

SCAR European Agricultural Research towards greater impact on global Challenges SCAR ARCH

European Agricultural Research towards greater
impact on global CHallenges

<https://scar-europe.org/scar-working-groups/scar-arch>



ARCH MENU AREA

Mission and aims 

Documents 

Events 



Mission of SCAR ARCH in adequation with global challenges

- Improve linkages between European and international agricultural research leading to more efficient investments in agricultural research and consequently higher impact on sustainable development worldwide.

Objectives of the SCAR ARCH

Expected outcomes of SCAR ARCH include:

- Expand the scope of European research to the Global level in areas, where global interdependences are strong (e.g. food systems, climate change, diseases etc.),
- Greater research impact on meeting the Sustainable Development Goals,
- Improved efficiency of use of research funding, promote international cooperation beyond EU member states and associated countries.



Main achievements in recent years:

2022

Deforestation



POLICY BRIEF
Combating imported deforestation -
challenges for science

SCAR ARCH & FOREST SWG | 10/2022
Nicolas Picard, Jessica Reibels Lichtenberg, Rune Groven, Emmanuel Albina, Siegfried Harrer



2024



Joint SCAR Workshop Report

"Research needs and priorities for the transformation to sustainable food systems at European and global level"

Introduction

The Strategic Working groups of the Standing Committee on Agricultural Research (SCAR): ARCH, FOOD SYSTEMS and BIOECONOMY jointly organised a workshop entitled "International Expert Consultation on Research needs and priorities for the transformation to Sustainable Food Systems at European and global level". The workshop was designed to discuss the challenges facing the global food system and to identify priority research and innovation (R&I) issues to be addressed in the short, medium and long term.

The online workshop took place over three half days in January (January 23rd, 24th and 25th) 2024. It brought together 120 participants from international research organisations/academia, National public authorities, EU institutions, the private sector/industry, funding organisations and NGOs from 32 countries.



The questions were organised around the following themes:

1. Safe and nutritious food and sustainable and healthy diets at global level
2. Equitable and fair global transformation of food systems
3. Improve resilience and food security at European and global scales
4. Governance and policies



Food Systems

2024



SCAR
Standing Committee
on Agricultural Research

RESEARCH AND INNOVATION PRIORITIES FOR MORE SUSTAINABLE FOOD SYSTEMS IN EUROPE AND GLOBALLY



Main achievements in recent years:

2024

2025

Internationalisation

Argument

On the importance of internationalizing the Horizon Europe Partnerships: why is it necessary and how can it be envisioned (01.05.2024)

R&I activities. A large part of these activities will be undertaken by various IP* developed under the Horizon and now Horizon Europe framework programmes.

Most of the challenges targeted in the IP* have also global issues due to interconnected and interdependent systems with global value chains, from production to delivery/trade and consumption. Indeed, the EU uses a significant part of world lands for its own consumption, 40% of the necessary cultivable land for the production of agricultural goods consumed in the EU are outside the EU. In addition, 30% of agricultural goods consumed in the EU are imported. The EU is also responsible for 19% of the deforestation associated with international trade (** world position after China). Soy, palm oil and beef are the commodities with the largest embedded tropical deforestation imported into the EU, followed by wood products, cocoa and coffee. Furthermore, EU directives and regulations aiming at strengthening a sustainable agriculture in the context of climate change, biodiversity loss, environment degradation, although targeting worthy objectives from a European perspective, may have negative side-effects on the agriculture and the development of third countries.

Therefore, the EU has an important responsibility and a global leadership to take in supporting the necessary and urgent transformation to sustainable farm and food systems at local, regional, European and global scales. The EU can also ensure a progressive and fair adjustment of the international trade of agricultural goods, leaving no countries (either net exporting or net importing) behind the expected transformation of the market. The transformation of the farm and food systems and the related global market is also an inherent condition for the achievement of the UN sustainable development goals by 2030. Three SDG are particularly important to consider: SDG2-“Zero Hunger” (achieve food security and improved nutrition and promote sustainable agriculture), SDG12-“Responsible consumption and



Round Table Report
“Internationalisation of EU R&I co-funded partnerships: Challenges and Opportunities
13th March 2025



2025

2026

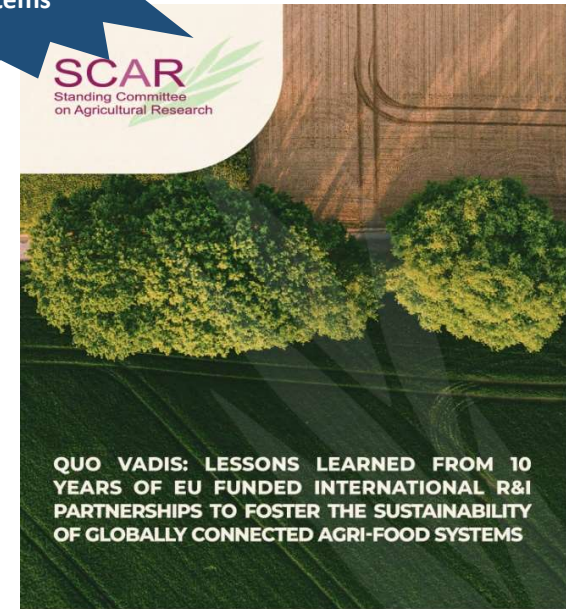
Agri-Food Systems



R&I ANALYSIS REPORT
Achievements of EU Research, Innovation and Development projects in the last 10 years to address the global challenge of agriculture transformation

Authors: Prof. Vladislav Popov, Prof. Isabel Medina

May 2025



SCAR
Standing Committee
on Agricultural Research

QUO VADIS: LESSONS LEARNED FROM 10 YEARS OF EU FUNDED INTERNATIONAL R&I PARTNERSHIPS TO FOSTER THE SUSTAINABILITY OF GLOBALLY CONNECTED AGRI-FOOD SYSTEMS



Ongoing activities with other SCAR SWGs:

→ Joint Activity with SCAR Agroecology:

“Agroecology in the world”

→ Joint Activity of SCAR Bioeconomy, Forest and ARCH strategic working groups:

“The risks to the Bioeconomy and the bioeconomy’s contribution to the resilience of the European society in times of poly crisis”

→ Workshop held in January 2026

How can ARCH members contribute to the group:

- ➔ Bring in your professional experience and your networks in research and international cooperation
- ➔ Contribute with part of your capacities to ARCH activities (new themes/ideas, meetings, task force work etc.)
- ➔ Share EC / SCAR / ARCH information with your national colleagues
- ➔ Share relevant information from your national colleagues with ARCH / SCAR / EC

How could members *benefit* from their participation in ARCH:

- ➔ Cooperate with colleagues on a wide range of topics with a strong international dimension
- ➔ Shaping policy advice for SCAR and EC (policy briefs, funding environment, EC-surveys etc.)
- ➔ Receive updated information about EU policies on R&I
- ➔ Increase your visibility (enlarging and consolidating your professional networks, co-authoring publications like policy briefs)



**Thanks for your
attention**