

# Updates from the SWG Food Systems activities

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Hungarian Chamber of Agriculture

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SCAR AKIS Meeting



# SCAR FOOD SYSTEMS SWG

## 2<sup>nd</sup> mandate priorities



Six actions were identified:

- **A1: Food systems of the future**
- A2. Monitoring impact
- **A3: Translate science into policy**
- A4: Consumers and Food Systems
- A5: Food system waste management
- **A6: Digitalization (DG) and Artificial intelligence (AI)**

During the 2<sup>nd</sup> mandate, the FS SWG has focused on action **A1**, **A3** and **A6**.

➤ In addition, the FOOD SYSTEMS SWG serves as a convening platform for the Horizon Europe **Partnership on Sustainable Food Systems Partnership for People, Planet & Climate** and is actively involved in its development

# Action 3. Translate Science into Policy

## Why is this action needed?

*'Scientists have knowledge, but typically limited authority to bring about change, while policy-makers have the authority, but may not be aware of the most-up-to date knowledge to inform effective change'*

AquaTT, 2015.

**Policy maker**



**Scientist**



# Action 3. Translate science into policy



**Aim:** Explore within MS the links between government ministries and independent research bodies, where research outcomes are considered as part of policy formation.

**Activities:** - conduction of the survey and data evaluation; organisation of a workshop

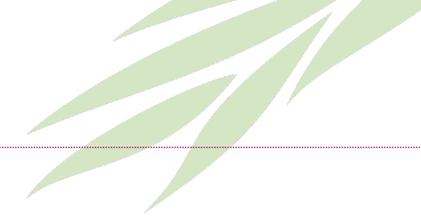
- A survey carried out in 2021 to collect examples from MS/AC of where FS research has translated into policy. **59 examples** have been collected via the survey
- The aim is to identify **how the research findings/outcomes were effective in raising awareness to the intended policymaker and stakeholder and were subsequently incorporated into the policy cycle.**

## **Deliverables:**

- Set of **best practice guidelines** in effective translation of science/research outputs to policy-practice using MS examples.
- **Policy brief**, providing **recommendations** and encapsulating measures identified that can effectively translate science into policy.

**Event:** Workshop on **Translate Science into Policy** – on **20 October 2022**, Online

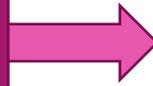
# Translate science into policy Workshop on 20 Oct. 2022, online



Objectives of the workshop on **Translate science into policy: best practices and challenges**, 20 Oct. 2022, online

## Goals

- To evaluate and identify **examples of policies**, influenced by **scientific/research outcomes** focusing on the key contributing and hindering elements in the **translation of science into policy**
- To contribute to the realization of **best practices** and **policy brief**

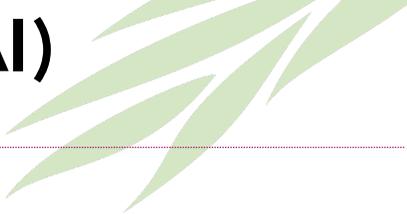


## Objectives

- Present the role **Sustainable Food Systems Partnership** can provide in science-policy advice
- Present **key findings and recommendations** of other science to policy working groups, i.e., **HLEG, FACCE JPI**
- Present the **outcomes from the International Survey**
- Seek **engagement and discussion** on the key aspects of the survey findings
- Capture **expert and key stakeholder views** on potential and **suggested best practice and frameworks**

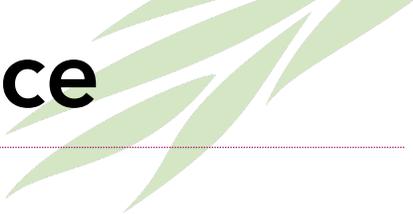
# Action 6. Digitalisation and Artificial intelligence (AI)

## *aims*



- **Digitalization** presents many types of challenges and opportunities for improving **quality, efficiency, and competitiveness** in FS (e.g., eliminate waste, engage in better forecasting and improve how they remain accountable to their customers and shareholders).
- **A6** aims to provide **strategic advice** in creation of **trust zones** and **effective communication within FS** and interconnected Systems via Digitalization and Artificial Intelligence (DG/AI) measures in the light of rapid societal challenges.
- As relevant objectives, a **systematic approach/framework** for the digitalization process in FS needs to be developed; **driving factors, best practices** and **enabling technologies** need to be discussed; the applicability of **technological solutions** for the specific FS issues need to be tested and validated.

# Action 6. Digitalisation and Artificial Intelligence



## ACTIONS

Identify **best practices** concerning capability and technologies, which support realising DG/AI within FS and other systems, also through the **cooperation** with the **ERA-NET ICT AgriFood**

- ❑ **Workshop** on “Digitalization and Artificial Intelligence for Sustainable Food Systems”
- ❑ **Methodology** allowing to evaluate the digitalization level of the country (region) food system

## EXPECTED OUTCOMES

- **Knowledge and good practices** of AI integration in FS
- Report on **potential risks and benefits**

❖ A collaboration with the **SCAR AKIS** will be encouraged in the context of the DG/AI activities

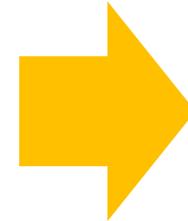
# Action 6. Digitalisation and Artificial Intelligence Workshop



Workshop on **Assessing Digitalisation in Food Systems**, **25 November**, 9.30-12.30 - online

## Objectives

- to evaluate the **trade-offs, conflicts and knowledge gaps** that emerge when DG and AI address sustainable FS
- to discuss **the need of a methodology to evaluate the degree of DG/AI integration in FS** (at different institutional levels)
- to identify how **DG can be embedded** in the **SRIA** of the **SFS Partnership**



## Expected Outcomes

- to understand the **DG and AI role in the changing sustainable FS** pathway
- to identify a **methodology/need for a methodology** to measure DG and AI integration in FS
- to identify **further actions that SCAR FS WG might implement** to improve the capacity of DG and AI to contribute to **FS transparency and effectiveness**

# The role of SCAR Food Systems SWG in developing the future SFS Partnership



- SCAR FOOD SYSTEMS SWG serves as a convening platform for the Candidate Horizon Europe Partnership on Sustainable Food Systems Partnership for People, Planet & Climate
- SCAR FS SWG initiated the drafting process of the **narrative, template** and **SRIA**.
- The SCAR FS SWG members
  - Contributed to the **content of the Narrative, Template and SRIA**
  - Provide contacts of **funding agencies** and **ministries** and
  - Establish a **link at national level**

# Sustainable Food Systems Partnership (SFS)

## Co-Creation process started in 2019

### STEP 1 – reflection on FOOD SYSTEMS Partnership

- **1<sup>st</sup> Workshop – 18<sup>th</sup> September 2019** – to identify the main challenges to be addressed by the Food Systems Partnership
- **July- September 2020:** Survey on Food Systems Partnership (DG RTD and SCAR FS SWG)
- **2<sup>nd</sup> Workshop – 01<sup>st</sup> October 2020** - exchange opinion on challenges and opportunities with various stakeholders. First outline of FS Partnership

### STEP 2 – Develop the NARRATIVE

- **January- March 2021** – Drafting of 4 NARRATIVES - 4 drafting groups - “Why, What, How and When”
- **March- June 2021:** 1 consolidated NARRATIVE and 1 factsheet (by EC)
- **3<sup>th</sup> Workshop -3<sup>rd</sup> March 2021** – Discussing synergy and identifying complementarities with other partnerships.

### STEP 3 – Write the TEMPLATE

- **May- December 2021** – DRAFTING the TEMPLATE; a core team in charge of the process, 2<sup>nd</sup> circle of experts consulted
- **4<sup>th</sup> Stakeholder Workshop – 29<sup>th</sup> September 2021** - to reflect the scope and the outcome expectations of the FS partnership.

### STEP 4 – Write the SRIA

- **2022** - Preparation of the SRIA; A TASKFORCE –team in charge of the focus areas; 60 experts involved to develop the SRIA

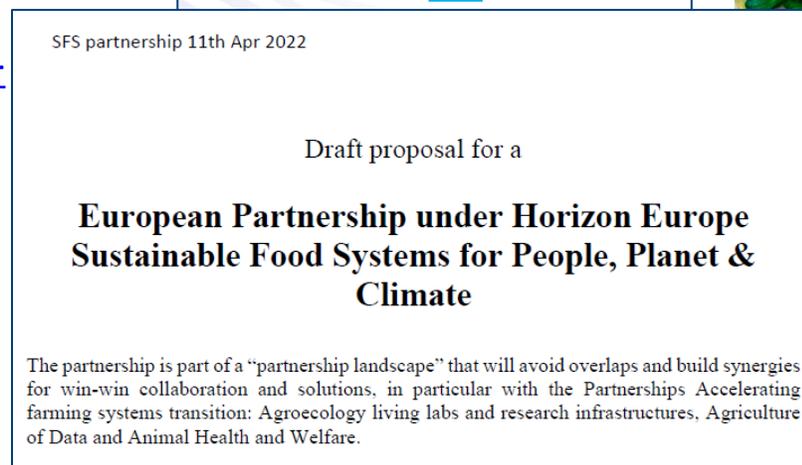
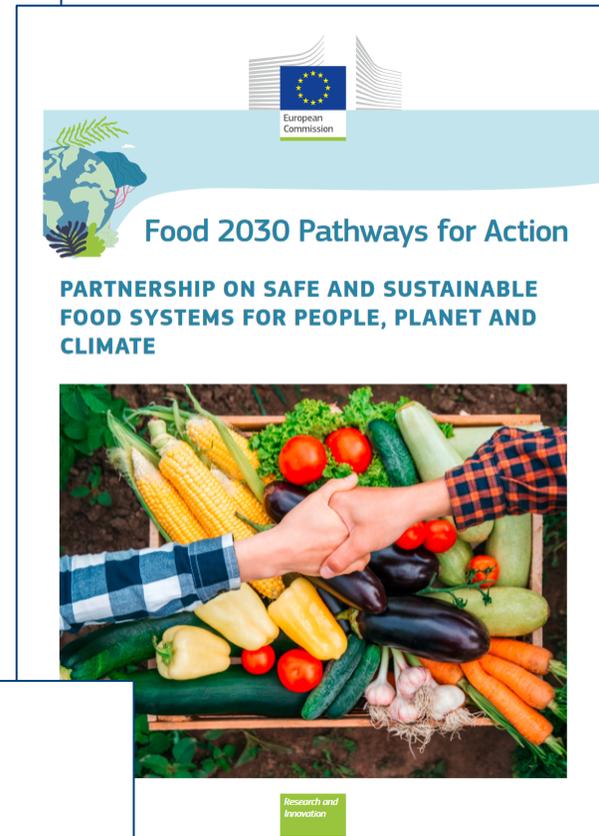
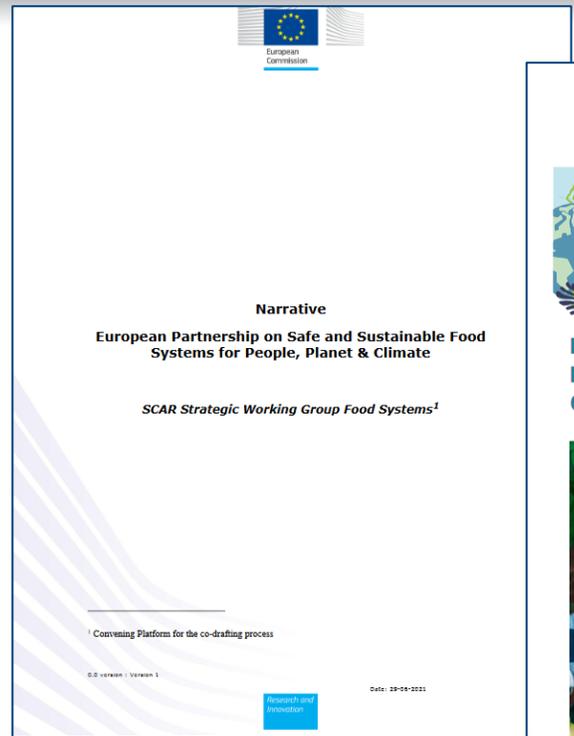
# Narrative, Factsheet, Template

- **Narrative:** <https://scar-europe.org/index.php/food-main-actions/food-systems-partnership>
- **Fact Sheet:** <https://op.europa.eu/en/publication-detail/-/publication/ca9da79e-df96-11eb-895a-01aa75ed71a1/language-en>

published in June 2021

- **Template:** [https://ec.europa.eu/info/files/european-partnership-safe-and-sustainable-food-system-people-planet-climate\\_en](https://ec.europa.eu/info/files/european-partnership-safe-and-sustainable-food-system-people-planet-climate_en)

Published in April 2022



# SFS PARTNERSHIP

## Strategic Research and Innovation Agenda (SRIA)

- The partnership on **Sustainable Food Systems for People, Planet & Climate** (P-SFS) proposal ambition is to collectively develop and implement an EU-wide committed R&I partnership, which accelerates the transition towards healthy diets that are safe and sustainably produced and consumed in resilient EU and global food systems.
- The SFS partnership focuses on **post-harvest**;
- Connection with the other cluster 6 partnerships is needed.
- **Aim of the SRIA:** The SRIA should **translate the vision of the partnership in a long-term systemic approach** to define the logic, rationales and principle of its operations.

The SRIA will:

- identify the measurable expected outcomes
- provide a framework for topics and joint activities/define the actions to be undertaken
- serve as a basis for an annual work plan for the partnership
- define the impact pathway with relevant KPIs

# Summary

## Narrative

- **November 2020 – June 2021**
- To give a direction of the Partnership
- To convince MS funding agencies, the EC and potential partners to engage and participate in the partnership
- To provide input to the development of a full document (template)

## Fact Sheet

- **June 2021**
- Compact EC fact sheet describing the proposed partnership in brief
- Based on the narrative

## Template

- **Mai –December 2021**
- To provide guidelines for preparing the FS Partnership and set the frame.
- To present main elements of the partnership: context, objectives, expected impact, planned implementation (activities; resources; governance, openness and transparency)

## SRIA

- **January –December 2022**
- Will identify the measurable expected outcomes
- Will provide a framework for topics and joint activities/define the actions to be undertaken
- Will serve as a basis for an annual work plan for the partnership
- Will define the impact pathway with relevant KPIs

# SRIA



The SRIA content has been developed by a SCAR FS SWG team and a Task Force, in collaboration with the FS SWG members and their contribution.

**4 R&I Areas** have been developed to drive the change towards Sustainable Food Systems:

- **R&I Area 1** 'Change the way we eat'
- **R&I Area 2** 'Change the way we process and supply food'
- **R&I Area 3** 'Change the way we connect with food systems'
- **R&I Area 4** 'Change the way we govern food systems'

The SFS Partnership will achieve the R&I efforts in the R&I Areas through **4 interconnected activity Areas:**

**Activity Area A** 'Pooling R&I resources and programming''

**Activity Area B** 'Launching a Food systems observatory'

**Activity Area C** 'Establishing a Food systems knowledge hub'

**Activity Area D** 'Knowledge sharing and scaling'

# Task Force members and SRIA content

<b>Focus Area (F.A)</b>	<b>Title</b> All topics considered from a systems approach	<b>Key Issues</b>	<b>SRIA Taskforce</b>	<b>Country</b>
<b>R&amp;I 1</b>	<b>Change the way we eat</b>	Transition to sustainable & healthy diets everywhere: shifting food environments and consumer behavior to promote sustainable consumption of safe, healthy, nutritious, affordable, accessible, equitable and culturally acceptable tasteful foods while tackling malnutrition in all its forms and promoting health	<b>Mirjana Gurinovic</b>	RS
<b>R&amp;I 2</b>	<b>Change the way we process and supply food</b>	Supply- and demand-side R&I topics reorienting the activities in post-farming and -fishing part of food systems to support sustainable diets	<b>Hugo de Vries</b>	FR
<b>R&amp;I 3</b>	<b>Change the way we connect with food systems</b>	Citizen engagement and consumer trust in reoriented food systems	<b>Niels Halberg</b>	DK
<b>R&amp;I 4</b>	<b>Change the way we govern food systems</b>	Leverage points for local, national, EU and global transition pathways, co-creation, including private ones like Farm to Fork code of conduct & local initiatives (e.g., cities)	<b>Gianluca Brunori</b>	IT
<b>Activity 1</b>	<b>Pooling R&amp;I resources and programming</b>	Joint transnational R&I support via project funding and alignment of funding priorities and mechanisms enabling multi-actor and systems approaches	<b>Nikola Hassan</b>	DE
<b>Activity 2</b>	<b>Launching a Food systems observatory</b>	Platform for sharing metrics, data and assessments on sustainability performance of food systems	<b>Thom Achterbosch</b>	NL
<b>Activity 3</b>	<b>Establishing a Food systems knowledge hub</b>	complex FS transformative research and FS-labs on systemic innovations at different scales (using a 'vitrine' for demo's) including Policy Labs to drive bottom-up policy innovation processes	<b>Jonas Lazaro-Mojica</b>	
<b>Activity 4</b>	<b>Knowledge sharing and scaling</b>	Adapting knowledge systems, innovation & demo platforms and science-policy interfaces for ensuring impact	<b>Minna Huttunen</b>	FI

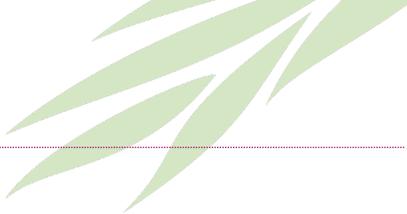
# SRIA

## Public consultation

- The aim of the **public consultation** is to collect input to further develop and strengthen the SFS partnership final version of the SRIA.
- The consultation is open until **19<sup>th</sup> December 2022, at noon.**
- However, it is recommended to respond by **mid-November** as the task force will meet to discuss first contributions
- Link to the survey: <https://www.surveymonkey.com/r/M9KC85X>
- The SRIA and an overview of the questionnaire will be published on the SCAR FOOD SYSTEMS SWG website this week.
- For any questions, please contact: [anastasiya.terzieva@inrae.fr](mailto:anastasiya.terzieva@inrae.fr)

**Your contribution is welcome**

# NEXT STEPS



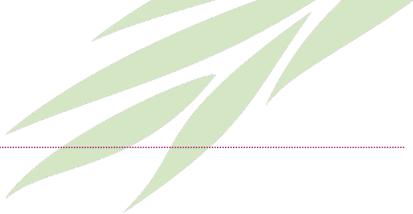
## SFS PARTNERSHIP development:

- The development of the SFS Partnership is supported by **the CSA FoodPathS** - Co-Creating the prototype “Sustainable Food Systems” Partnership - started in June 2022
- **December- January** - finalising the SRIA and incorporating feedback received via the survey
- **January 2023** - Stakeholder workshop to present the current version of the SRIA

## **SCAR FOOD SYSTEMS SWG**

- **25 Nov 2022 - 9.30 -12.30** - Workshop on Digitalisation “**Assessing Digitalisation in Food Systems**” => invitation, registration link and draft agenda will be sent out this week.
- **Oct-December** 2022- preparing the extension of the current mandate => to be presented at the SCAR Plenary in December 2022

# CONTACT



- **Chair:** Monique Axelos (INRAE, FR) : [monique.axelos@inrae.fr](mailto:monique.axelos@inrae.fr)
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    - Péter Penksza
    - Viktória Szűcs
  - *Hungarian University of Agriculture and Life Sciences (MATE)*
  
- **Website:** <https://scar-europe.org/index.php/food-mission-and-aims>

# Thank you for your attention

**Dr. Andrea Győrffy**, Hungarian Chamber of Agriculture

<https://scar-europe.org/>

**More  
information**

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