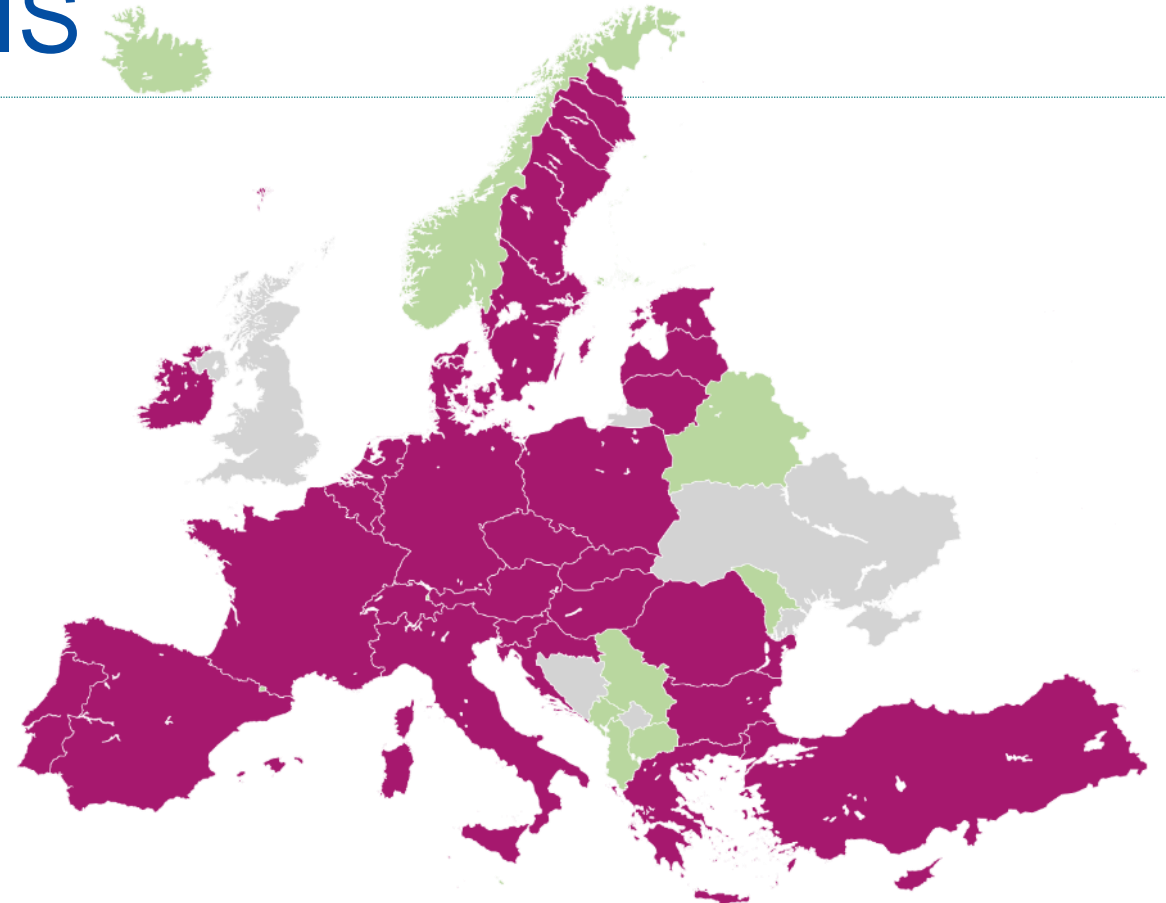
Ewa Grodzka and  
Jan Van Esch

## Mandate period

1/1/2023 - 31/12/2024

## Members

- 29 countries + EC and key advisors



● SCAR AKIS member ● SCAR member ● Not a member

Overview members SCAR AKIS - update March 2022



# Mission of the SCAR AKIS

- To build an EU-wide knowledge and innovation network focusing specifically on working with and for farmers and other rural actors.



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# Horizon Europe Workprogramme, focus on the 'Multi-Actor Approach' (MAA)

- **Eligibility criterion** and an integral part of the topic text
- Makes R&I outcomes more **demand-driven**, reliable and **relevant to society**
- **Genuine and sufficient involvement of a targeted array of actors** (i.e., end-users of the project results), **all over the whole course of the project** ensuring real co-creation
- **End-users/practioners** are to be involved, not as a study-object, but to use their practical and local knowledge and/or entrepreneurial skills to develop solutions and create '**co-ownership**' of results



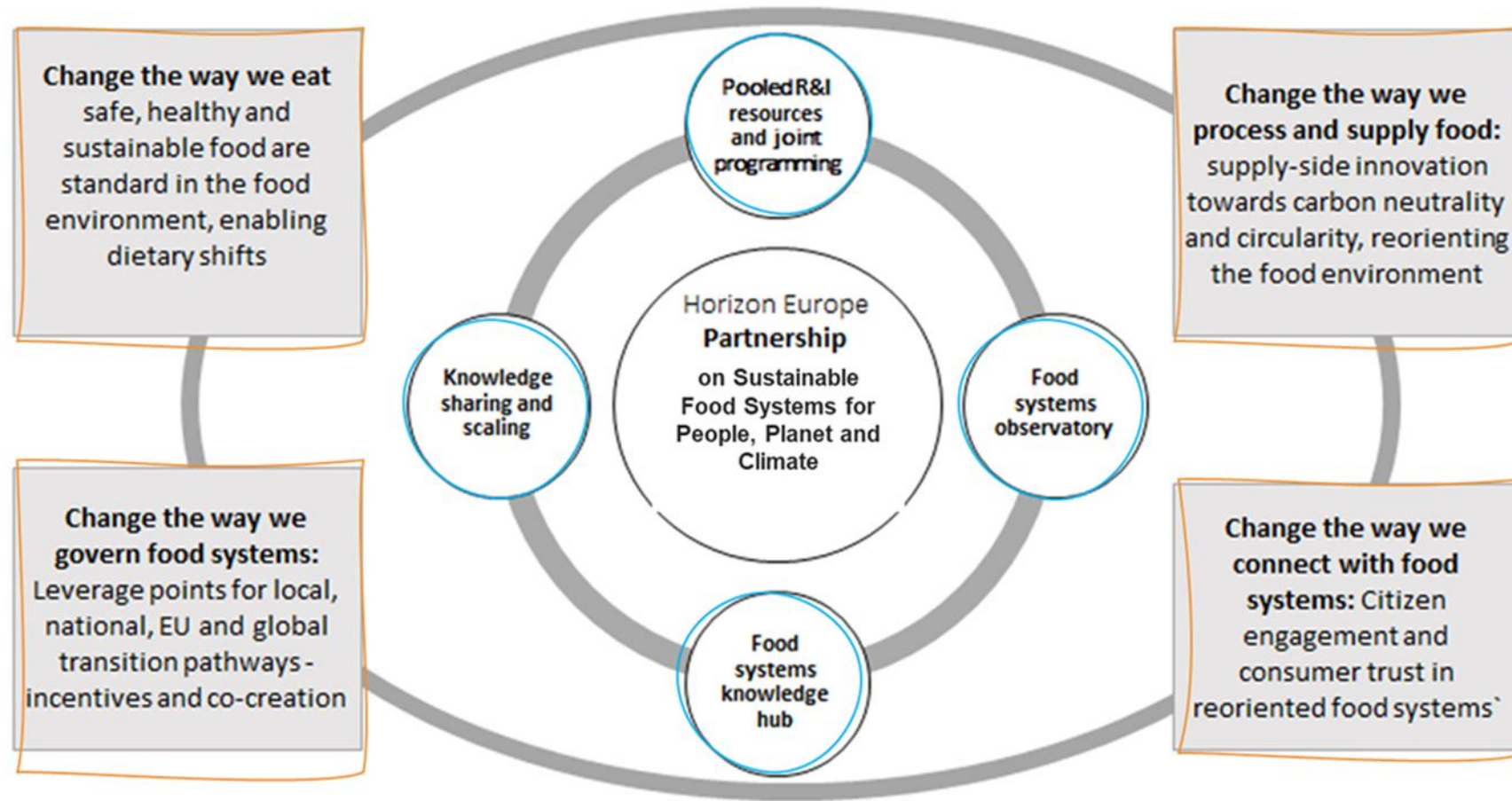
# Horizon Europe Workprogramme, MAA, living labs

- **Food Systems and agroecological solutions are place based, multi-actor approaches and living labs provide a perfect fit.**
- **The multi-actor approach is a success in terms of demand, it applies to 41% of 2023 Cluster 6 topics**
- **Living labs are strong features in**
- **The European partnership on accelerating farming systems transition, agroecology living labs and research infrastructures**
- **The European partnership on sustainable food systems for people, planet and climate**
- **the Mission ‘A Soil Deal for Europe’, 100 living labs and lighthouses**

# Food Systems 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](#)



[Webpage](#)



\* SRIA = Strategic Research and Innovation Agenda

# Common agricultural policy (CAP)

National CAP Strategic Plans (CSP) -> mapping exercise:

- Out of 1600 needs, 210 relate to knowledge, innovation and digitalization
- Priority to productivity growth
- Strong support for EIP-AGRI -> Operational Groups triple!
- Support knowledge exchange, but low budget (0.1% to 2.7% of CSP funding)
- Increased ambition to support organic farming and animal welfare
- Redistributing income
- Support to young farmers



SAVE THE DATE



BRUSSELS | 4 – 5 Dec 2023

# FOOD 2030

Green & Resilient  
Food Systems

**#FOOD2030EU**

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REGISTRATION LINK: <https://research-innovation-community.ec.europa.eu/events/5XBL7D4zP2PsfvrXmAJPv1/overview>



# Vielen Dank

und Glückwunsch zu diesem DAFA Forum, das perfekt zur europäischen Ebene passt und auf die Teilnahme an Partnerschaften, der Soil Mission und Horizon Europe Projekte vorbereiten könnte.



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