



SUSTAINABLE FOOD SYSTEMS PARTNERSHIP PRESENTATION OF THE SRIA FINAL VERSION

Final SRIA under review by EC services

WEBINAR

Presentation of the public consultation results

Minna Huttunen,
Ministry of Agriculture and Forestry (MMM), FI

14/02/2023



SRIA PRESENTATION

Agenda

Final SRIA under review by EC services

Time	Topic	Speaker
13:30 -13:40	Welcome, introduction and presentation of the public consultation results	Minna Huttunen, MMM, FI
13:40-13:50	The Why, When, What, Who & How of the Partnership Sustainable Food Systems (introductory chapters)	Hugo de Vries, INRAE, FR
13 :50 - 14 :30	SRIA presentation: R&I Areas 1, 2, 3, 4 and Activity Areas A, B, C, D	R&I Area 1 - Mirjana Gurinovic, University of Belgrade, RS R&I Area 2 - Hugo De-Vries, INRAE, FR R&I Area 3- Susanne Hansen, Aarhus University, DK R&I Area 4 -Gianluca Brunori, University of Pisa, IT/ FACCE-JPI Activity A - Nikola Hassan, Research Center Jülich/ SUSFOOD2 Activity B - Thom Achterbosch, Wageningen University & Research, NL Activity C- Jonas Lazaro-Mojica, ETP 'Food for Life' (presented by Hugo De Vries) Activity D- Minna Huttunen, MMM, FI
14 :30-14 :40	SRIA evolution and the partnership consortium	Niels Halberg, Aarhus University, DK
14:40-14:50	Q&A	Meeting chair
14:50-15:00	End of the meeting: Next Steps	Daniela Lueth, DG RTD

Aim of the public consultation

- The aim of the public consultation was to collect **input to further develop and strengthen** the SFS partnership SRIA to its final stable format.
- A kind reminder: **the SRIA will continue to follow and reflect the published SFS partnership proposal** (April 2022).
- **Consultation closed 19th Dec 2022**
- The consultation question sections:
 - A: General Questions (questions 1-10)
 - B: General SRIA evaluation (11-15)
 - **C: Research and innovation (R&I) Areas and transversal Activity Areas (16-33)**
 - D: SRIA level of ambition (34-37)
 - E: The Partnership SFS connected to other Partnerships and interaction with different stakeholders (38-43)
 - F: Final comments (44-46)

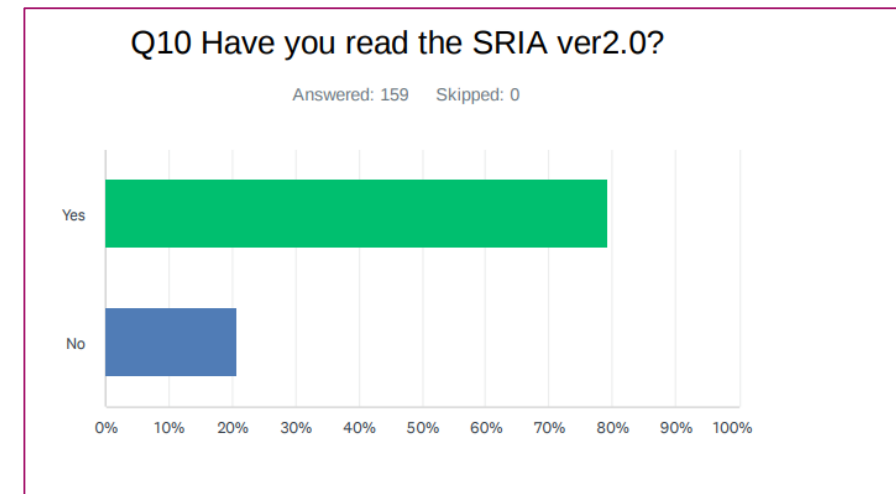
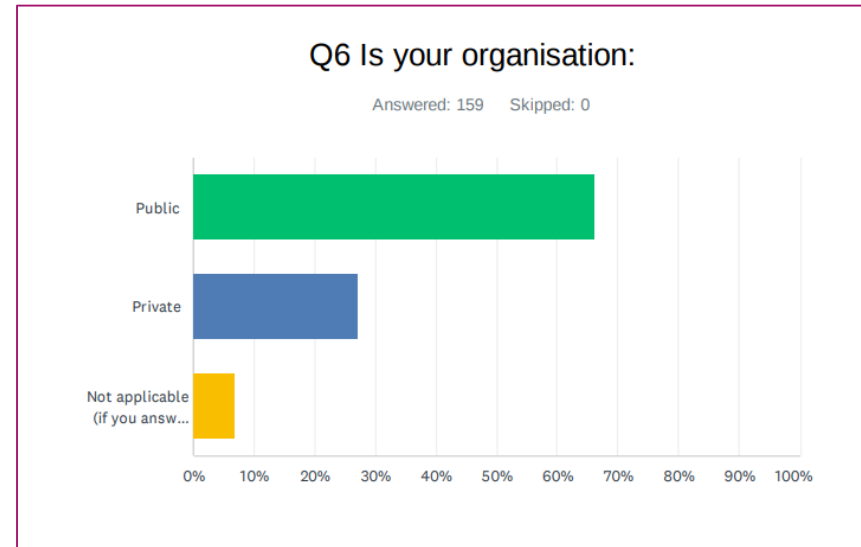
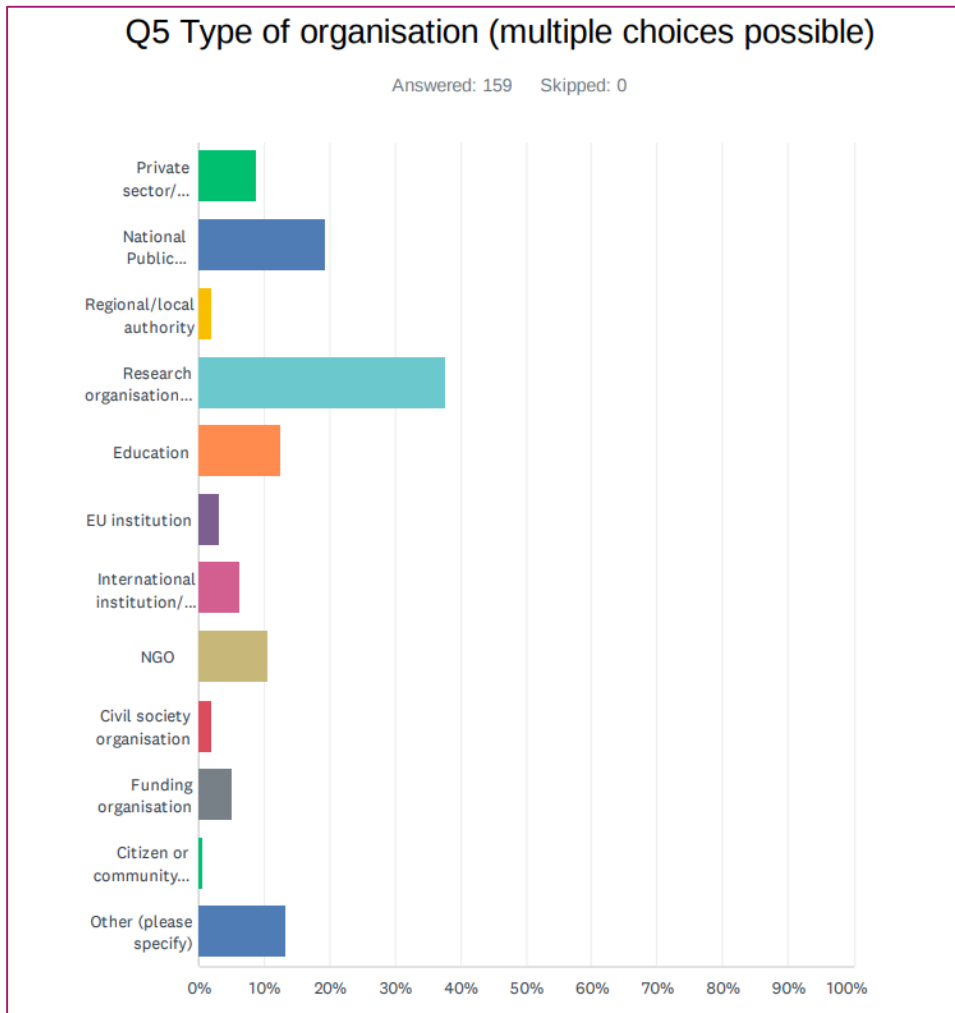
Distribution of the public consultation

The consultation request and the SRIA have been widely disseminated, reached out to all EU Member States and associated countries.

- ✦ SCAR FS SWG –published on the website
- ✦ SCAR Agroecology SWG mailing list
- ✦ Task Force - shared it with the 2nd circle of experts
- ✦ EIT FOOD
- ✦ CSA FOODPATHS
- ✦ JULICH also shared the SRIA and public consultation via their newsletter
- ✦ BIOEAST initiative
- ✦ DG RTD - sent out to the FOOD 2030 Stakeholder list
- ✦ DG SANTE - sent out the SRIA to their mailing list 'Code of Conduct'
- ✦ EFSA – sent out the document to their Advisory Forum Members and Observers and Focal Point Members. Their mailing list includes all EU countries and associated countries: Switzerland, Iceland, Albania, Kosovo, Montenegro, North Macedonia, Serbia
- ✦ EUFIC – circulated the SRIA via their LinkedIn
- ✦ Sent out to the European information resource Network – EuroFIR, CAPNUTRA network in Balkan region (Bosnia and Herzegovina, Croatia, Montenegro, North Macedonia, Slovenia and Serbia)

Results of the public consultation

A: General Questions: Responder is most often public research organization and 80% have read the SRIA.



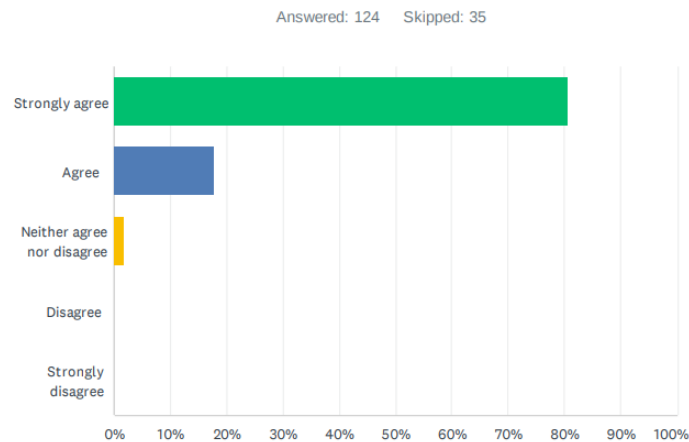
Results of the public consultation

B: General SRIA evaluation: The SFS partnership is relevant and its vision and mission are supported

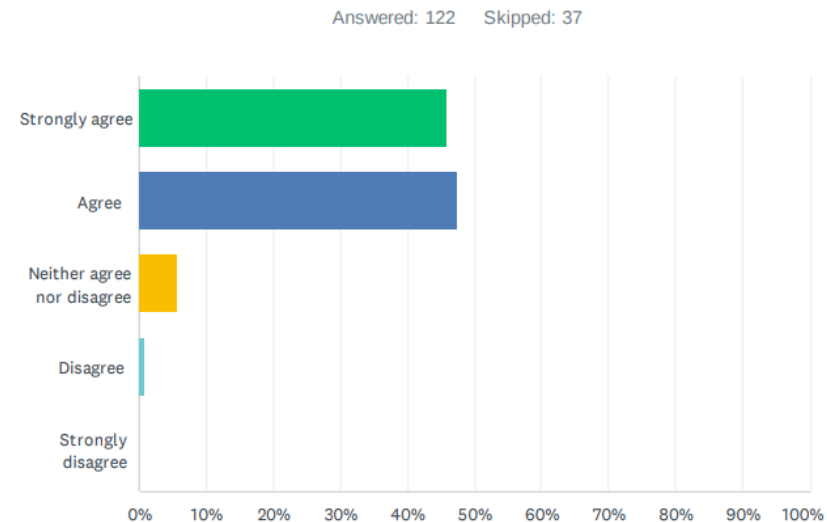
The overarching **VISION** of the Sustainable Food Systems Partnership is that its actors collectively will achieve environmentally-friendly, socially secure and fair, economically viable, healthy and safe food systems in Europe in order to help realise its goals of the Farm to Fork strategy, in line with the global ambitions of United Nations (UN) Sustainable Food Summit 2021.

The **MISSION** of the Partnership is to mobilize Research and Innovation (R&I) to accelerate the transition towards Sustainable Food Systems with a wide range of actors, who are joining forces in this Partnership.

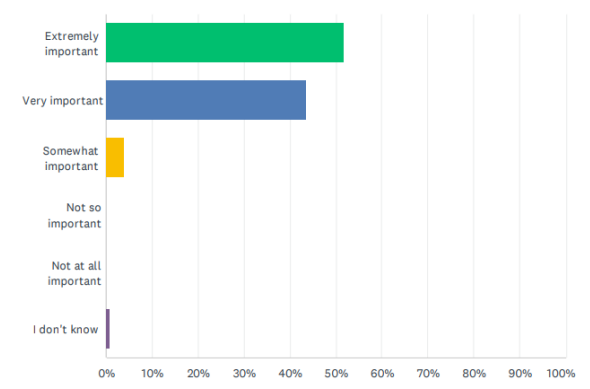
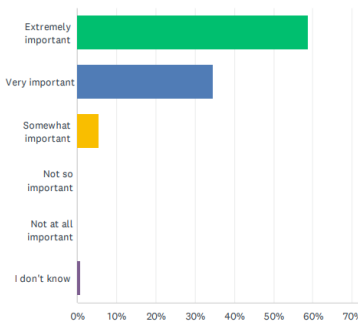
Q11 Do you agree building Sustainable Food Systems is central to the transition to a 'Sustainable Europe by 2030' and key to meeting the European Green Deal, the Farm to Fork strategy and Food2030 ambitions on 'climate & sustainability', 'nutrition & health', 'circularity & resource efficiency' and 'innovation & communities'?



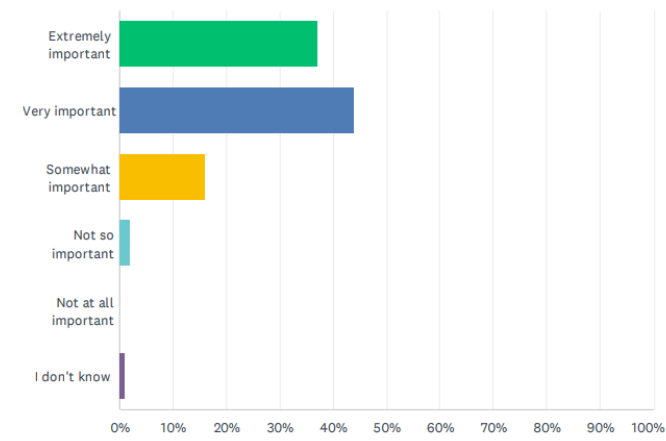
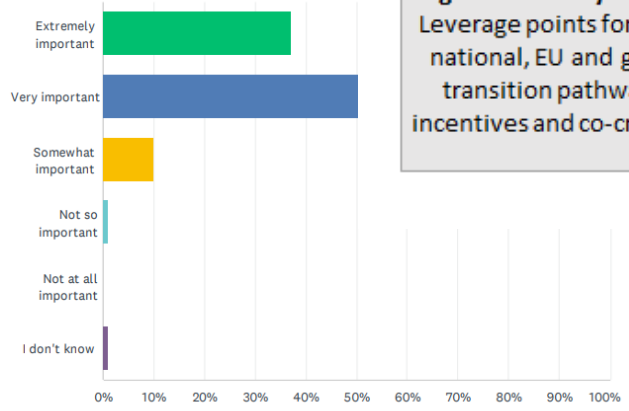
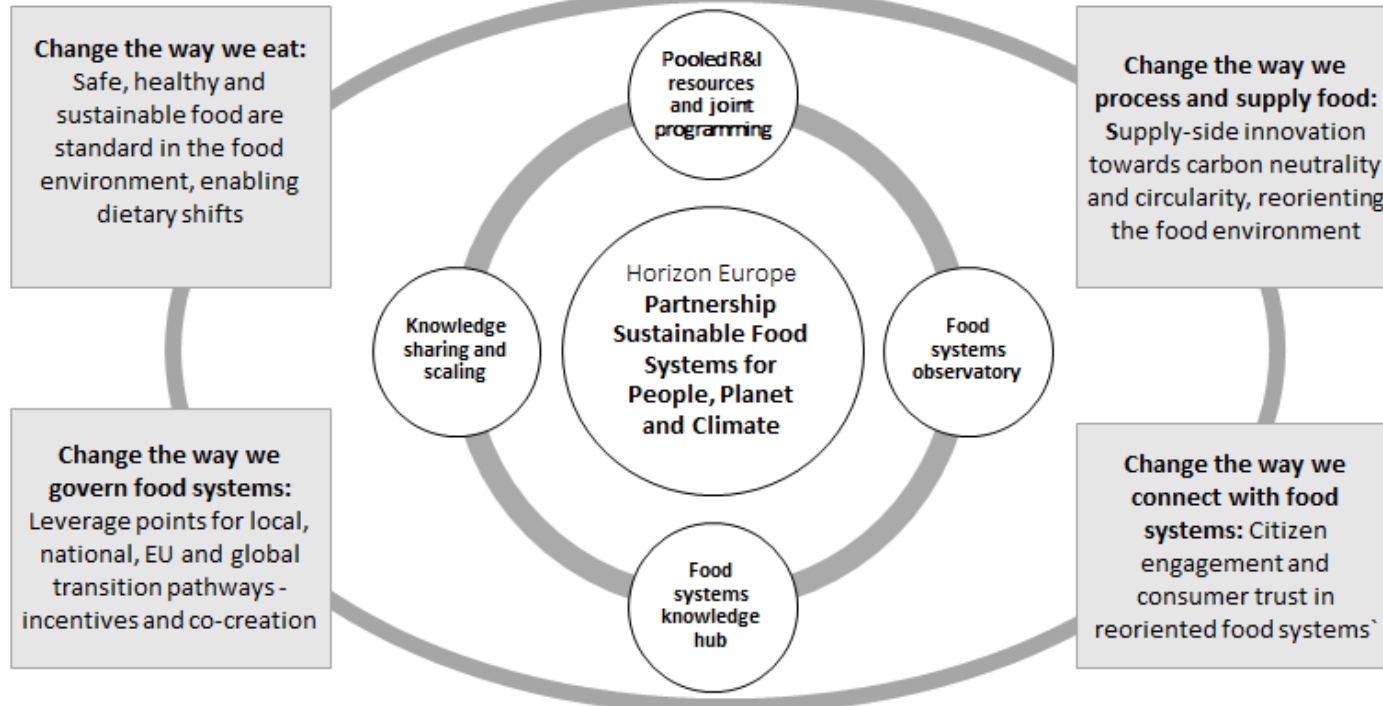
Q12 To what extent do you agree with the vision and mission (chapter 4)?



Section C: The R&I Areas and transversal Activity Areas are relevant and will contribute to building sustainable food systems



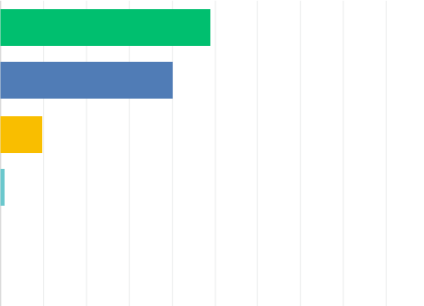
Enable R&I to drive food systems transformation processes



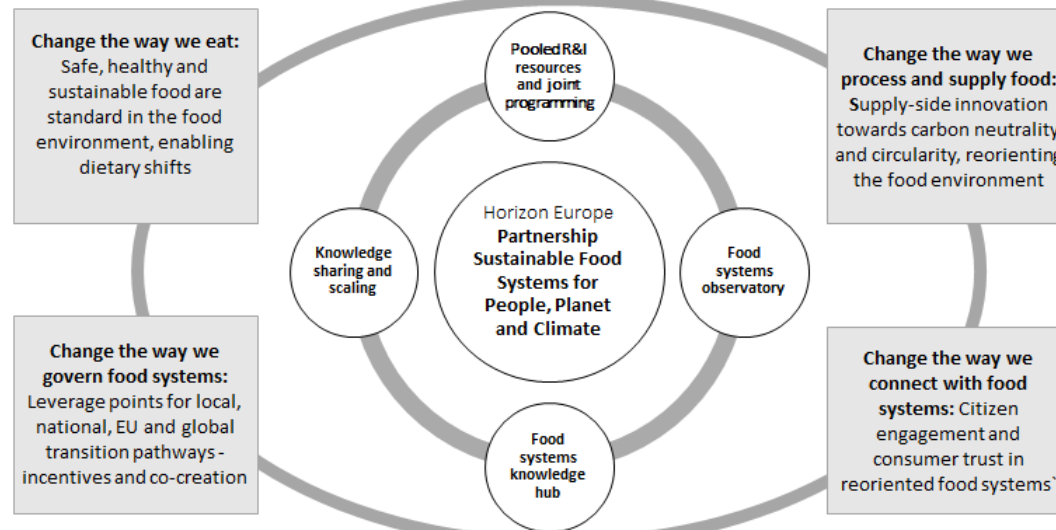
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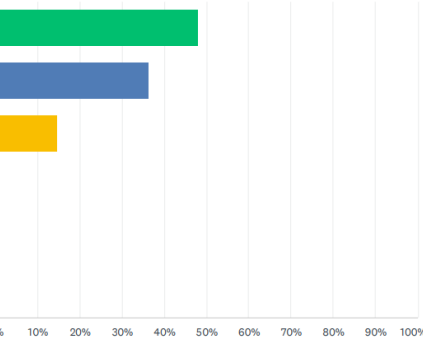
Extremely important
Very important
Somewhat important
Not so important
Not at all important
I don't know



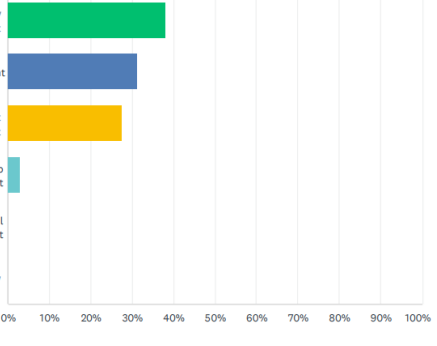
Enable R&I to drive food systems transformation processes



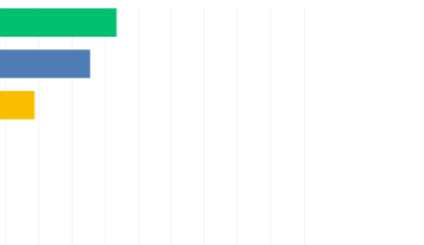
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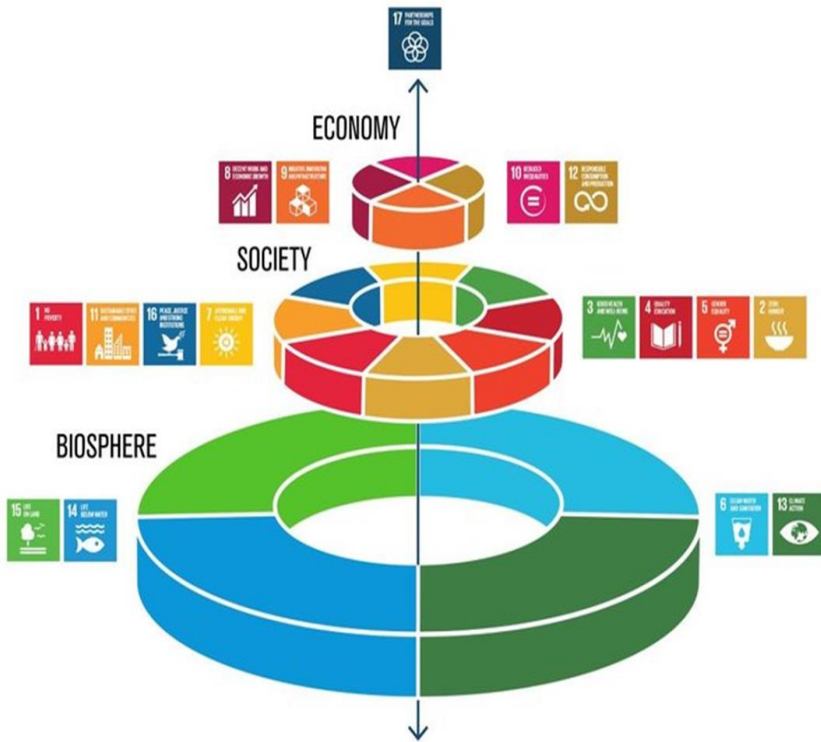
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Extremely important
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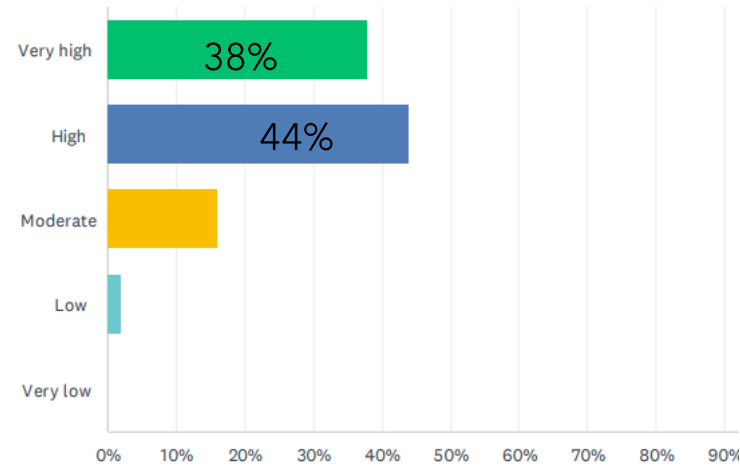


Section D: What is the level of ambition in the SRIA regarding the different aspect of sustainable food systems



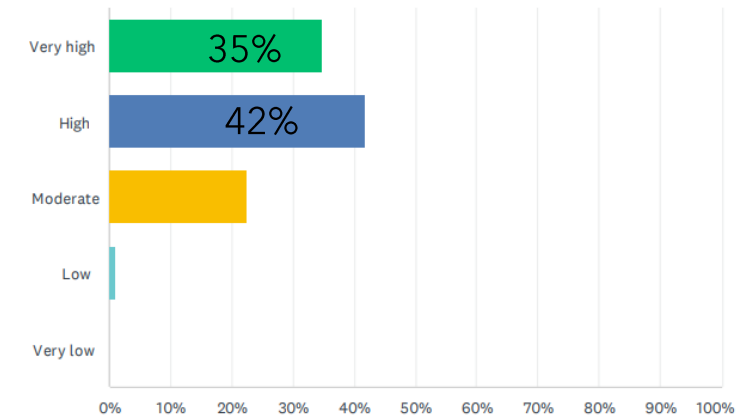
Q34 Environmental aspect

Answered: 100 Skipped: 59



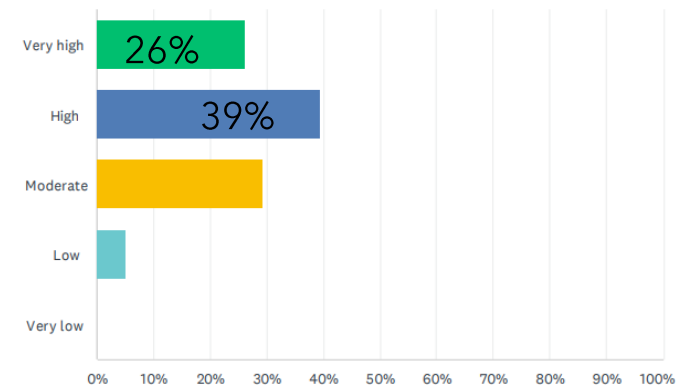
Q36 Social aspect

Answered: 98 Skipped: 61



Q35 Economical aspect

Answered: 99 Skipped: 60



Public consultation summary



- The SFS partnership is relevant and its vision and mission are supported.
- Introduction clearly describes what 'challenges to tackle'.
- Intervention logic supports the vision and mission. And the food systems approach is present in the SRIA.
- The R&I Areas and transversal Activity Areas are **relevant** and **will contribute** to building sustainable food systems
 - Change the way we process and supply and Change the way we eat
 - All transversal activities are very relevant
- The level of ambition regarding the aspects of sustainable food system is:
ENVIRONMENTAL > SOCIAL > ECONOMICAL
- The SFS partnership is complementary to the other cluster 6 partnerships

Thank you for your attention

Minna Huttunen, Ministry of Agriculture and Forestry, Finland

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

**More
information**

SCAR
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**SUSTAINABLE FOOD SYSTEMS PARTNERSHIP
PRESENTATION OF THE SRIA
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The Why, When, What, Who & How of the Partnership

Hugo de Vries, INRAE, FOODPathS (FR)

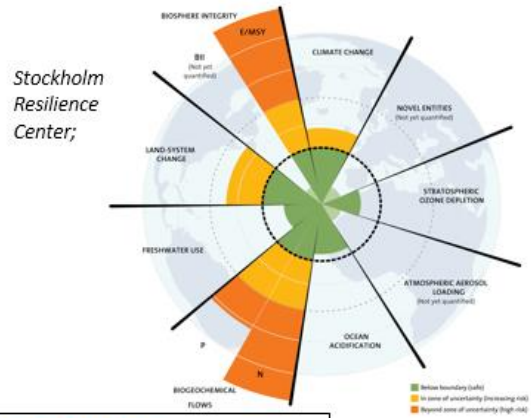
with highly appreciated input from the Coordinating Team, the Taskforce and the expert groups

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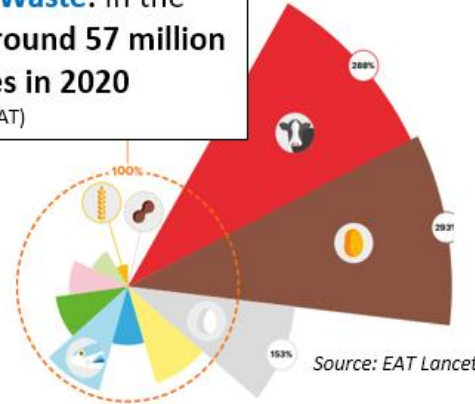


Why?

NEEDS



Food Waste: In the EU, around 57 million tonnes in 2020 (EUROSTAT)



EU: Obesity: ~15%; Overweight: ~50%;
G. Brunori, SCAR SW FS, figures of 2017



EVIDENCE

ACTIONS

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

https://ec.europa.eu/info/files/european-partnership-safe-and-sustainable-food-system-people-planet-climate_en

Since 2019: numerous workshops
June 2021 – Narrative & Fact sheet
April 2022 – TEMPLATE

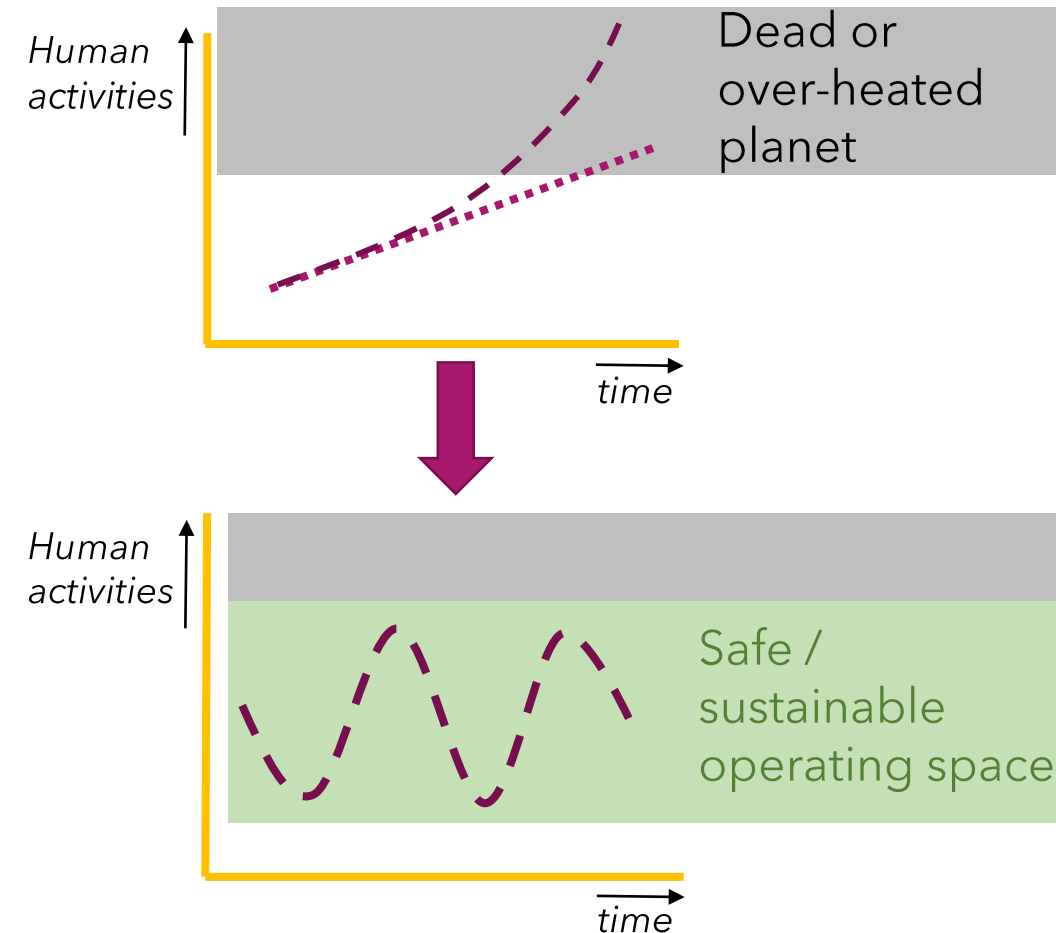
Why > vision & mission of P-SFS?

- **VISION:** its actors **collectively** will **achieve** environmentally-friendly, socially secure and fair, economically viable, healthy and safe food systems in Europe in order to help **realise its goals** of the Farm to Fork strategy, in line with the global ambitions of United Nations (UN) Sustainable Food Summit 2021.
- **MISSION:** to **mobilize** Research and Innovation (R&I) to **accelerate the transition** towards SFS with a wide range of actors in P-SFS.

When?

- Today!
- With first results tomorrow!
- And sustainable food systems in 2050 at the latest!

➤ *A transition from linearly / exponentially increasing towards balancing outcomes*



What? *(post farming & fishing oriented ↔ FS)*

Vertical

TF1 - Change the way **(what)** we eat

TF2 - Change the way we process and supply

TF3 - Change the way we connect **(act)** citizens and food production

TF4 - Change the way we govern the food systems

Horizontal

TF5 - Co-funding and Programming

TF6 - FS observatory, data, methods

TF7 - FS knowledge hub of FS Labs

TF8 - Knowledge sharing and scaling

https://scar-europe.org/images/FOOD/Main_actions/Food-Systems-Partnership_Narrative-06-2021.pdf

https://research-and-innovation.ec.europa.eu/system/files/2022-04/ec_rtd_he-partnership-sustainable-food-systems-april_2022.pdf

Who? > a vibrant community, *all over Europe!*

'Citizens/actors' in:

- 🍃 public (local, regional, national, EU, global),
- 🍃 private (incl. SMEs & start-ups),
- 🍃 research-education,
- 🍃 philanthropic,
- 🍃 NGOs,
- 🍃 civil, etc. organisations.

🍃 Since this Partnership is post-farming and -fishing-oriented, it will join forces with other Partnerships.



SRIA, page 55



E.g. FOODPathS, a network of networks



How?

Understanding FS

Developing system approaches

Establishing a vibrant community > P-SFS

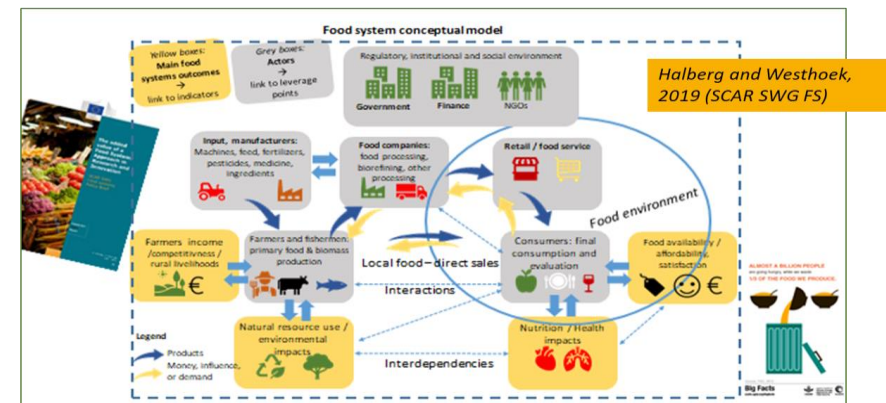
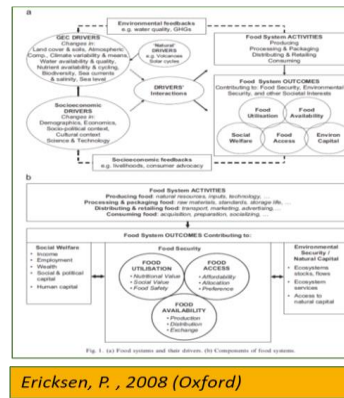
Impact (what we like to achieve)			
A European Sustainable Food System in 2050 and beyond based on inter-connected, territorialised, sustainable food systems (being fair, safe, healthy, biodiverse, ..)			
Outcomes:			
EU-wide functioning Partnership, based on collective and inclusive actions, providing knowledge for realising European SFS Policies, as well as public and private sector opportunities			
Strong foundation for a European SFS Research Area, connected to global initiatives, with harmonised EU-wide policies and regulations, while respecting locally diverse contexts			
General objective ('we like to'):			
1. Understand <u>what SFS are</u> , how they function and how to enable their development;			
2. Demonstrate that the partnerships ' <u>systemic approach</u> ' functions as a <u>catalyst</u> – for many FS actors – to jointly transform FS into SFS (also beyond the lifetime of the Partnership);			
3. Ensure that the <u>well-governed Partnership</u> contributes to SFS via frameworks and evidence-supporting policy options for EC objectives in F2F Strategy, Missions, Green Deal, UN-SDGs			
4. <u>Co-create</u> with various actors in a diversity of Living Labs to develop SFS concepts.			
Specific objectives (leading to concrete outputs that are generically applicable):			
i. Deepen insights in SFS research and innovation in particular in 4 thematic R&I areas, all considered from a FS lens and supporting transition through Living Labs;			
ii. Develop an <u>innovative, systems approach</u> that changes our way of collaborative working in RIPE activities;			
iii. Establish a vibrant epistemic community based on accepted working procedures, joint activities, and pooled resources that works together with related Partnerships.			
Thematic R&I Areas			
R&I Area 1: Change the way we eat: Transition to sustainable healthy diets everywhere: shifting dietary patterns and consumption of safe, healthy, nutritious, affordable, accessible, equitable with reduced environmental footprint and culturally accepted foods.	R&I Area 2: Change the way we process and supply food: Supply- and demand-side research and innovation topics reorienting the activities in post-farming and fishing to reach sustainable healthy diets.	R&I Area 3: Change the way we connect with food systems: Citizen engagement and consumer trust in reoriented food systems delivering sustainable diets.	R&I Area 4: Change the way we govern food systems: Leverage points for local, national, EU and global transition pathways, public procurement, F2F code of conduct & local initiatives (incl. cities).
Transversal Activities			
Activity A: Pooling R&I resources and programming Joint transnational R&I support via project funding and alignment of funding priorities and mechanisms enabling multi-actor and systems approaches	Activity B: Launching a FS observatory Platform for sharing methods, metrics, data and assessments on the sustainability performance of food systems	Activity C: Establishing a FS Knowledge Hub for complex FS, transformative research and FS-Labs on systemic innovations at different scales (using a 'vitrine' for demo's)	Activity D: Knowledge sharing, and scaling: Adapting knowledge systems, innovation & demo platforms and science-policy- society interfaces for ensuring impact
Process cycle (for all Activity Areas)			
Foresights & planning (strategy & portfolio management), acting and developing (collaborative activities in FS labs), monitoring (via P-SFS specific KPI's), analysing and assessing, learning and deliberating, sharing and scaling, feeding back and adapting (the cycle of activities in different contexts), Impacting and strengthening the ERA			

How? (II) system approaches

'Process cycles with multi-interacting-actors'



Translated in food system approaches



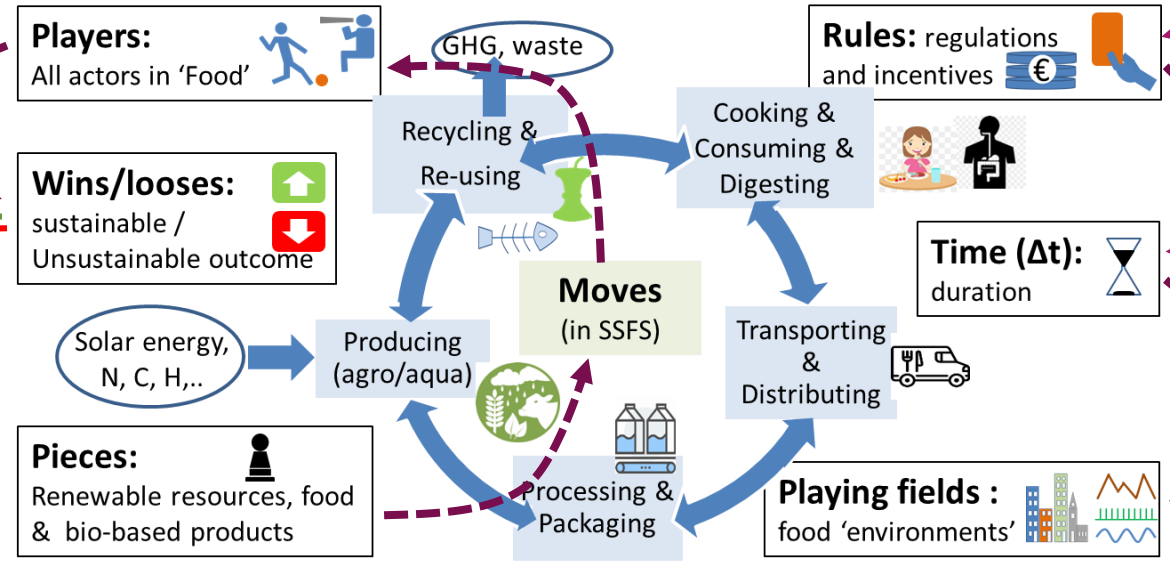
How? (III)

Working with a concept that 'all actors' know (inclusive!)

F2F objective: '25% organic farming' in 2030

Healthy & sustainable diets (& e.g. new fermented food)

Unsustainable diets, increased poverty in developing countries



Thank you for your attention

DG RTD



The future
P-SFS



More
information

*ALL: good luck on
this challeging but
motivating
adventure*

The SRIA team



But only 1 night

https://www.clipartmax.com/middle/m2i8H/m2Z5m2G6d3_free-to-download-funny-cartoon-animals-sleeping-cartoon-picture-of-sleeping/





SUSTAINABLE FOOD SYSTEMS PARTNERSHIP

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R&I AREA 1

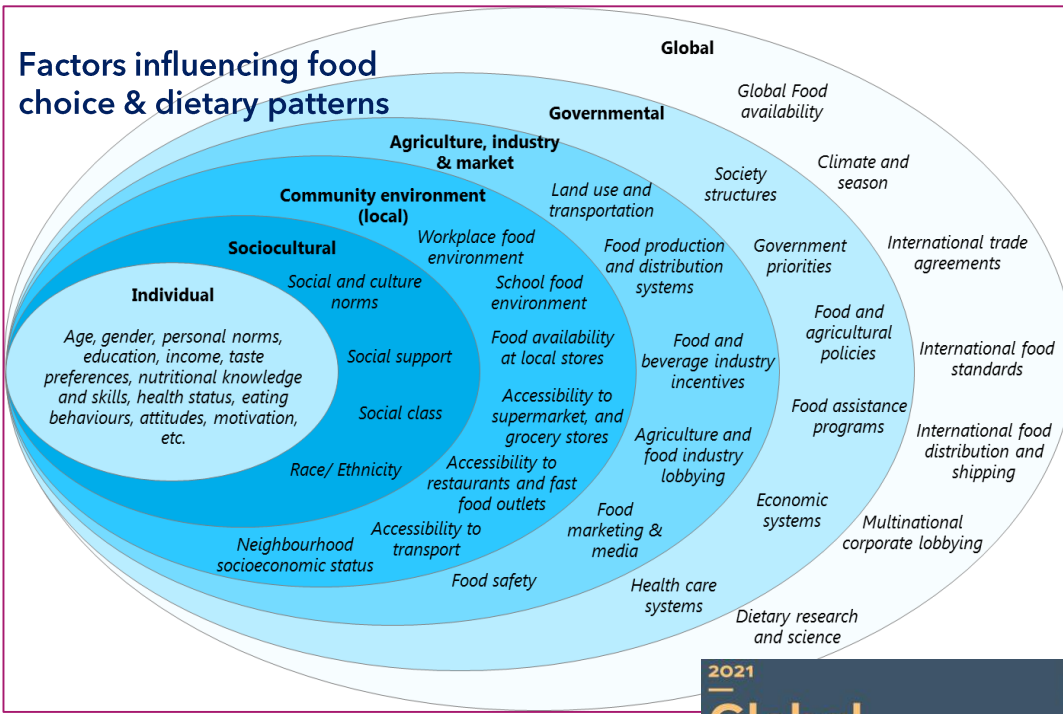
‘Change the way we eat’

Mirjana Gurinovic,
University of Belgrade, RS

14/02/2023

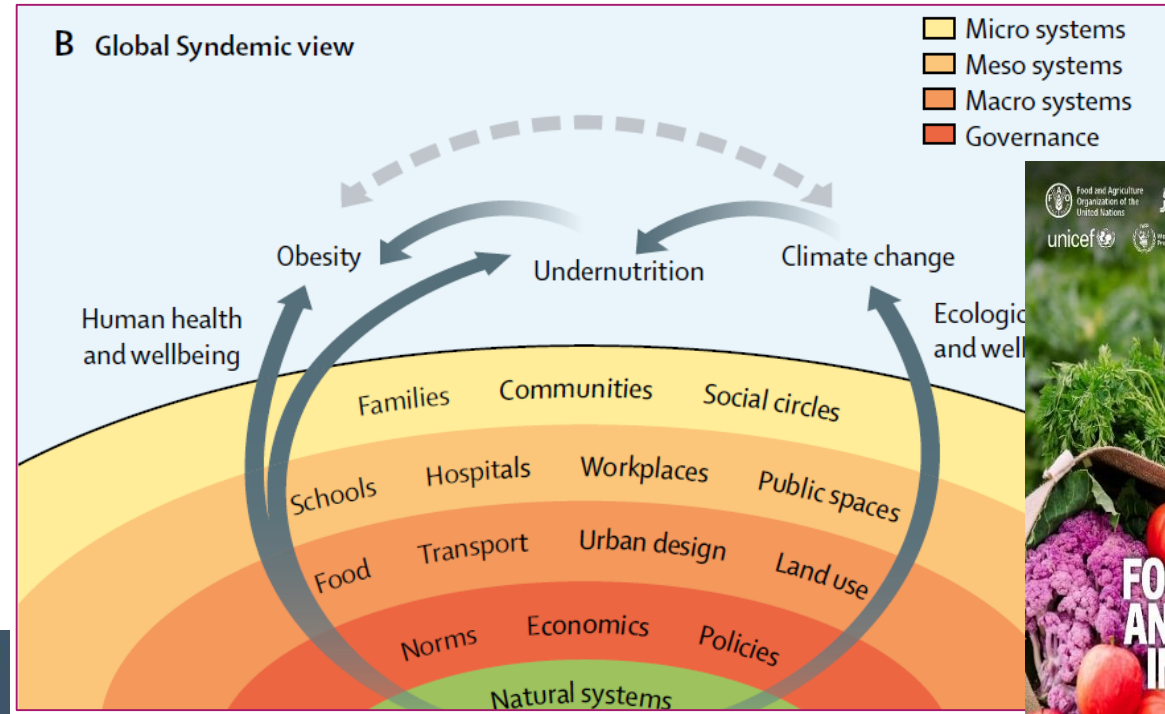
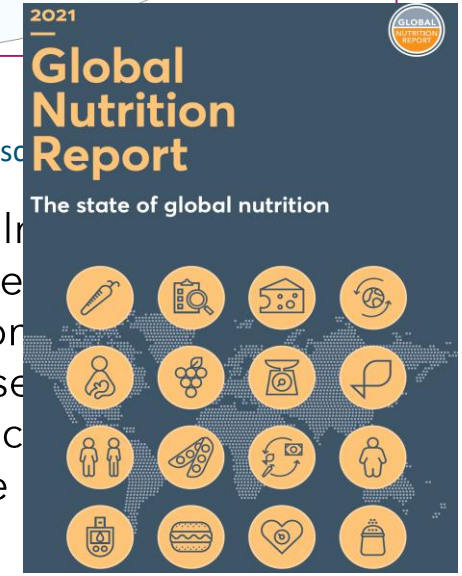


Two perspectives on “the way we eat”



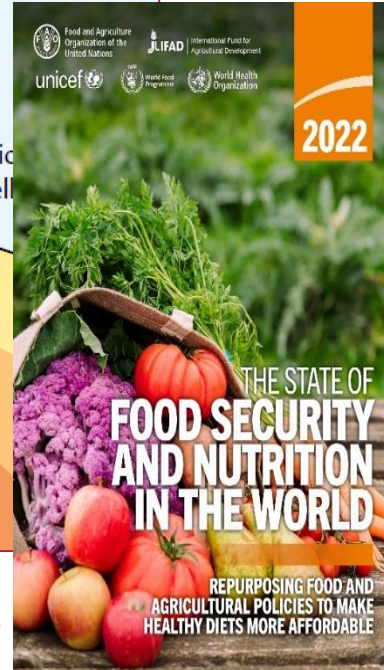
Afshin et al. In: Yamey G, ed. The Handbook of Global Health Policy. Wiley-Blackwell, San Francisco

Traditional anthropocentric view. It usually aim to change individual behaviour through knowledge, information, education and freedom of choice. Decades of research on food choices largely driven by taste, price and convenience. Health and sustainability down the

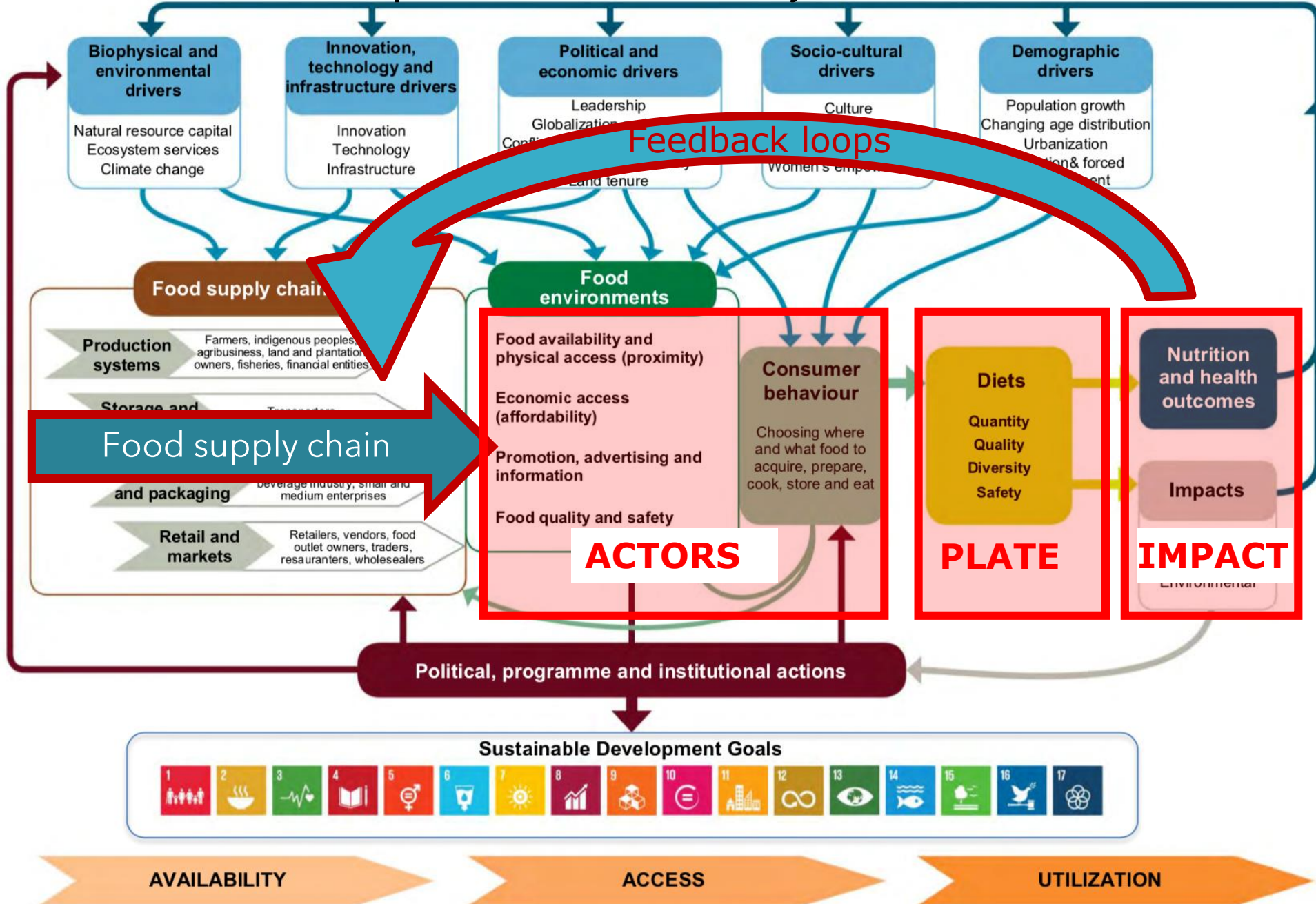


Swinburn, The Global Syndemic of Obesity, Undernutrition, and Climate Change: The Lancet Commission report, Lancet 2019; 393: 791–846

Global syndemic view. Natural system central. Three pandemics obesity, undernutrition, and climate change have common roots in nature and governance, trickling down to dietary behaviour, **in every country and region worldwide.**



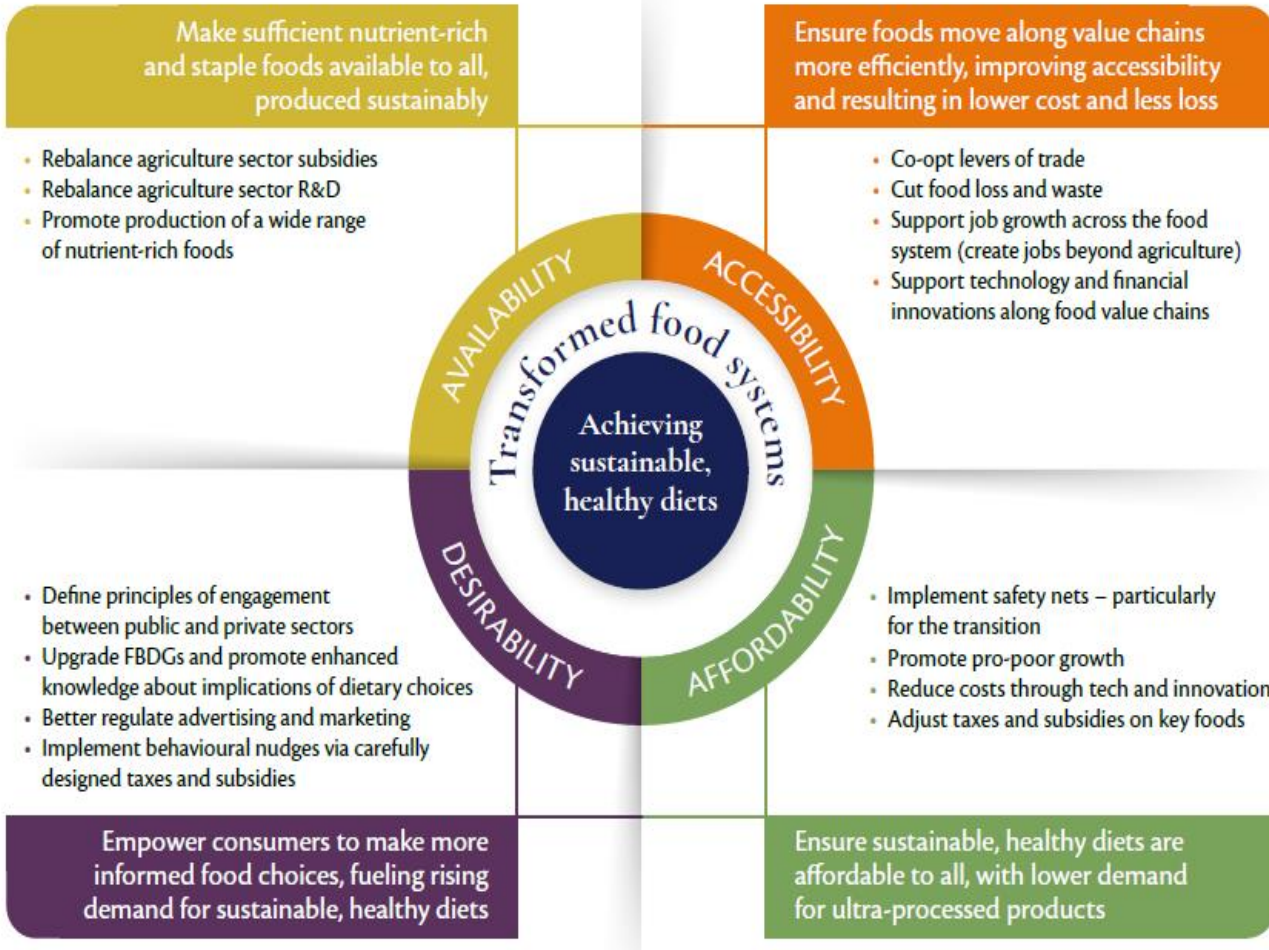
Conceptual framework of food systems for diets and nutrition (FAO, HLPE 2017)



- PLATE** is pivotal
 - In all pathways
- IMPACT** of diet
 - Health**
 - Environment**
- ACTORS**
 - Consumers
 - Retail,
 - Culture (social)**
 - Economy**

- FOOD SYSTEM**
 - Supply chain & feed back loops
 - Interventions by policy, industry

Figure 1: Priority policy actions to transition food systems towards sustainable, healthy diets



SCAR

Standing Committee on Agriculture and Fisheries

Source: Global Panel on Agriculture and Food Systems for Nutrition. 2020.

Future Food Systems: For people, our planet, and prosperity. London, UK

European Commission

FOOD 2030 PATHWAYS FOR ACTION

Research and innovation policy as a driver for sustainable, healthy and inclusive food systems

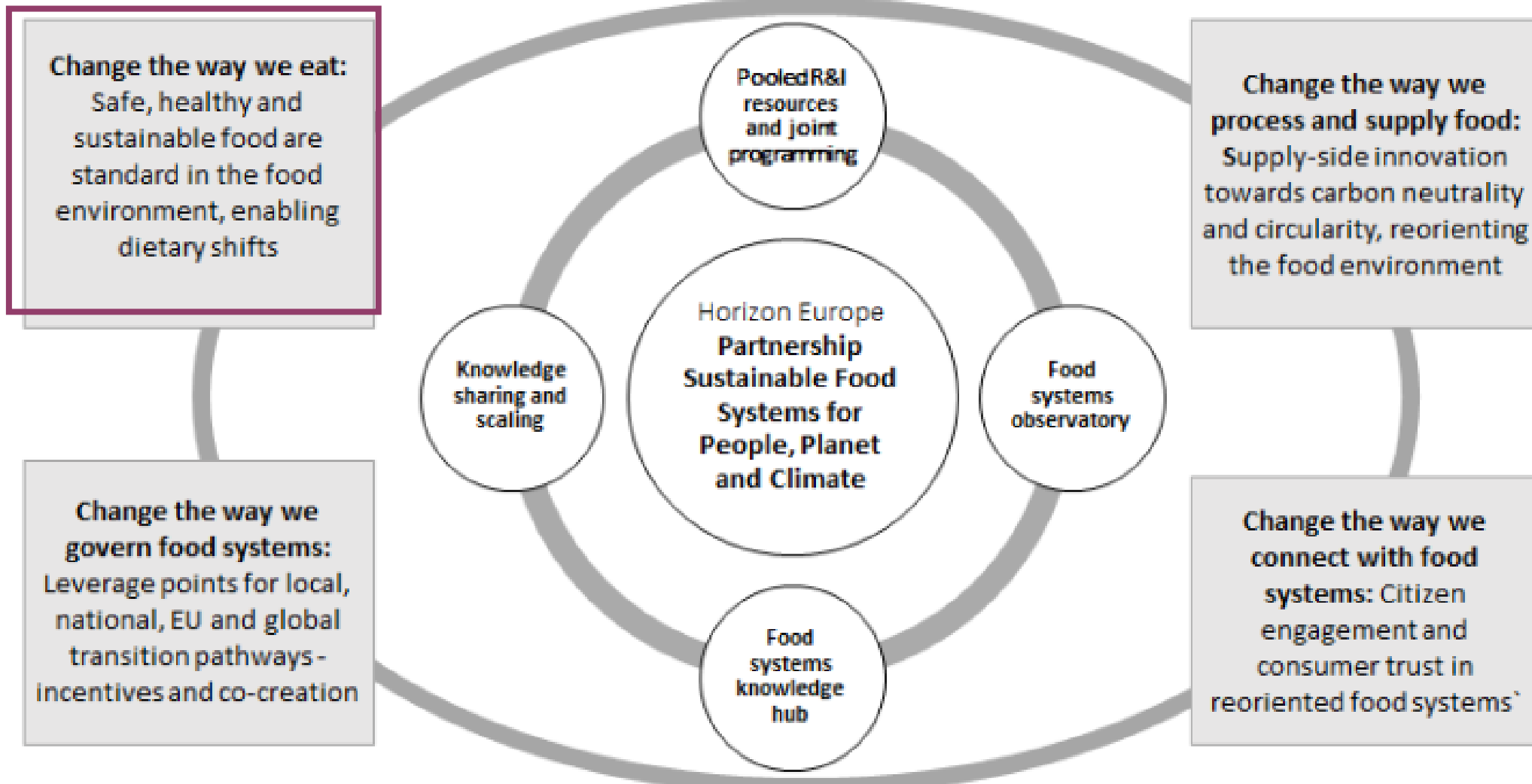
FOOD 2030

NUTRITION
CLIMATE
CIRCULARITY
INNOVATION

#FOOD2030EU

Research and Innovation

Enable R&I to drive food systems transformation processes

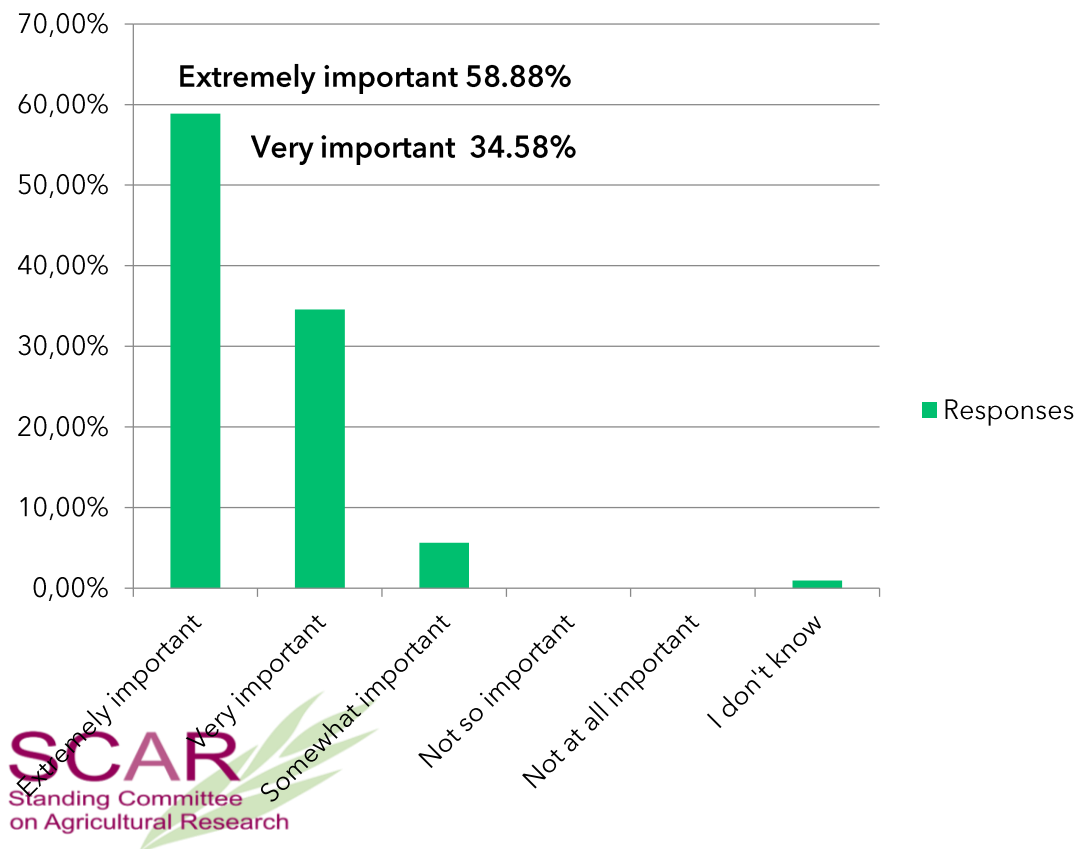


Transition to sustainable & healthy diets everywhere: shifting food environments and consumer behavior to promote sustainable consumption of safe, healthy, nutritious, affordable, accessible, equitable and culturally acceptable tasteful foods while tackling malnutrition in all its forms

R&I AREA 1 'Change the way we eat'

Public consultation main feedback

R&I Area 1: 'Change the way we eat'
importance

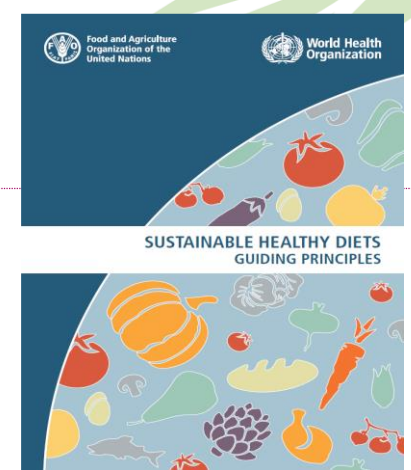


- Many comments in support of the content which was already included in R&I Area 1.
- Strong support to the systems approach and the integration of health, nutrition and other sustainability aspects seen in a holistic way.

R&I AREA 1 'Change the way we eat'

■ DEFINITION -SUSTAINABLE HEALTHY DIETS (SHD)

The partnership on Sustainable Food Systems will adhere to the definition of sustainable diets as defined jointly by FAO and WHO (2019)* under the term “**Sustainable Healthy Diets**”. ***Sustainable Healthy Diets (SHD) are dietary patterns that promote all dimensions of individuals' health and wellbeing; have low environmental pressure and impact; are accessible, affordable, safe and equitable; and are culturally acceptable. The aims of Sustainable Healthy Diets are to achieve optimal growth and development of all individuals and support functioning and physical, mental, and social wellbeing at all life stages for present and future generations; contribute to preventing all forms of malnutrition (i.e. undernutrition, micronutrient deficiency, overweight and obesity); reduce the risk of diet-related NCDs; and support the preservation of biodiversity and planetary health. Sustainable healthy diets must combine all the dimensions of sustainability to avoid unintended consequences.***



*FAO and WHO. 2019. Sustainable healthy diets – Guiding principles. Rome, <https://www.fao.org/3/ca6640en/ca6640en.pdf>

Public consultation main feedback



- **Food and nutrition security**-*The triple burden of malnutrition - undernutrition, overweight and obesity, and micronutrient deficiencies, is present to variable degrees in all EU countries (Swinburn et al., 2019; FAO, 2021).*
- **Systems approach, transformation**- *'Food System Based Dietary Guidelines' (FSBDGs).*
- **Consumer/citizen understanding, communication, choices , innovative communication and messages** (personalized vs generalized dietary recommendations etc.-*Increase understanding of food consumption, dietary patterns, and dietary intake in relation to health in vulnerable population groups, e.g. in children, adolescents, and the elderly and the potential for development and uptake of sustainable healthy dietary guidelines for consumer groups/individuals with specific needs.*
- Differences in food, nutrition and health outcomes with a different socio economic status , vulnerable population and gender
- **New Food sources: Potential health impacts** - *e.g. nutrient deficiencies, bioactive compounds, digestibility, anti-nutritional compounds and contaminants - from significant dietary changes to new food sources from plants, marine resources, cell culture*
- **Food safety aspects**-surveillance of contaminants-New food sources dietary changes may impact on human exposure to biological and chemical hazards, including well known and new types of contaminants
- **European standards for food labeling** in line with the EU strategies re. Environmental footprint and sustainability
- **Other aspects/comments** -not relevant to R&I Area 1 (FS Observatory , R&I 2 /3 , Knowledge sharing, and scaling)

Thank you for your attention

Mirjana Gurinovic, University of Belgrade, RS

Contact:

mirjana.gurinovic@gmail.com

Many thanks and highly appreciated input from the Coordinating Team, the Taskforce and the expert group members.

More
information

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R&I AREA 2

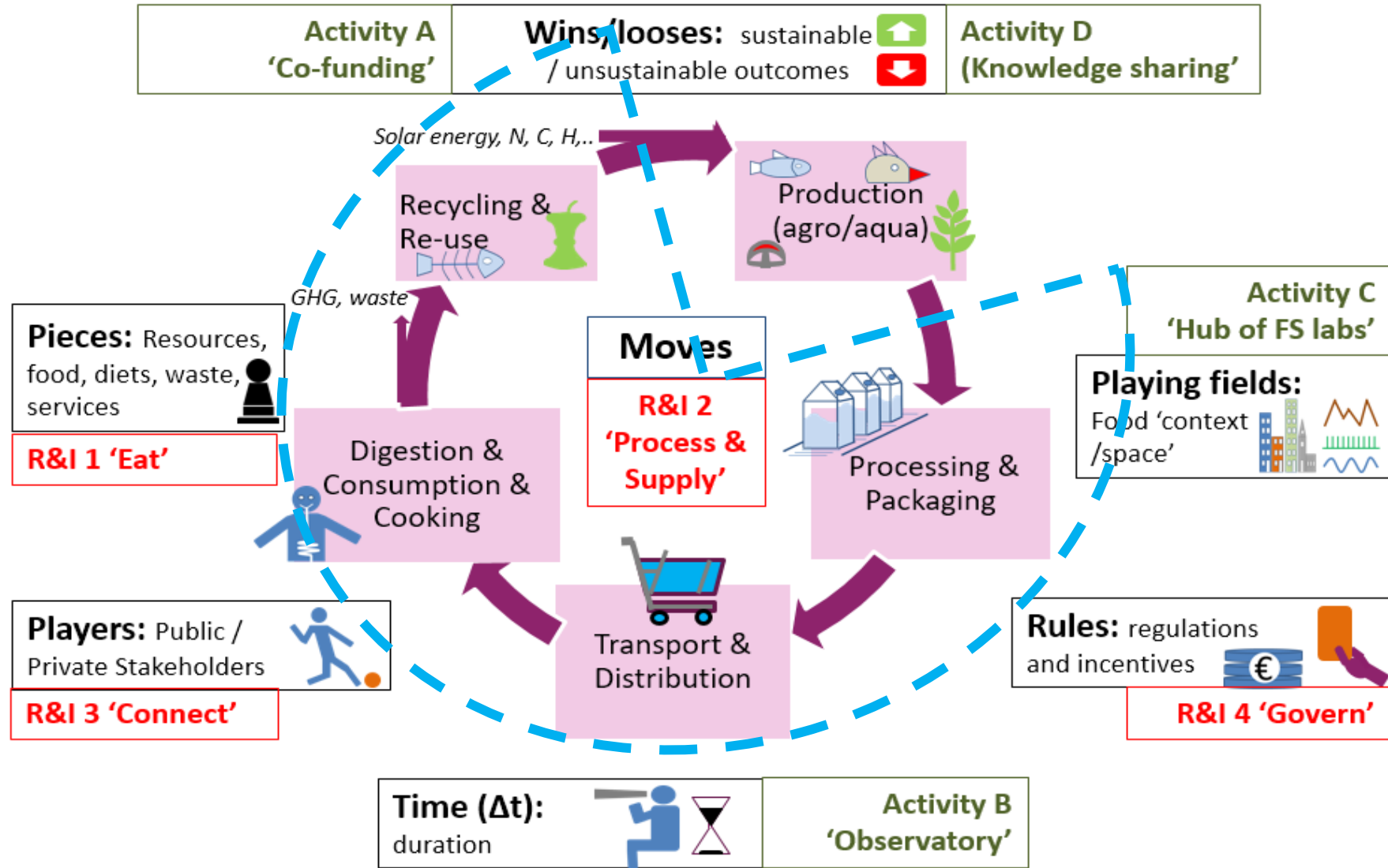
‘Change the way we process and supply food’

Hugo de Vries, INRAE (FR), many thanks to inputs from Geert Maesmans, Cargill (BE), Saioa Ramos, AZTI (ES), Lilia Ahrné, University of Copenhagen (DK), Vasilis P Valdramidis, University of Athens (GR), Peter Eisner, Fraunhofer IVV (DE), Erik vd Linden, Wageningen University (NL), Jorge Molina Villanueva, EC-DG RTD, Linda Salame, EC-DG RTD
and all (your) comments improving the SRIA R&I 2 area description.

14/02/2023



R&I 2 Focus:



Challenges in 'post-farming & -fishing' (F2F++, SDGs, ..)

- Striving for '*zero*' loss in food, agro resources, water, energy, packaging materials and avoidable transport
- New balance between '*economies of scale*' versus '*diversity in FS*' to reach sustainable outcomes
- *Combining* technological, organizational & social innovations
 - cooperation with *R&I 1, 3 and 4*



Objective: *contributing to sustainable outcomes via innovative processing and distribution, targeting:*

1. Diversification of processing and distribution concepts (including 'home' cooking and recycling)
2. Re-localisation of processing and adapted logistic schemes
3. Circularity / 'loops' in biomass usage, logistics and business models
4. Digitalization, exploiting its 'potential' in food handling
5. Natural / mild processing (=keeping naturalness) and intelligent quality steering
6. Food design, food being climate-neutral and at the same time safeguarding healthy and tasteful eating experiences

Gaps: understanding barrier/enablers, pros/cons, trade-offs/co-benefits, scales & scaling, and socio-cultural appreciation of processing and supply schemes for SFS.



R&I questions:

- ✦ How to optimize **current** food chains *via technological-organizational-social innovations?*
 - ✦ How to match **supply- and demand-driven** approaches in case of highly diverse nutrient-rich resources?
 - ✦ Do we understand how **individual FS** can become sustainable, *using innovative & appreciated food design & smaller-scale, 'mobile', mild technologies?*
 - ✦ How can **novel** process and supply schemes support **multiple interacting FS** to become ALL sustainable? *(in real & virtual environments)*
- *Thanks to funding FS approaches (Area A), monitoring & adapting (B), co-creating (C) and sharing best & worst practices (D), R&I 2 contributes to expected outcomes with R&I 1,3 and 4*



Thank you for your attention

Contact:

Hugo De-Vries, INRAE, FR hugo.de-vries@inrae.fr



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**SUSTAINABLE FOOD SYSTEMS PARTNERSHIP
PRESENTATION OF THE SRIA
FINAL VERSION**

WEBINAR

R&I AREA 3

‘Change the way we connect in food systems’

Susanne Hansen,
Danish Centre for Food and Agriculture, Aarhus University, DK

14/02/2023



Overview of Area 3



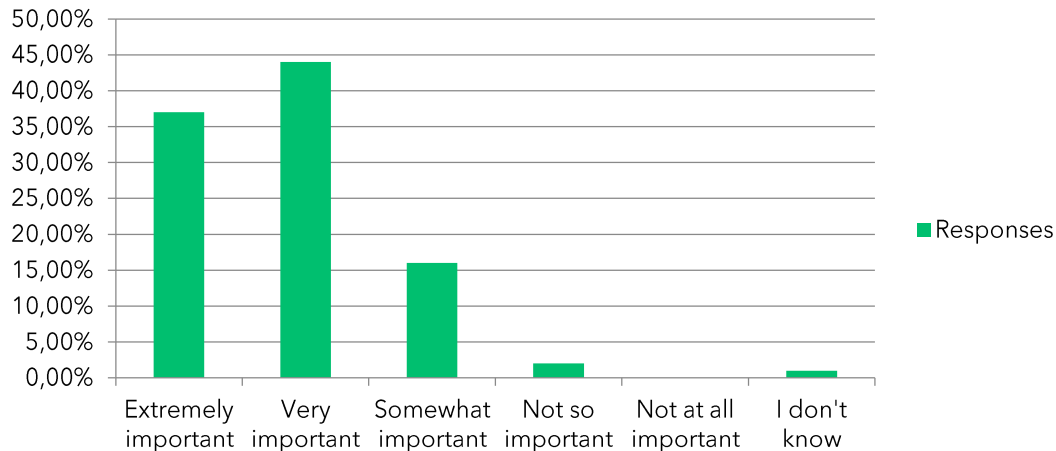
Core Issues for area 3:

- Further informed consumer choices → labelling, changing food environment, education...
- Engage citizens in food system/food system change → co-creation, digitalization...
- Engage citizens in policy making and governance → food democracy...

Main feedback

- Feedback was generally positive and there was support for the area and the overall formulation
- Feedback touched on many different issues, themes, and definitions and ranged in complexity

Importance of R&I Area 3 'Change the way we connect with food systems'



Main themes:

- Food democracy, power, and governance
- Overlaps between areas 1 and 3
- Labelling, trust, and transparency
- Methodology, and mapping FS
- Engagement
- Diversity (especially in context of consumers and equity)
- Information and communication
- Education
- Price - true cost accounting
- Links to knowledge hubs, living labs
- Partnership suggestions
- Diet, co-creation, consumer engagement, etc.

Examples of changes made based on your feedback

- ✦ **Minor change:**
*Change the title: Change the way we connect **in** food systems'*
- ✦ **Food democracy, power and governance:** *The power difference between the individual consumer/citizen and large food systems players that have strong influence at European and national level is not clearly described. Too much focus is put on individual behaviour change, which is very challenging in the current playing field, which we cannot call equal.*
- ✦ **Overlap between area 1 and 3:**
There seems to be some overlap or redundancies with Area 1.
- ✦ Changed
- ✦ Clearer definition of **food democracy** with added focus on **power-structures**, and how different **actors** within the food system **empower and disempower citizen engagement**.
- ✦ Rewritten **Knowledge gaps to be addressed** to avoid overlap.



Thank you for your attention

Susanne Hansen,
Danish Centre for Food and Agriculture, Aarhus University, DK



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SUSTAINABLE FOOD SYSTEMS PARTNERSHIP PRESENTATION OF THE SRIA FINAL VERSION

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R&I AREA 4

‘Change the way we govern food systems’

Gianluca Brunori,

University of Pisa, IT /FACCE-JPI

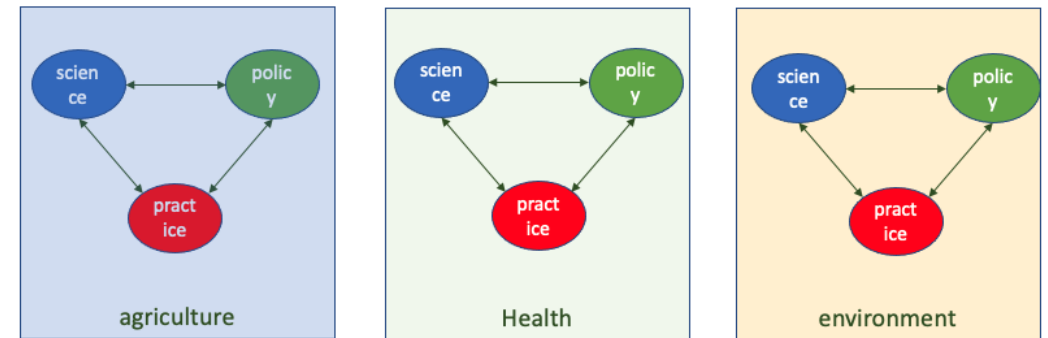
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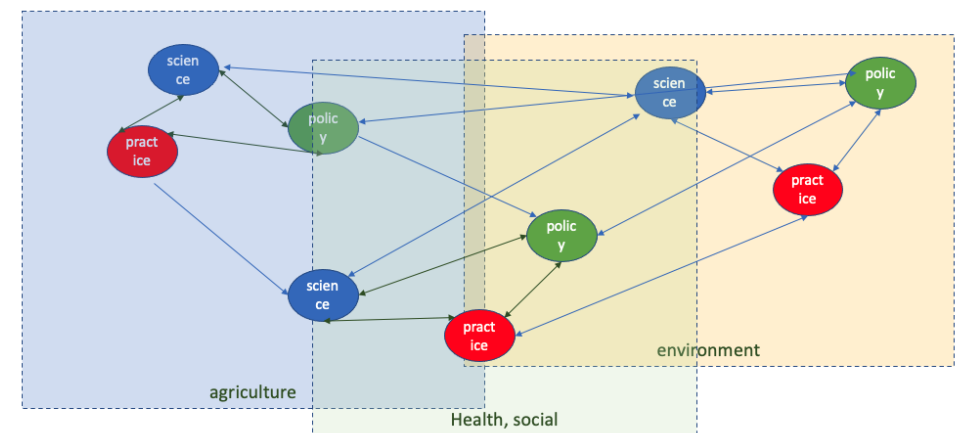
Why governance

- *The many challenges related to Food Systems (FS) have made clear that we urgently **need to improve our FS governance beyond today's predominantly fragmented and sectoral approach**" (Food2030 - EC, 2020)*

from fragmented actors, knowledge, policy tools...



...to integrated actors, knowledge, policy tools

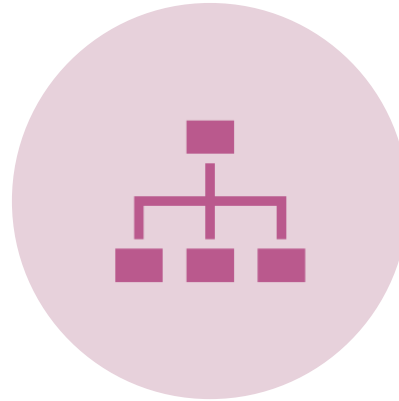


Domains of action



PUBLIC POLICIES

- Agriculture
- Health
- Environment
- Economy



BUSINESS

- Corporate responsibility
- Food standards
- Labelling and traceability
- Certifications

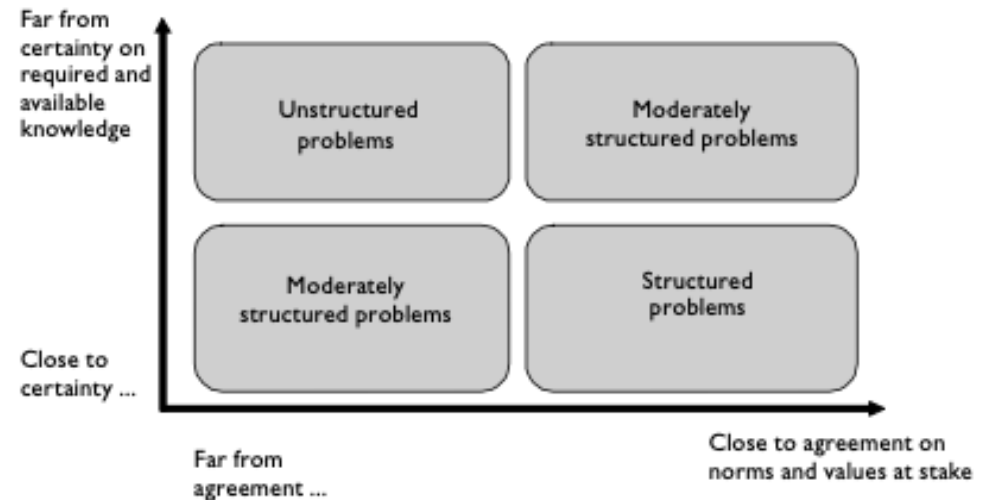


CIVIL SOCIETY

- Civic engagement
- Advocacy
- Food networks
- Cooperation

Addressing policy problems

- Improve society's capacity to contribute to food systems' **appraisal**
- Increase societal **commitment** to sustainability




Theme 4 – research questions

- How transformative are current governance patterns?
- What are the most promising governance patterns for transformation?
- Which key governance initiatives could act as leverage points?



Thank you for your attention

Gianluca Brunori,
University of Pisa, IT /FACCE-JPI



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SUSTAINABLE FOOD SYSTEMS PARTNERSHIP PRESENTATION OF THE SRIA FINAL VERSION

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ACTIVITY AREA 'A'

'Pooling R&I resources and programming'

Nikola Hassan,

Research Center Jülich, DE/ SUSFOOD2

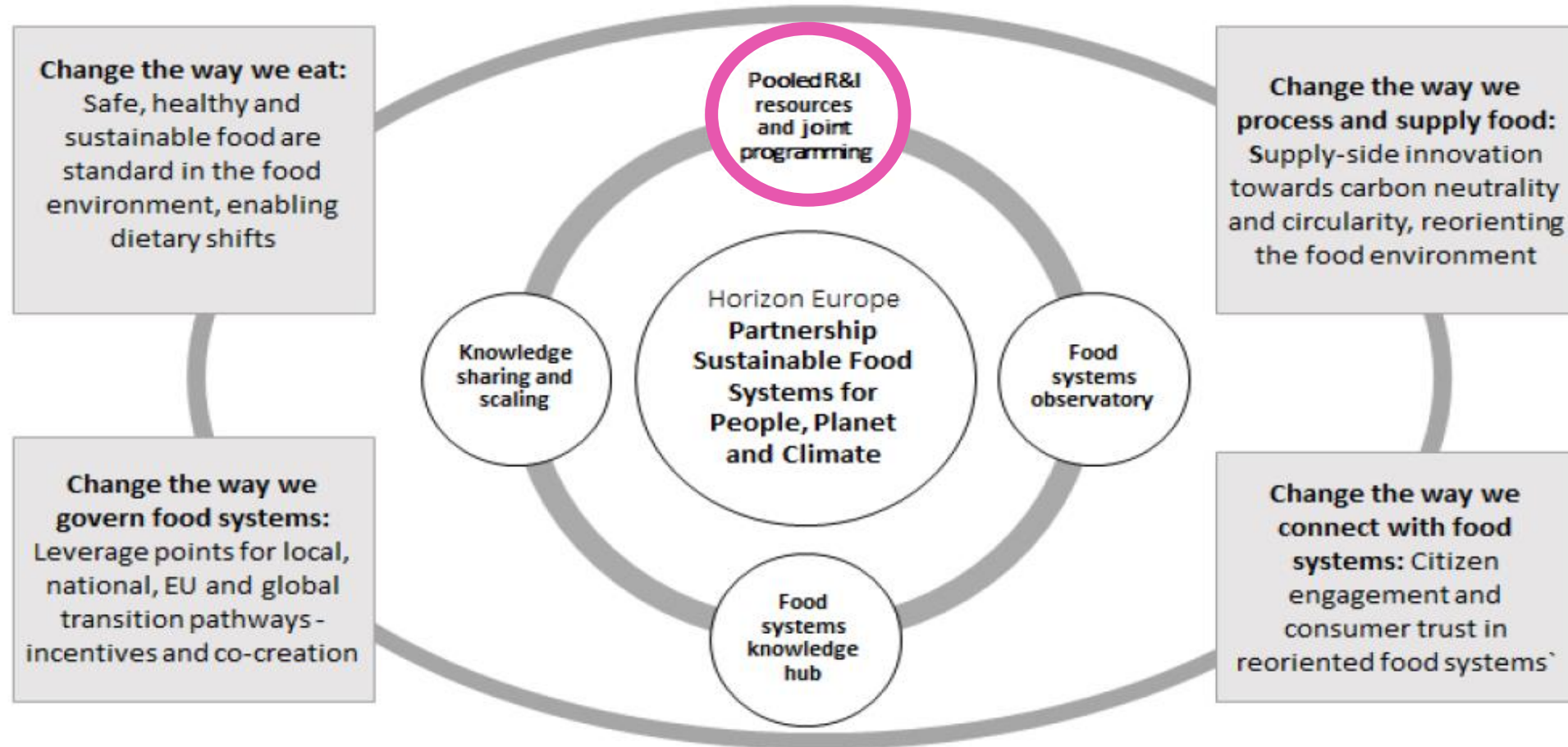
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You are here



Enable R&I to drive food systems transformation processes



Activity A: Pooling R&I resources and programming

Joint transnational R&I support via project funding and alignment of funding priorities and mechanisms enabling multi-actor and systems approaches

TEAM MEMBERS:

Alexandre Dubois (FORMAS, SE)

Helena Pärenson (Ministry of Rural Affairs, EE)

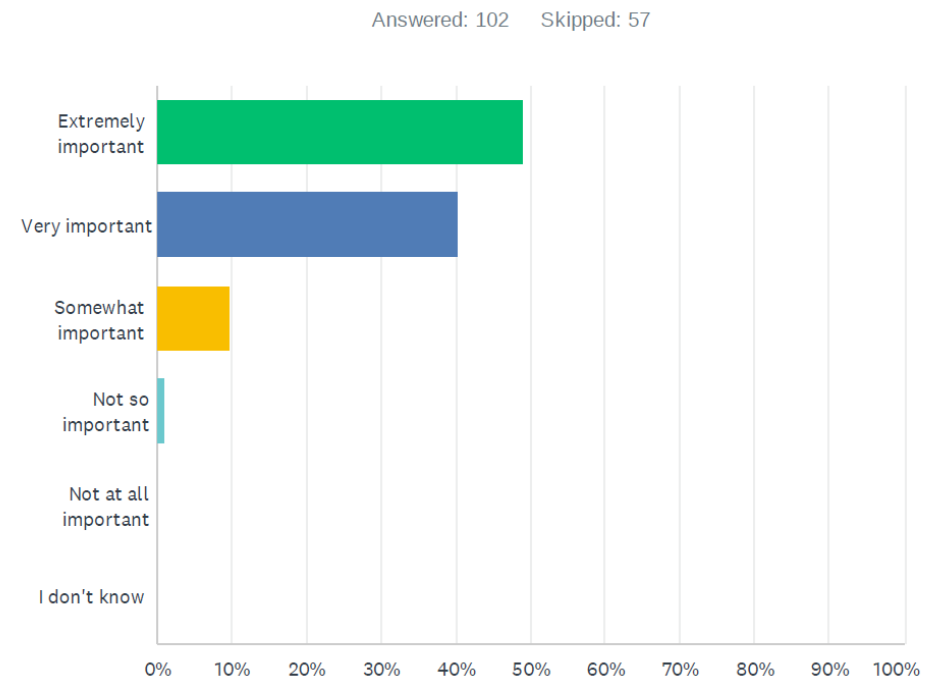
Hendrik De Ruyck (ILVO, BE)

Ivana Trkulja (ICROFS/ CORE Organic, DK)

Zoya Damianova (Applied Research and Communications Fund, BG)

Nikola Hassan (FZJ/ SUSFOOD2, DE)

Q29 Activity Area A: Pooling R&I resources and programming



Activity A: Pooling R&I resources and programming



AIMS

- ✦ Maximise support of R&I areas via project funding
 - Alignment of R&I priorities for funding and follow-up (monitoring and impact)
 - Alignment of funding mechanisms
- ✦ Generating knowledge, insights and evidence for the SFS transformation (and feeding into science-to-policy)
- ✦ Fostering transnational collaboration at project and programme level
 - SFS Research Area in EU and beyond
- ✦ Creating a knowledge/ funding ecosystem enabling transformation
 - Multi-actor & Systems-approaches

Activity A: Pooling R&I resources and programming

NEEDS

- ▀ Better knowledge of PS instrument as framework for financing and funding of activities and projects
- ▀ Understanding existing differences, barriers and enablers for funding of FS and MA approaches in line with existing national/**regional** funding practices and legislative frameworks and **how to exploit/ combine different funding sources**
- ▀ Mix of classic + new ways of funding and support (**e.g. citizen science**)
- ▀ Thriving for organisational learning that promotes sound funding practices allowing higher **flexibility in call design**, e.g. longer runtimes, several project phases, **transdisciplinary and follow-up actions** (also higher TRLs).

Activity A: Pooling R&I resources and programming

WHAT DOES THIS MEAN IN PRACTICE

- From systems thinking to **applicable concepts and operationalisation of food systems approaches**, e.g. during call design, trainings and support for funders, evaluators, researchers;
- Transnational, multi-actor involvement and multi-disciplinary actions with stronger involvement of **social sciences and humanities** (e.g. in research projects, networking opportunities, consultations and co-creation spaces, also in **collaboration with FS-Labs; Activity 'C'**) with special emphasis to industry perspectives (**involvement of SMEs**);
- Consideration of aspects like capacity building, RRI (e.g. gender equality), FAIR data management, territorial dimensions (e.g. from proposal stage until monitoring and evaluation);
- Consultations with relevant stakeholders (e.g. for annual programming, call negotiation, project support and evaluation);
- **Targeted dissemination and exploitation to various stakeholders** (together with Activity 'D');

** Public consultation*

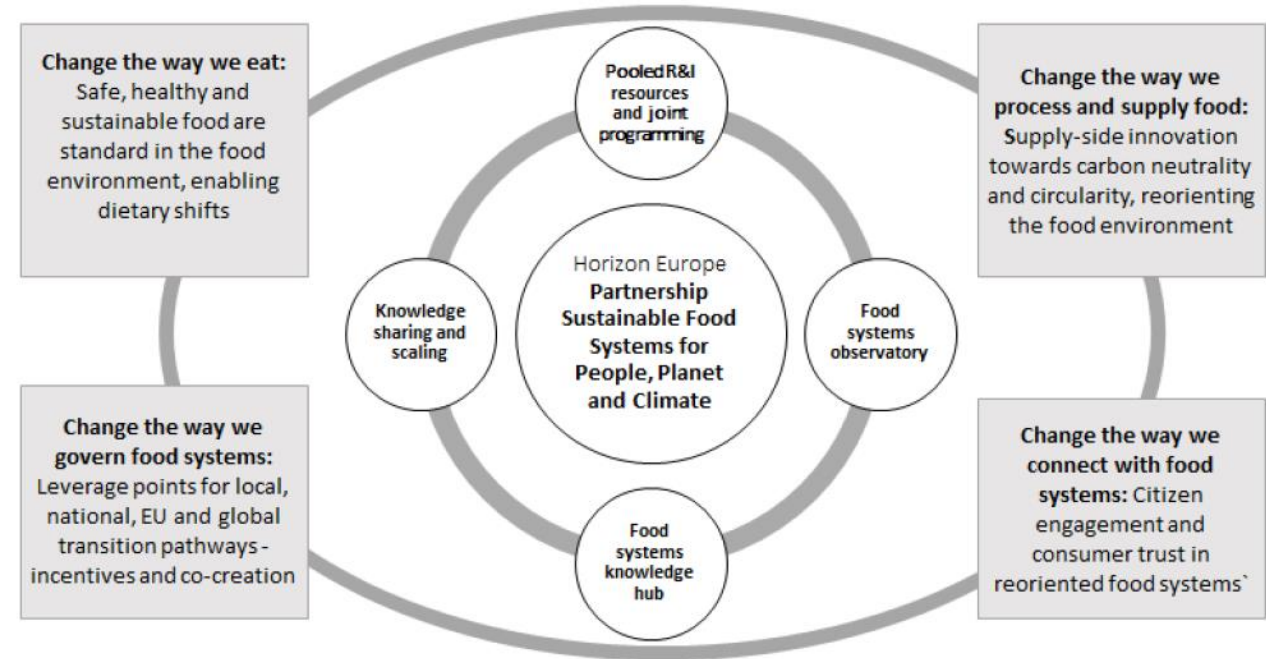
Activity A: Pooling R&I resources and programming

IN BRIEF

- Activity A is imperative for bringing the R&I areas and the Partnership to live
- Strong connections to all R&I areas and all activities!
- Synergies with other PSs?!
- Implementation of Activity A is under the responsibility of the Partnership consortium with support of CSA FOODPathS

food|paths

Enable R&I to drive food systems transformation processes



Thank you for your attention

Nikola Hassan,
Research Center Jülich, DE/ SUSFOOD2



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SUSTAINABLE FOOD SYSTEMS PARTNERSHIP PRESENTATION OF THE SRIA

FINAL VERSION

WEBINAR

ACTIVITY 'B'

'Launching a Food systems observatory'

Thom Achterbosch,

Wageningen University & Research, NL

14/02/2023



Food systems observatory

Platform for sharing metrics, data and assessments on the sustainability performance of food systems

A process of transition in the EU will benefit from information on the sustainability performance of food systems:
at different timelines...
for different activities and outcomes
and different geographical scales

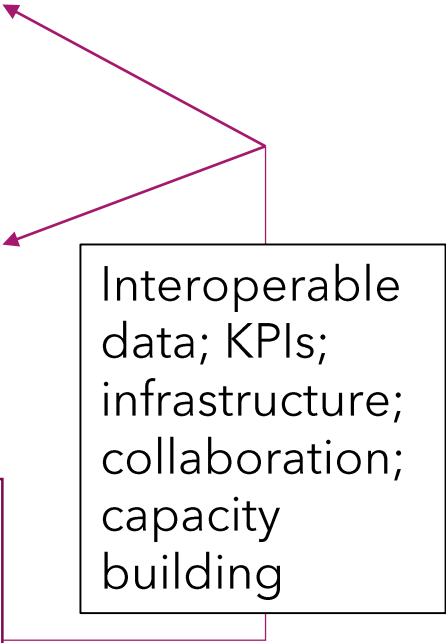


Objective: support the reflective monitoring on the transition to SFS for the purpose of food policy design and planning of mission-oriented R&I actions.

R&I challenges



- ❖ I. STATUS MONITORING on the sustainability performance of national and EU food systems.
- ❖ II. TRANSITION MONITORING on the “signs of change” based on critical points in the transition towards sustainable food systems
- ❖ III. HARMONISATION of national data of EU Member States for mapping food systems activities (beyond the primary level) and their final outcomes in terms of health, environment, fairness and economic viability



Interoperable data; KPIs; infrastructure; collaboration; capacity building

Methods, metrics and tools

to support R&I Areas, for example:

- Longitudinal impact of food environment on sustainable healthy diets (R&I Area 1);
- Trustworthy data from supply chain actors to support consumer transparency (R&I Area 2/3);
- Scenarios and trade-off for future food systems and criteria for decision support (R&I Area 4).



Research setup in a virtual supermarket

Thank you for your attention

Thom Achterbosch, Wageningen University & Research, NL
On behalf of the group of experts.



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**SUSTAINABLE FOOD SYSTEMS PARTNERSHIP
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ACTIVITY 'C'**

'Establishing a Food systems knowledge hub'

Jonas Lazaro-Mojica, ETP 'Food for Life'

Presented by Hugo de Vries, INRAE, FR

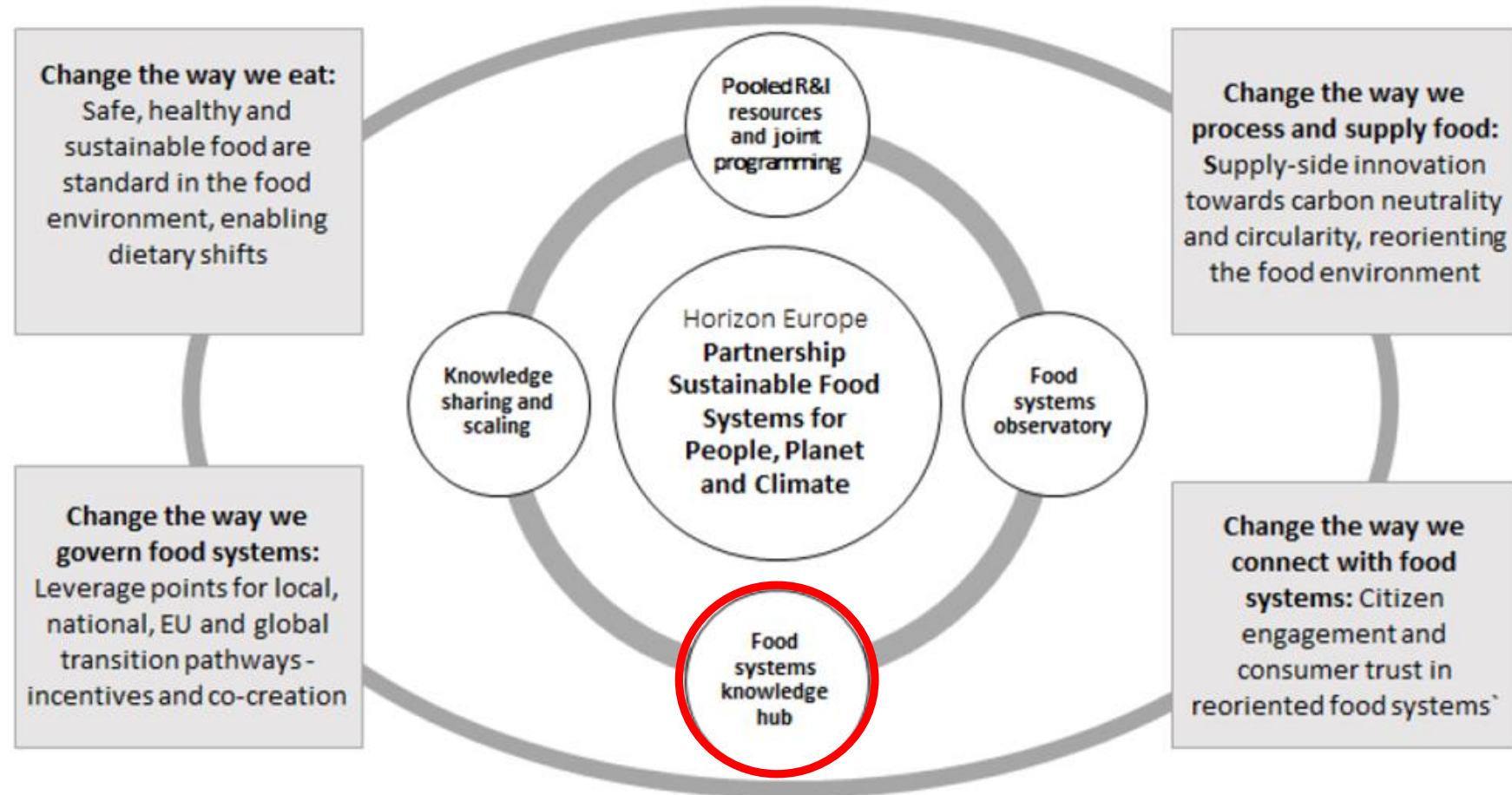
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Activity C: Food systems knowledge hub



Enable R&I to drive food systems transformation processes



Definition (What?)



Activity C: Establishing a FS Knowledge Hub for complex Food Systems, transformative research and FS-Labs on systemic innovations at different scales (using a 'vitrine' for demo's) to drive bottom-up innovation processes

Multistakeholder approach (Who?)



The end-users



Food manufacturers, including large industries, SMEs, Spin-offs, Spin-outs and clusters



Other actors of Food Systems (including farmers, retailers)



The knowledge, solution, service and technology providers (e.g., research and technology centres and universities)



Policy makers and governmental bodies - particularly the local and regional ones



Contribution to impact pathways



The FS-lab knowledge hub will:

- Be composed by a network of FS-Labs
- Implement a basic level of joint protocols
- Ensure that FS-labs use a Food systems approach
- Deliver a minimum set of recordings of results and experiences
- Allow learning, experimenting and scaling of outcomes

Contribution to impact pathways

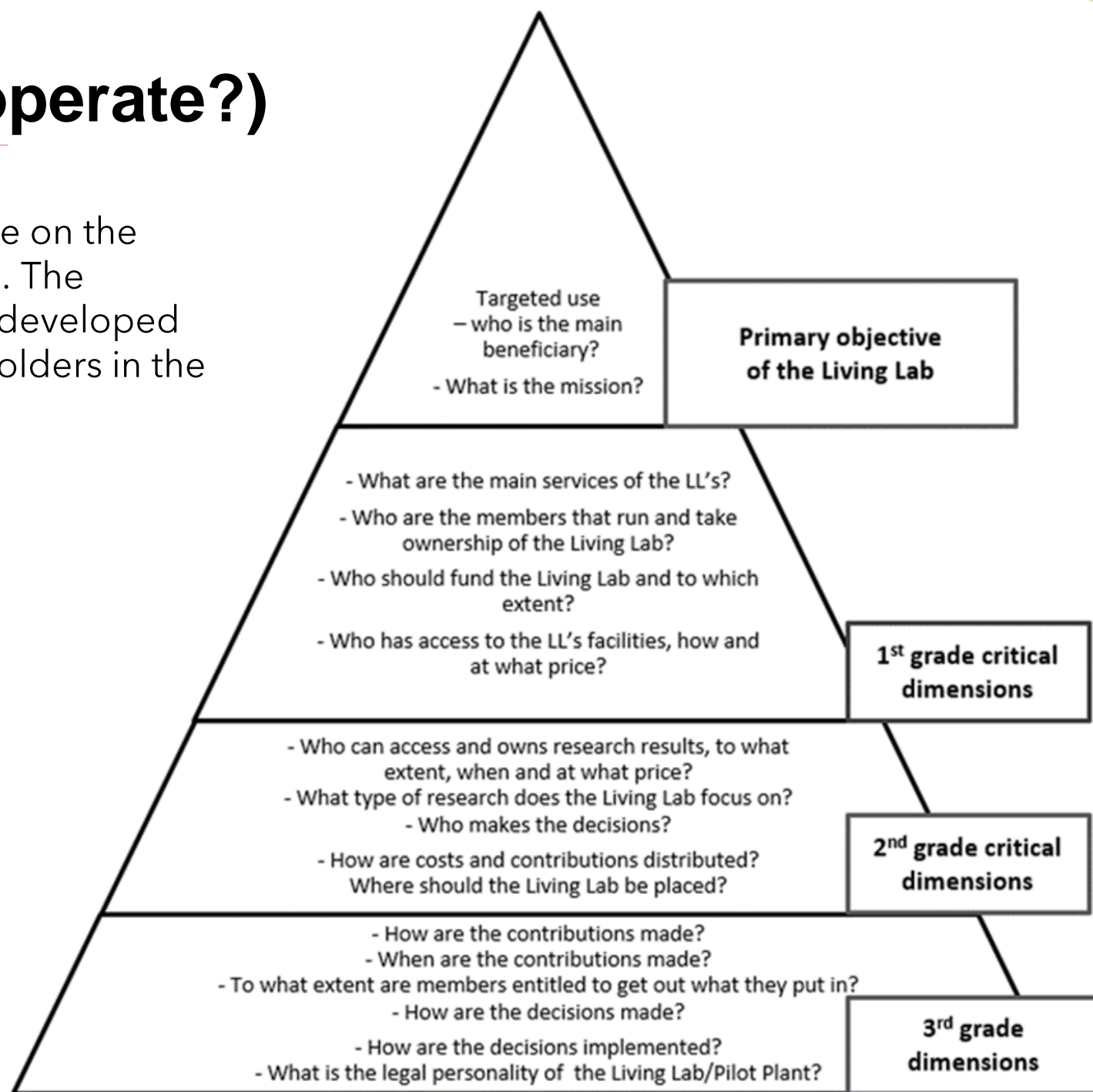


Individual FS-labs will contribute to:

- Innovations in FS governance
- Innovation pathways
- Stakeholder and consumer engagement
- Policy development via co-creation
- Play a pivotal role in
 - a. Development of next generation business-science-policy-society interfaces for FS transformation
 - b. The support of all (clusters of) SMEs, Spin-offs, Spin-outs, and other private sector parties contributing to the SFS transition.

Set up (How to operate?)

The founding members shall agree on the operating principles of the FS-Lab. The answers to the questions shall be developed through consultations with stakeholders in the FS-Lab territory



Activities to carry out (What would be expected?)



Developing and demonstrating co-creation cases with public-private organisations in national & regional FS-Labs (which will be R&I Area specific)

Developing and demonstrating co-creation cases with private and public parties at European and global level

The Knowledge Hub 'Hub of FS-Labs' concept provides insights in the complexity of Food Systems. It illustrates and exchange best practices in all 4 R&I Areas. It links to Activity B (Observatory) and A (Funding).

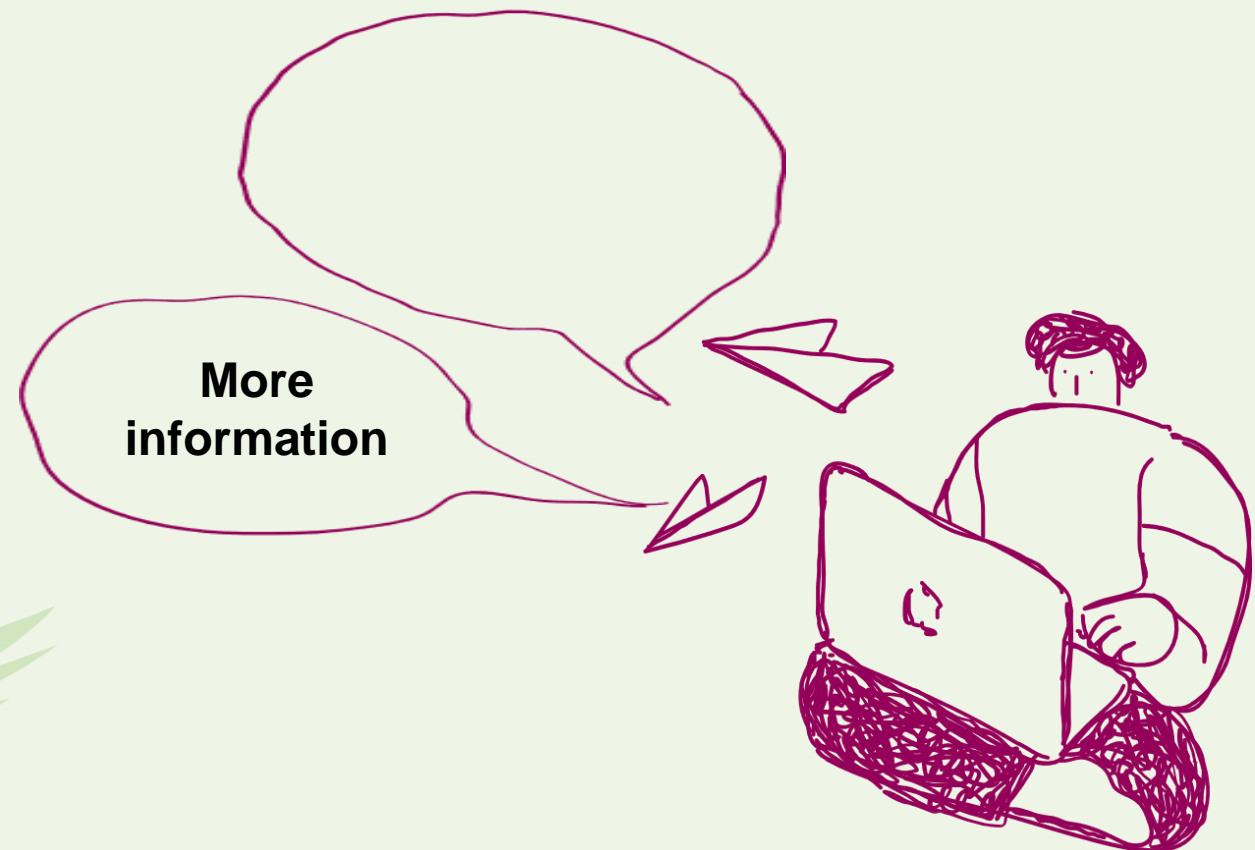
Play a key role to capitalise on existing networks and connect with Living Labs of other Partnerships and project initiatives at EU level

It is strongly recommended that the FS Knowledge Hub should have a governance structure where all the FS-Labs from different regions and Member States are incorporated but also where relevant EU actors can engage on setting an aligned roadmap



Thank you for your attention

Jonas Lazaro-Mojica, ETP 'Food for Life'
Presented by Hugo de Vries, INRAE, FR





SUSTAINABLE FOOD SYSTEMS PARTNERSHIP PRESENTATION OF THE SRIA FINAL VERSION

WEBINAR

ACTIVITY 'D'

'Knowledge sharing and scaling'

Minna Huttunen,
Ministry of Agriculture and Forestry (MMM), FI

14/02/2023



Transversal Activity Area D 'Knowledge sharing and scaling'

Subtitle: Adapting knowledge systems, innovation & demo platforms and science-policy interfaces for ensuring impact

Public consultation raised questions: why is this activity needed?

WHY ACTIVITY D: Strong policy support on holistic food system transformation is present in documents BUT action is lacking.

- To initiate sustainable system changes, experiences from transition activities must be incorporated and multiplied in the actions of relevant system stakeholders and actors (government, industry, civil society, customers, consumers, researchers, entrepreneurs, etc.).
- The success of the partnership depends on the transformation capacity of FS actors towards sustainable outcomes.
- Knowledge sharing and scaling activities facilitates **aligning the R&I pathways and open access to knowledge.**
- Knowledge sharing and scaling activities help to find solutions and models **to strengthen citizen trust and increase awareness of the technologies.**

HOW Activity 'D' contribute



- Collaboration, co-operation and co-creation connect and engage the actors in a holistic and systemic way.
 - Highlight the elements of social and technological innovations to overcome current hurdles and practices.
 - Knowledge sharing and scaling activities will support the FS actors in **understanding the transition** towards SFS.
- The way forward:
 - Different FS R&I platforms currently serve as platforms for communities of practice.
 - Mapping the existing platforms → assess and improve their impact → facilitate dialogue between SFS stakeholders and to **engage with stakeholders who are less involved**.
 - The FS-Labs and Knowledge Hub of **Activity 'C'** are gradually incorporated → evokes R&I&P questions that need to be answered.
 - Granular evidence allows insight in decision making to build **targeted policies to regions** as 'one size does not fit all'
- Cost-benefit analysis of actions and inactions should be performed that help prioritising interventions.

Proposed knowledge sharing activities



- ✦ Foster collaboration to seek synergies with the other relevant partnerships
 - Use the **mission-oriented approach**: address clear problem common for the others and seek solutions that are useful for all.
- ✦ Develop formal and informal education programme and competence building for FS transformation at all levels.
- ✦ Science-policy interfaces in the EU at various levels (local to national), including inter-governmental EU and global levels.
- ✦ Activities should create links and connections between FS actors.
 - Social sciences and humanities play a role!
 - Results shared in a manner that inform, offer solutions, encourage to test and can be monitored.
- ✦ **The best knowledge** sharing shape solution further to fix the problem in question and through this gain commitment from the actors
→ **creates systems transformation.**

Thank you for your attention

Minna Huttunen,
Ministry of Agriculture and Forestry (MMM), FI

minna.huttunen@gov.fi

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**SUSTAINABLE FOOD SYSTEMS PARTNERSHIP
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SRIA evolution and the partnership consortium

Niels Halberg,
Danish Centre for Food and Agriculture, Aarhus University, DK

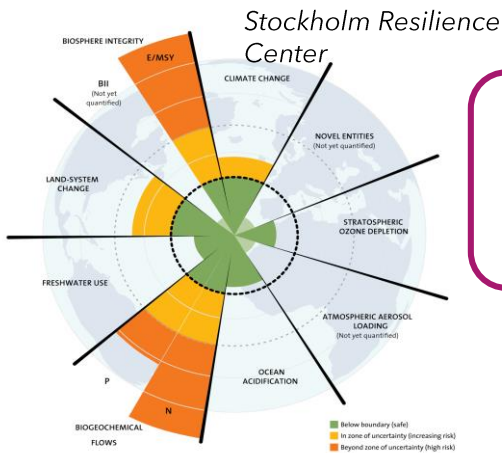
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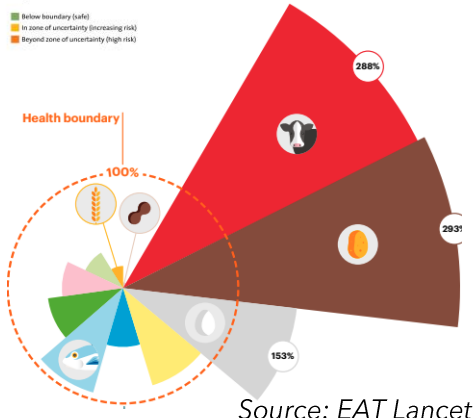
Storyline of the future Partnership SFS, SCAR SWG FS



Needs



Food Waste:
In the EU,
around **88 million tonnes**
(EU-Fusions, 2016)



Evidence

- IPCC: Climate Change and Land
- WEF: Shaping the Future of Global Food Systems: A Scenarios Analysis
- IPES FOOD: Future-Proofing our Food systems through research and innovation
- FAO: Food Security and Nutrition: Building a Global Narrative Towards 2030
- SAPEA: Sustainable Food Systems
- IPBES: The global assessment report on Biodiversity and Ecosystem Services
- Future Food Systems: For people, our planet, and prosperity

Actions

Draft proposal for a European Partnership under Horizon Europe Sustainable Food Systems for People, Planet & Climate

Narrative
European Partnership on Safe and Sustainable Food Systems for People, Planet & Climate

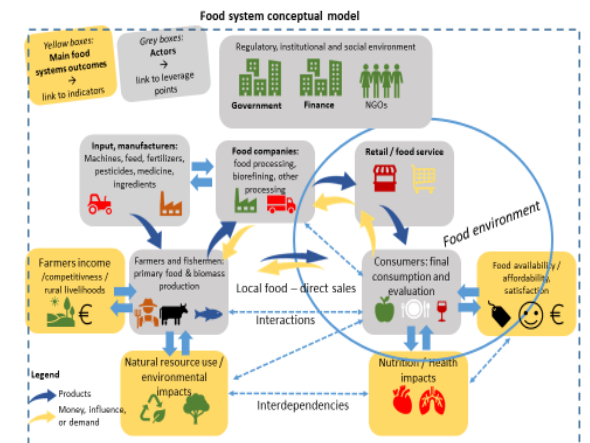
SCAR Strategic Working Group Food Systems*

[SCAR - Food Systems Partnerships European Partnership for Safe and Sustainable Food System for People, Planet & Climate](#)

Since 2019: numerous workshops
June 2021 - Narrative & Fact sheet
April 2022 - TEMPLATE
Autumn 2022 - SRIA

From the SCAR SWG FS to the Partnership SFS

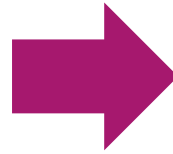
- **SCAR FOOD SYSTEMS SWG** initiated in Paris, INRA on June 30th, 2017 (1st mandate)
- Second phase years:
 - Second mandate -December 2019- December 2022
 - Extension of 2nd mandate - December 2022 - December 2023
- Engaged in clarifying the need and potential for a **FS approach** to engaging R&I in support of sustainable food systems
- Prepared a **first template as a suggestion for a partnership** under the coming Horizon Europe (with wide participation from stakeholders and published on EC website on: https://research-and-innovation.ec.europa.eu/system/files/2022-04/ec_rtd_he-partnership-sustainable-food-systems-april_2022.pdf).
- Template was starting point for drafting **Strategic Research and Innovation Agenda** from April 2022 in two tier expert group
- Member state consultations via SCAR demonstrated wide interest
- Second draft open **for public consultation** Oct-December 2022
- Revisions in January 2023, final draft submitted to the EC



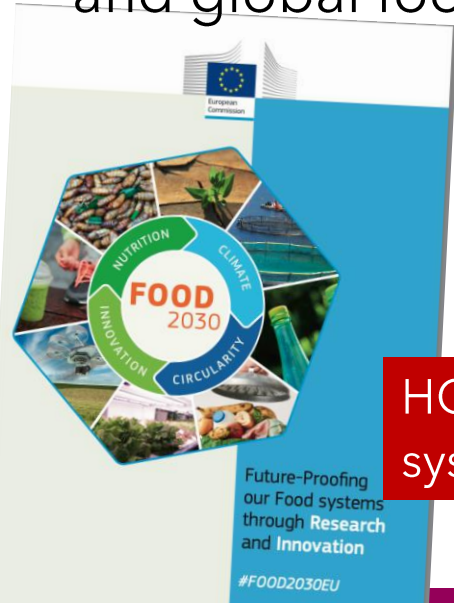
What is the Partnership SFS about?

Mission and Call:

- To collectively develop and implement an EU-wide mission-oriented R&I partnership
- To accelerate the transition toward safe and healthy diets, that are sustainably produced in resilient EU and global food systems'



- Call for Co-fund in HE WP2023-24
- 30% Cofunding from EC/HE (45 Mio Euro first two years, 175 mio. Euro in seven years)
- MS/AC funding agencies expected to contribute main funding for joint transnational calls
- A successful proposal will contribute to the European Green Deal priorities, especially to the farm to fork strategy,
- will deliver co-benefits on each of the Food 2030 priorities: *nutrition for sustainable healthy diets, climate and environment, circularity and resource efficiency, innovation and empowering communities.*



HORIZON-CL6-2023-FARM2FORK-01-9: European partnership on sustainable food systems for people, planet and climate: **Deadline April 2023, incl. SRIA**

European partnership on sustainable food systems for people, planet and



- The Partnership will coordinate, align, and leverage European and national R&I efforts to **future-proof food systems for co-benefits** through an **integrated and transdisciplinary systems approach**.
- The Partnership will provide the scientific evidence,
- the collaborative experience among practitioners and citizens,
- to support the transformation of local, national, European and global food systems.

Main assumptions and overall concept:

- => consensus about the need for transformation of the current types of production, processing, distribution, and consumption in linear food chains **towards circular food systems functioning within planetary boundaries**
- This transition needs an **overarching food systems approach to address several challenges in an integrative manner** and
- empowering all relevant stakeholders, diverse voices and geographical regions
- SFS partnership does not address primary production (other partnerships)

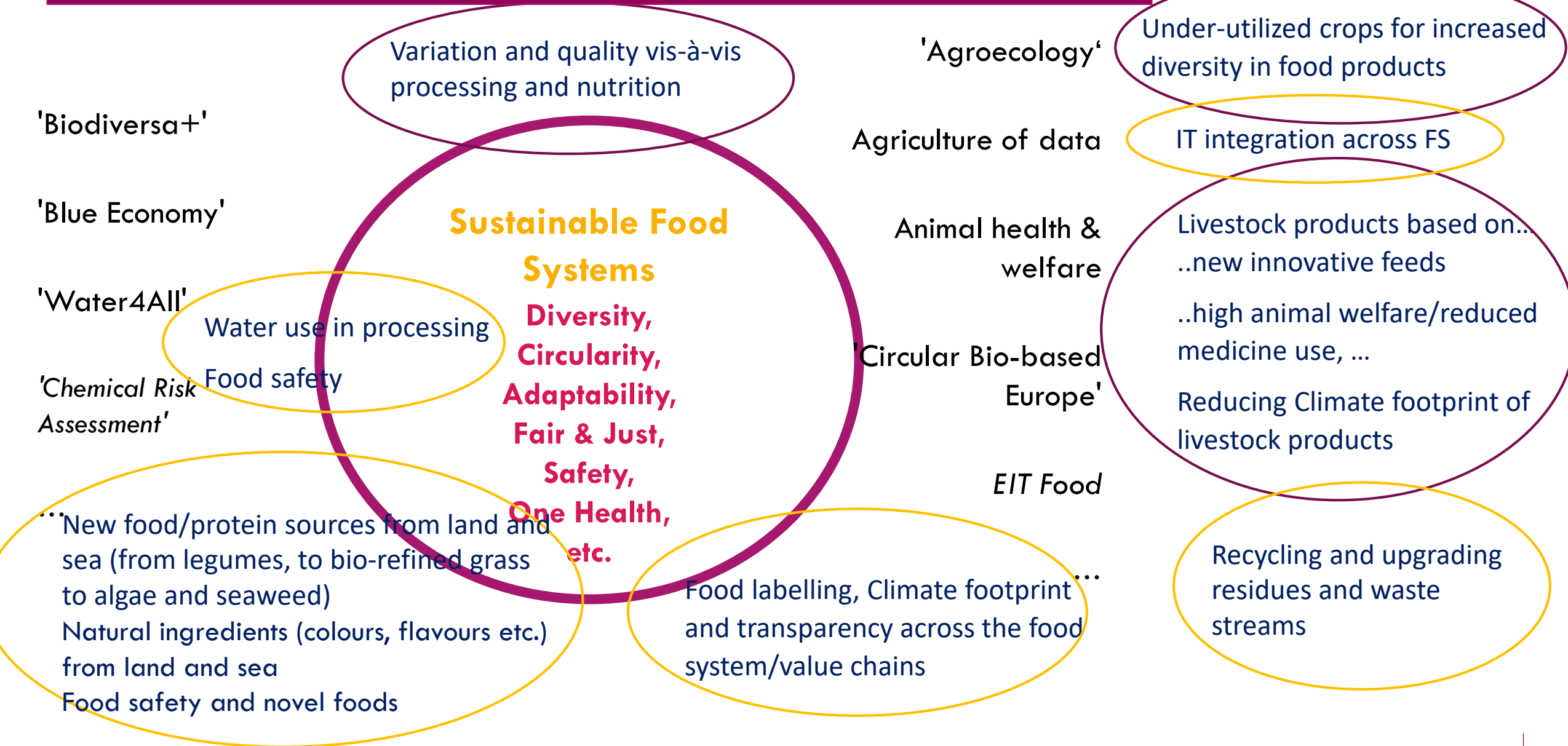
The Partnership should aim to achieve the following objectives:



- high-level Strategic Research and Innovation Agenda (SRIA)
- Pool R&I resources by joint calls for R&I projects
- Establish a Food systems knowledge Hub of hubs
- A network of transformative research and innovation labs (FS-labs or 'hubs') for systemic innovations at different scales
- Platform for understanding when food systems are evolving sustainably
- ✓ Provide place-based solutions in the FS Labs, exploring them as living labs to test sustainable food systems pathways
 - ✓ *E.g. policy and city labs, experimental restaurant environments, etc...*
- ✓ Ensuring impact:
 - ✓ Enable knowledge sharing, and scaling
 - ✓ science-policy interfaces
 - ✓ Alignment of private and public goals
 - ✓ Stakeholders from the quadruple helix
 - ✓ strengthening science-policy-society interfaces and increase transformative potential

Synergies and alignment with Partnerships etc. in HE Cluster 6

- Division of focus areas, - but which important issues may fall between the cracks?...



From SCAR and SRIA to SFS partnership



- Partnership forming as we speak
- Coordination by ANR, France,
- Core group currently consist of funders, RPOs and stakeholder groups
- WPs and governance structure in prep
- Partners need to commit co-funding
- Writing sessions towards application and first annual Workplan
- Consultation process for potential new partners
- Non-partners may apply for external calls
- Deadline for submission: April 12, -23

- **Foodpaths = CSA in support of the SFS Partnership**
- **Funders Forum ongoing**
- **Supporting development of FS approach in funding and portfolio management**
- **Supporting development of transversal activities**
 - FS observatory
 - FS LL knowledge hub
 - Science to policy advice

[EUSurvey - Survey \(europa.eu\)](https://ec.europa.eu/eusurvey)

<https://ec.europa.eu/eusurvey/runner/Partnership-SFS-e229e7b2>

Thank you for your attention

Niels Halberg,
Danish Centre for Food and Agriculture, Aarhus University, DK

niels.halberg@dca.au.dk

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SUSTAINABLE FOOD SYSTEMS PARTNERSHIP PRESENTATION OF THE SRIA FINAL VERSION WEBINAR

Taskforce and Experts involved in the process

14/02/2023



TASKFORCE



Focus Area (F.A)	Title	Key Issues	SRIA Taskforce (with one representative per F.A)	Country
	All topics considered from a systems approach			
R&I 1	Change the way we eat	Safe, healthy and sustainable food are standard in the food environment, enabling dietary shifts	Mirjana Gurinovic	RS
R&I 2	Change the way we process and supply food	Supply- and demand-side R&I topics reorienting the activities in post-farming and -fishing part of food systems to support sustainable diets	Hugo de Vries	FR
R&I 3	Change the way we connect in food systems	Citizen engagement and consumer trust in reoriented food systems	Niels Halberg	DK
R&I 4	Change the way we govern food systems	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)	Gianluca Brunori	IT
Activity A	Pooling R&I resources and programming	Joint transnational R&I support via project funding and alignment of funding priorities and mechanisms enabling multi-actor and systems approaches	Nikola Hassan	DE
Activity B	Launching a Food systems observatory	Platform for sharing metrics, data and assessments on the sustainability performance of food systems	Thom Achterbosch	NL
Activity C	Establishing a Food systems knowledge hub	Network of transformative research and innovation labs (FS-labs) on systemic innovations at different scale	Jonas Lazaro-Mojica	
Activity D	Knowledge sharing and scaling	Adapting knowledge systems, innovation platforms and science-policy interfaces for ensuring impact	Minna Huttunen	FI

2nd CIRCLE OF EXPERTS INVOLVED IN THE SRIA DRAFTING PROCESS

R&I AREAS

R&I Area 1

Anne Brisabois (ANSES, FR); **Beatrice Morio** (JPI HDHL); **Christophe Cordevant** (ANSES, FR); **Igor Pravst** (Nutrition Institute, Ljubljana, SI); **Igor Spiroski** (Institute of Public Health, Skopje, North Macedonia, MK); **Pieter van't Veer** (Wageningen University, NL); **Ricardo Assunção** (National Institute of Health Dr. Ricardo Jorge, PT); **Zvonimir Satalic** (Faculty of Food Technology and Biotechnology, University of Zagreb, HR)

R&I Area 2

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DG SANTE D.1 Farm to Fork - Alexandra Tuijtelaars; Alice Pignacca

Under the responsibility and supervision of **Monique Axelos** (Chair SCAR FS SWG /INRAE, FR), **Daniela Lueth** and **Hans-Joerg Lutzeyer** (DG RTD, responsible P-SFS trajectory)



Thank you for your attention

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