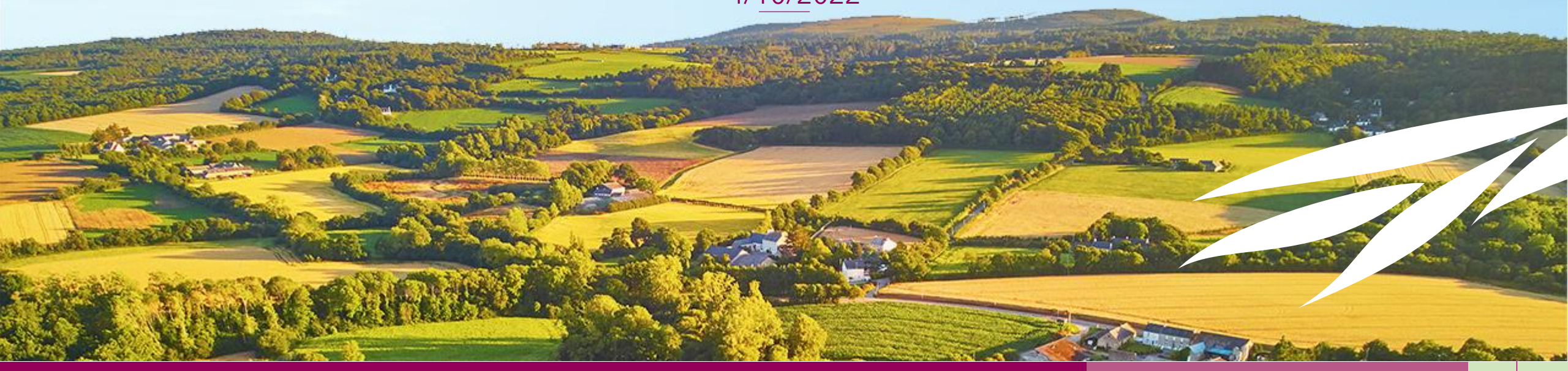
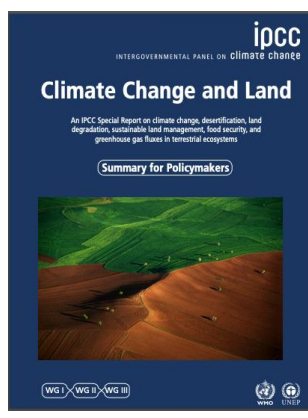
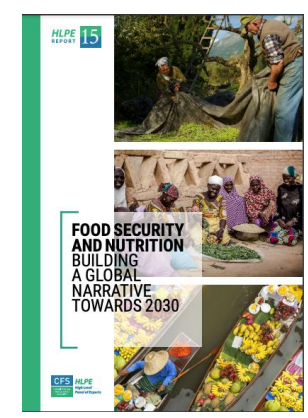
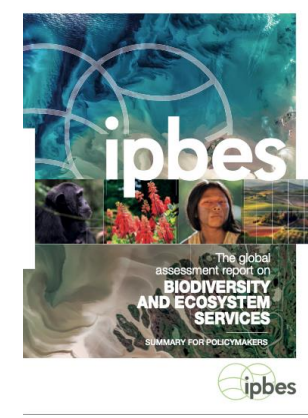
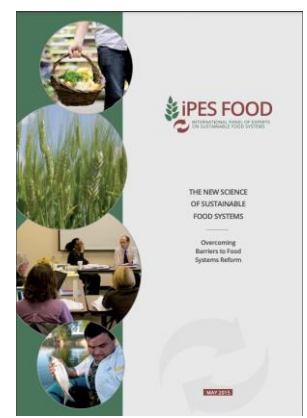
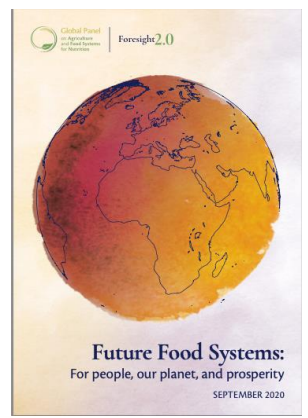


# State of play and bottlenecks concerning European research efforts: Sustainable food systems partnership for people, planet and climate

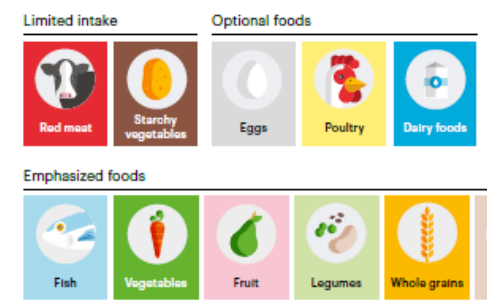
Dr. Minna Huttunen, Ministerial Adviser, Ministry of Agriculture and Forestry, FI  
Co-chair of SCAR FOOD SYSTEMS SWG

4/10/2022



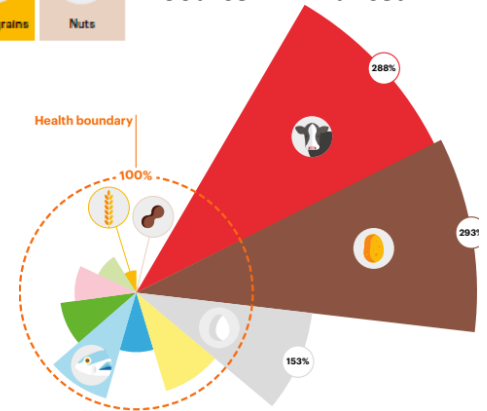


# Food, basic human right, problematic!



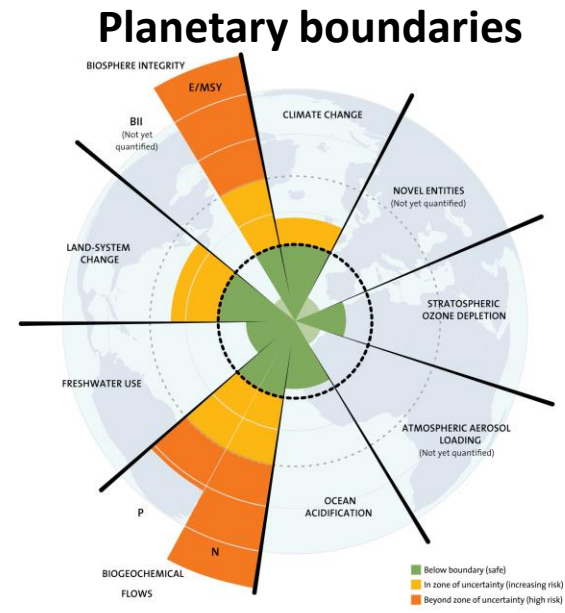
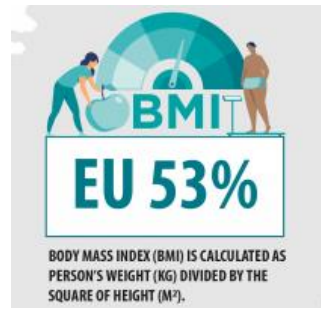
## Overconsumption

Global percentages  
Source: EAT Lancet



-> high risk of chronic diseases

## Overweight BMI > 25



Stockholm Resilience Center;  
J. Lokrantz/Azote based on Steffen et al. 2015.

**Fair producer income**  
-EU: world's highest food safety & environmental standards  
-affordable consumer price

## Food waste

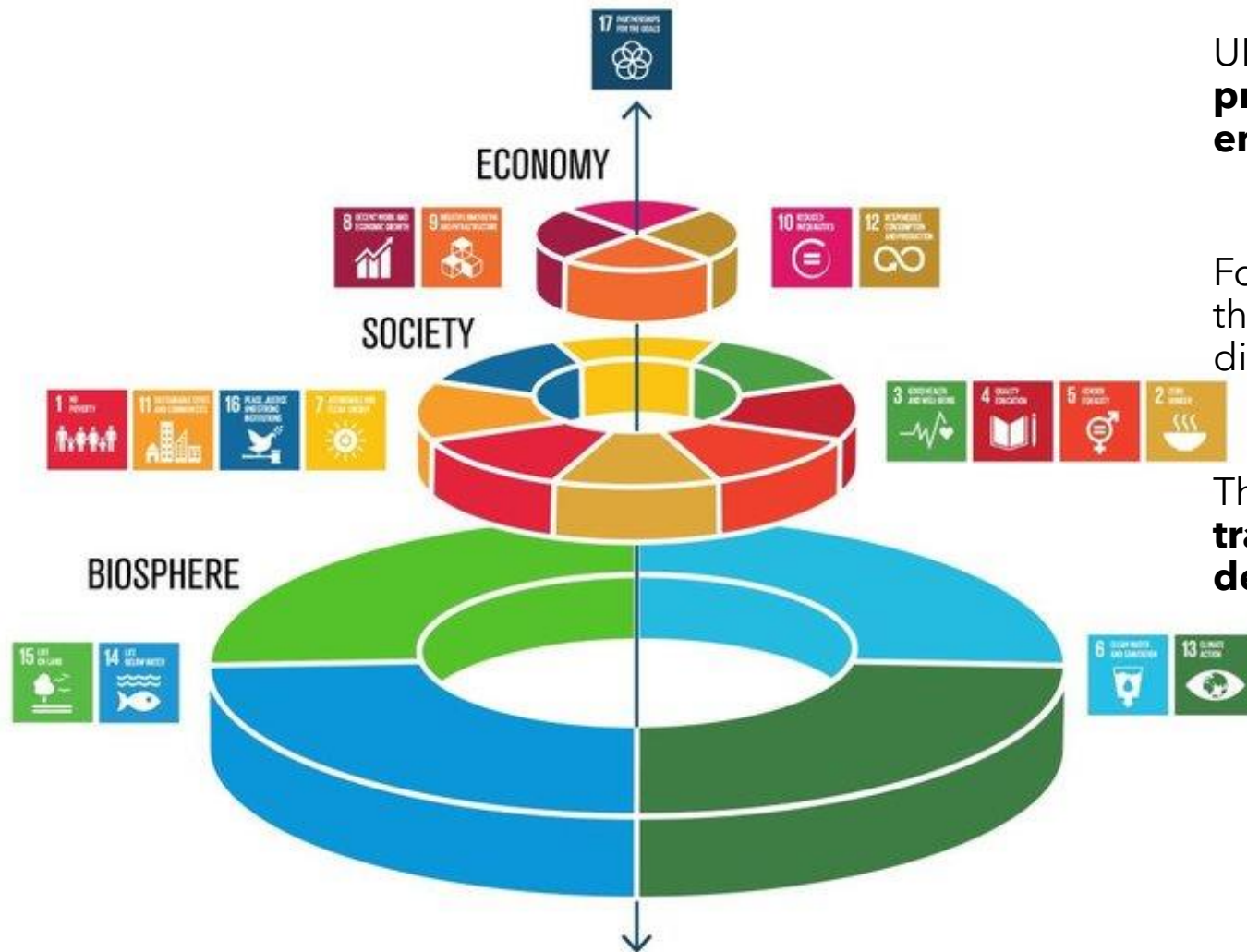
In the EU, around **88 million tons** of food waste are generated annually (FUSIONS, 2016).

This is equal to:  
174 kg per person or  
143 billion euros or  
170 000 000 tons of CO<sub>2</sub> (=5% of the total EU GHG emissions).



Pictures adapted from Gianluca Brunori, FACCE JPI, Univ PiSA

# Sustainable food systems provide solutions



UN sustainable development goals aim to **end poverty, protect the planet**, ensure that by **2030 all people enjoy peace and prosperity**.

Food is a common nominator linking all 17 SDGs, given the interconnected **economic, social** and **environmental** dimensions of food systems.

The earlier policies & policymakers support **food systems transformation, a powerful lever for sustainable development**, the closer we get to meeting the SDGs.

# Partnership on safe and sustainable food systems for people, planet and climate under Horizon Europe

## 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, and provide solutions to the [Farm 2 Fork strategy](#).
- Provide **the scientific evidence**, as well as the collaborative experience among **practitioners and citizens**, to support **the transformation** of local, national, European and global food systems.
- **The objective of the partnership** is 'to collectively develop and implement an EU-wide committed research and innovation partnership **to accelerate the transition towards healthy diets that are safe and sustainably produced, and consumed in resilient EU and global food systems**'.



# The SFS partnership process:



The partnership preparations have been carried out in an open and interactive manner:

- ▀ **START 2019**: 1<sup>st</sup> workshop 'main challenges to address' 18.9.2019
- ▀ Public survey summer of 2020 + 2<sup>nd</sup> workshop 1.10.2020: outline of the partnership
- ▀ 2021: Narrative of the partnership **why, what and how** this partnership is to be, writing and co-creation involving 47 experts from 14 countries (and different networks).
  - 3<sup>rd</sup> workshop March 2021 synergies with other partnerships and identify complementarities
  - 4<sup>th</sup> workshop September 2021 stakeholder reflections on the scope and outcome expectation, 26 EU and associated countries, funders and foundation representatives
- ▀ **Final partnership proposal** published April 2022

The four thematic areas for transformative R&I:

- Change the way we eat
- Change the way we process and supply food
- Change the way we connect with food systems
- Change the way we govern food systems

# SFS partnership focus on transformation



## Gliesman's five levels of agroecology

**Level 4** and **5** are beyond production and focus on socio-economic aspects such as re-establishing connections between growers and eaters and responsible governance.

### 5 LEVELS OF FOOD SYSTEM CHANGE AND 10+ ELEMENTS OF AGROECOLOGY



# The SFS partnership SRIA

- The partnership will be guided by a common Strategic Research and Innovation Agenda (**SRIA**)
- The first steps towards development of a SRIA was taken in a process guided by the SCAR SWG Food Systems and involving national representatives and a representation of trans-European umbrella organisations and stakeholder groups.

→the formulation of four provisional thematic areas framing different aspects of the Food Systems development

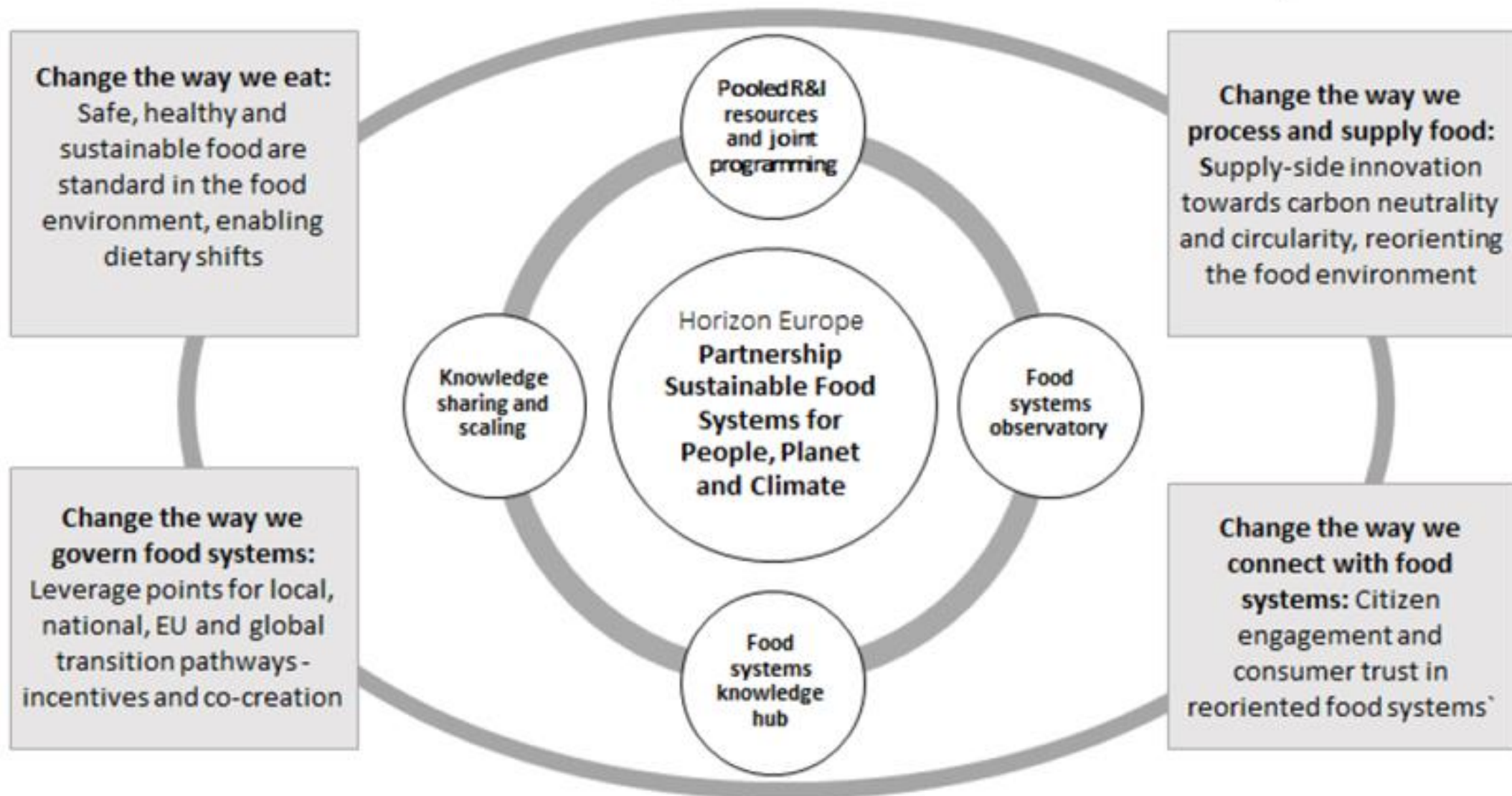
The partnership will achieve its ambition **to coordinate, align and leverage European and national R&I efforts** on future-proof food systems through four interconnected activities:

The four interconnected activities:

- Pooling R&I resources and programming
- Launching a food systems observatory
- Establishing a food systems knowledge hub
- Knowledge sharing and scaling, adapting knowledge systems, innovation platforms and science-policy interfaces



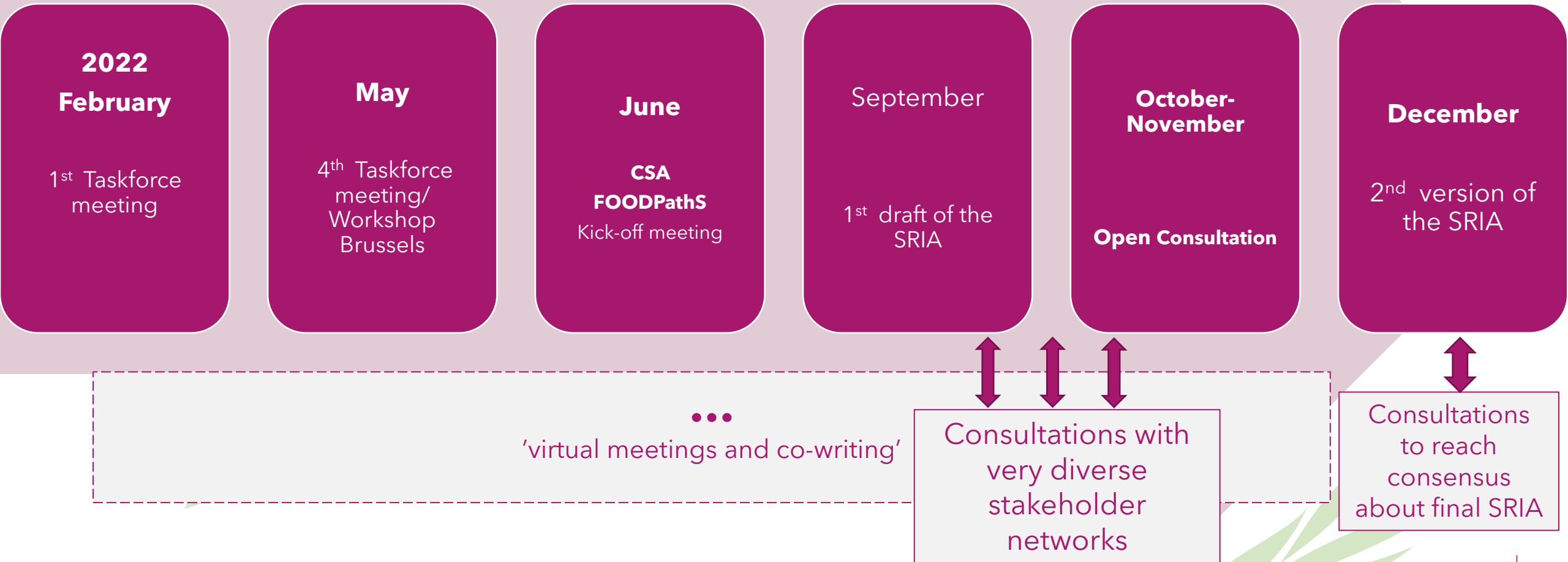
# Enable R&I to drive food systems transformation processes



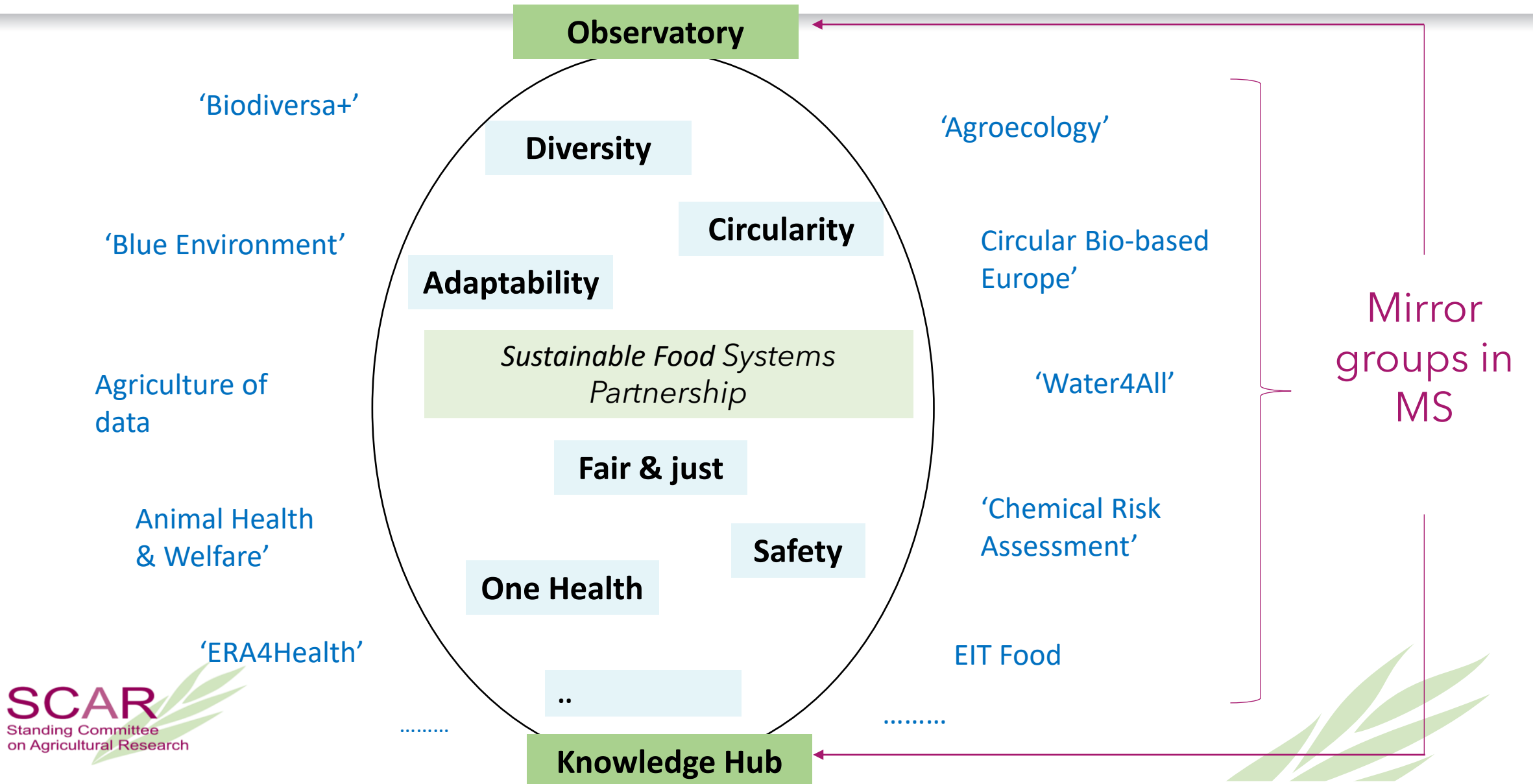
The R&I focus areas and transversal activities of the Partnership SFS



# SRIA Timeline



# FS is too broad to be covered in a one Partnership: interactions with other Partnerships needed & MS mirror groups



# Questions for you

- ✦ What has been your country response to the EC request whether or not to support the SFS Partnership?
- ✦ What have been your arguments in favor or against the partnership SFS?
- ✦ What have been your recommendations to be taken into account in the SRIA?

✦ **SRIA open consultation starts - BE ACTIVE!**



# Thank you for your attention

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SCAR  
Food Systems  
working group

More  
information



**SCAR**  
Standing Committee  
on Agricultural Research