

# SCAR Presentation





# Vision of the SCAR

---

European Research and Innovation (R&I) in agriculture, forestry, food and the wider bioeconomy are essential to **accelerate the European Green Deal agenda**, through scientific evidence and innovative solutions.

The Green Deal has put Europe in a favourable position to **become a leading actor in the transition to sustainable agriculture, forestry and food systems**.

- SCAR advises
- SCAR co-creates impactful research and innovation strategies
- SCAR inspires research
- SCAR promotes and engages in novel mechanisms of research and innovation towards strengthening the European Research Area

# What is SCAR?



---

## ▸ Playing field



- European agriculture, fisheries, food, forestry & wider bioeconomy with focus on research and innovation

## ▸ Goal: Contribute to creating an integrated European Research Area by:

- Increasing connections between research & innovation
- Removing barriers to innovation
- Stimulating co-creation between public-public & public-private sectors, towards delivering innovation & tackling challenges

# Main tasks of the SCAR

European Research Area for agriculture, fisheries, food,  
forestry & bioeconomy

Strategic  
policy  
advice

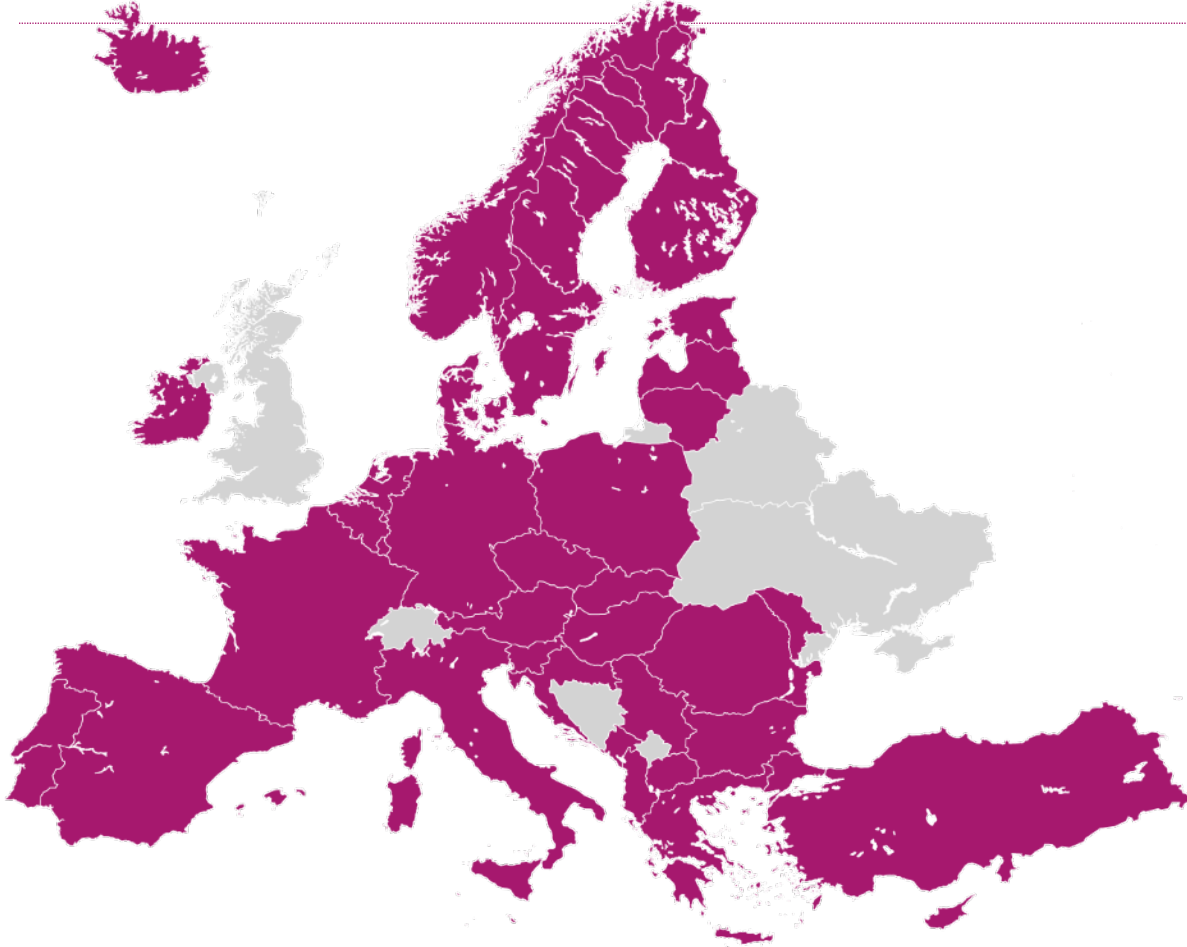
Developing a strong  
foresight process and  
insights

Developing common  
research & innovation  
agendas

Mapping and mobilising  
SCAR research & innovation  
capacities



# Who is SCAR?



Overview SCAR members - update March 2022

## More than 35 countries:

- EU Member States
  - Delegates of ministries (mainly ministries of agriculture)
  - Organisations such as research councils, research institutes and universities
- Observers
  - Candidate countries
  - Associated countries

## European Commission

- Secretariat
- DG RTD - Research and Innovation
- DG AGRI - Agriculture and Rural Development



# Historical background



## 1974: SCAR established

Regulation (EEC) No 1728/74 of the Council of 27 June 1974 on the coordination of agricultural research



## 2008: Revised mandate by the Council

- To better reflect the significant changes to the European agricultural research agenda
- Goal: to advise the EC and MS on the coordination of agricultural research in Europe
- After SCAR Secretariat moved from DG AGRI to DG RTD in 2005, re-launch of SCAR as we know it today

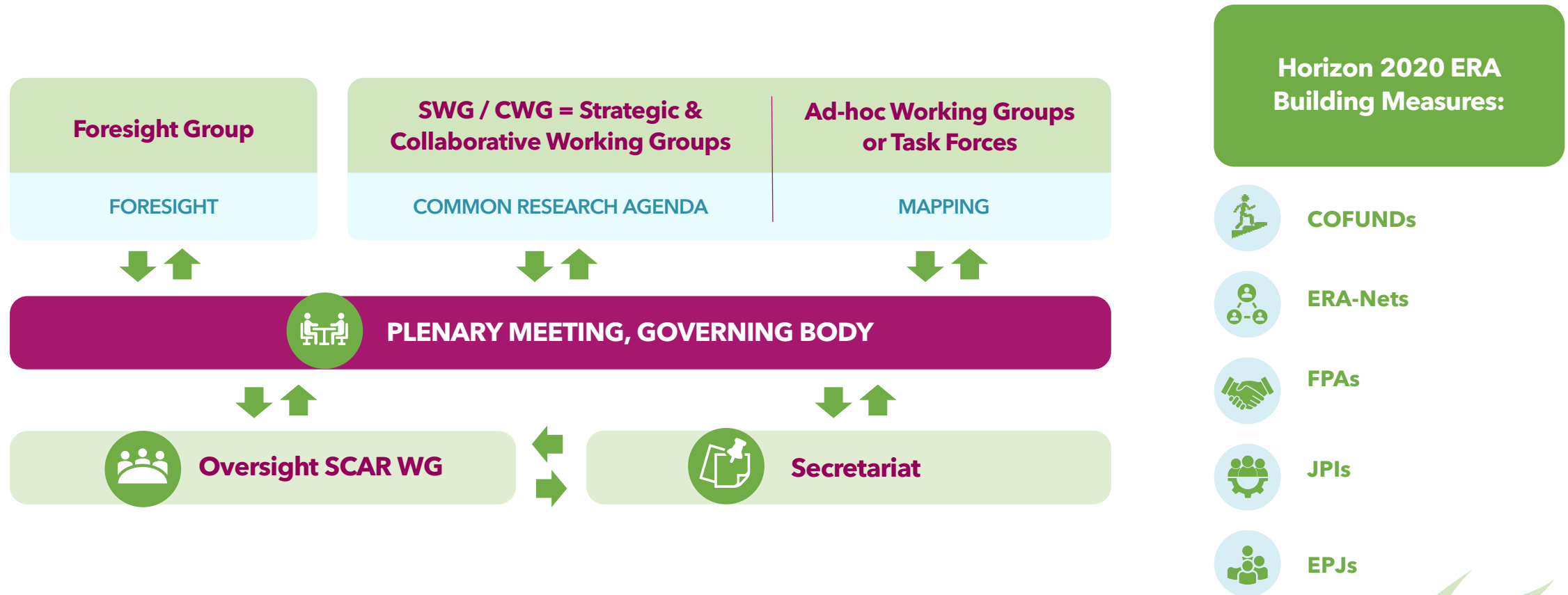


## 2012: Widening the scope of SCAR

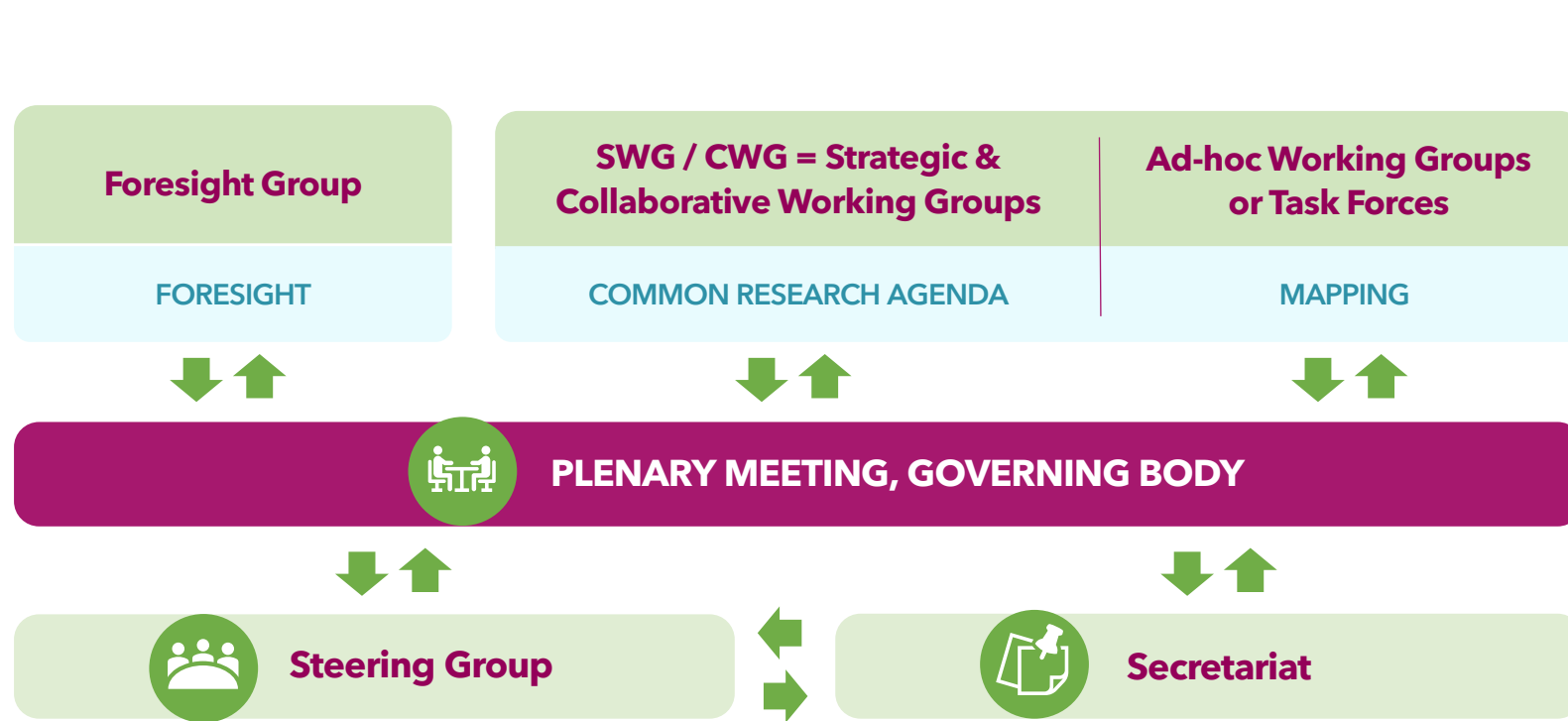
- Main tasks of SCAR:
  - Developing common research & innovation agendas
  - Developing a strong SCAR foresight process and insights
  - Mapping and mobilising SCAR research & innovation capacities
- Thematic SCAR Working Groups



# Organisational structure - Horizon 2020



# Organisational structure



Horizon Europe ERA  
Building Measures:  
5 PARTNERSHIPS



Food Systems



Agroecology



Animal Health  
and Welfare



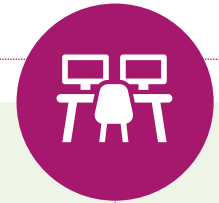
Agriculture  
of Data



Forestry



# Governing body: Plenary Meeting



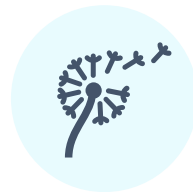
- **Main tasks**

- **Decide** on the creation of working groups (WG) and endorsing their mandates
- **Discuss** initiatives proposed by the EC or SCAR Steering Group (SG) or WGs
- **Advise** on policy recommendations by the WGs
- **Inform** the EC and EP on its initiatives

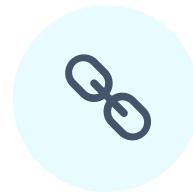
- **Participants**



SCAR delegates  
from all EU MS



5 Candidate MS



3 Associated states



# Steering Group

- **Main tasks**

- **Plan** and prepare the SCAR plenary meetings
- **Coordinate** mechanisms in Horizon 2020 / Horizon Europe
  - Ensure coherence of partnership landscape
- **Organise** the establishment of new working groups and task forces (TFs), provide support and advice to working groups
- **Propose** the creation of new TFs or WGs to the plenary
- **Align** tasks with the EU Presidency priorities

- **Participants**



Open to SCAR delegates from all countries represented in the plenary



EC Staff



# Foresight Group



- **Main tasks**

- **Foresight** activity to engage Member States and Associated Countries
- **Inspire** research initiatives

## ▮ Participants



SCAR  
members



During active foresight process:

- Long-term experts (approx. 5)
- Short-term experts (approx. 5)
- Advisors from CWG, SWG, ERA-Net and JPI
- Representative members are invited as required



# Strategic & Collaborative Working Groups (SWG & CWGs)

- **CWG:** Focus on thematic coordination. Some became ERA-Nets and COFUNDs.
- **SWG:** Focus on strategic policy advice. Many previous CWGs are now SWGs.



- **Main tasks**

- Strategic R&I policy advice
- Develop strategic research agendas
- Highlight priority research topics through portfolio analyses, mapping activities and gap analyses
- Co-design Horizon Europe partnerships

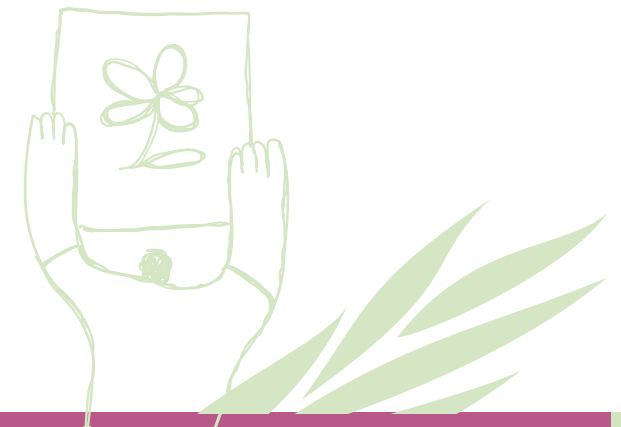
- **Participants**



Experts nominated by SCAR members



EC Staff



# Key actions of the SCAR

## ▸ Co-design of Horizon Europe Partnerships

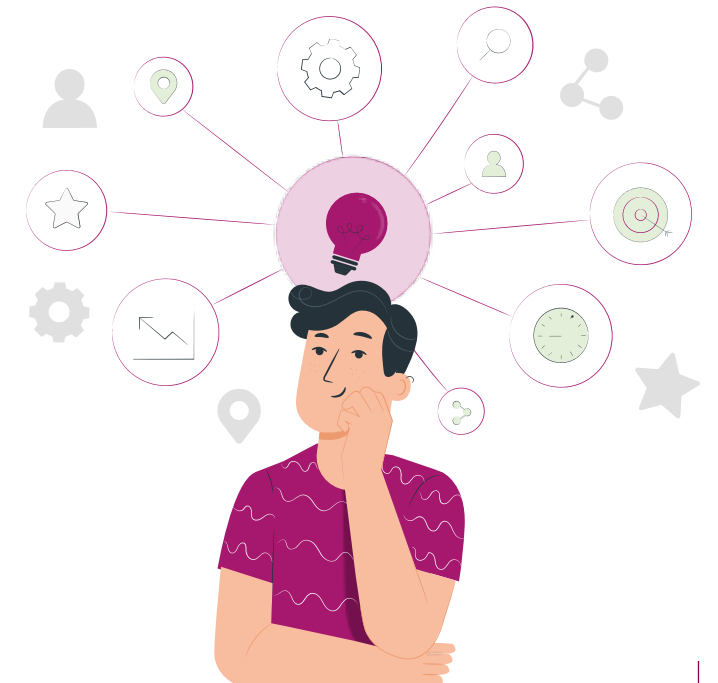
- Food Systems
- Agroecology
- Animal Health and Welfare
- Agriculture of Data
- Forestry

## ▸ Further dissemination of the 5th SCAR Foresight results

## ▸ Initiating process towards the 6th SCAR Foresight

## ▸ European Research Area

- Action 2: Towards 5% of national R&I investments to joint programmes and European Partnerships by 2030



# From a joint European Vision to Joint Action



- European Research and Innovation (R&I) in agriculture, forestry, food and the wider bioeconomy are essential to accelerate the European Green Deal agenda, through scientific evidence and innovative solutions.
- The Green Deal has put Europe in a favourable position to become a leading actor in the transition to sustainable agriculture, forestry and food systems.

**If SCAR would not exist, we would need to invent it**

# SCAR Agroecology SWG

## SCAR AE

### Co-chairs

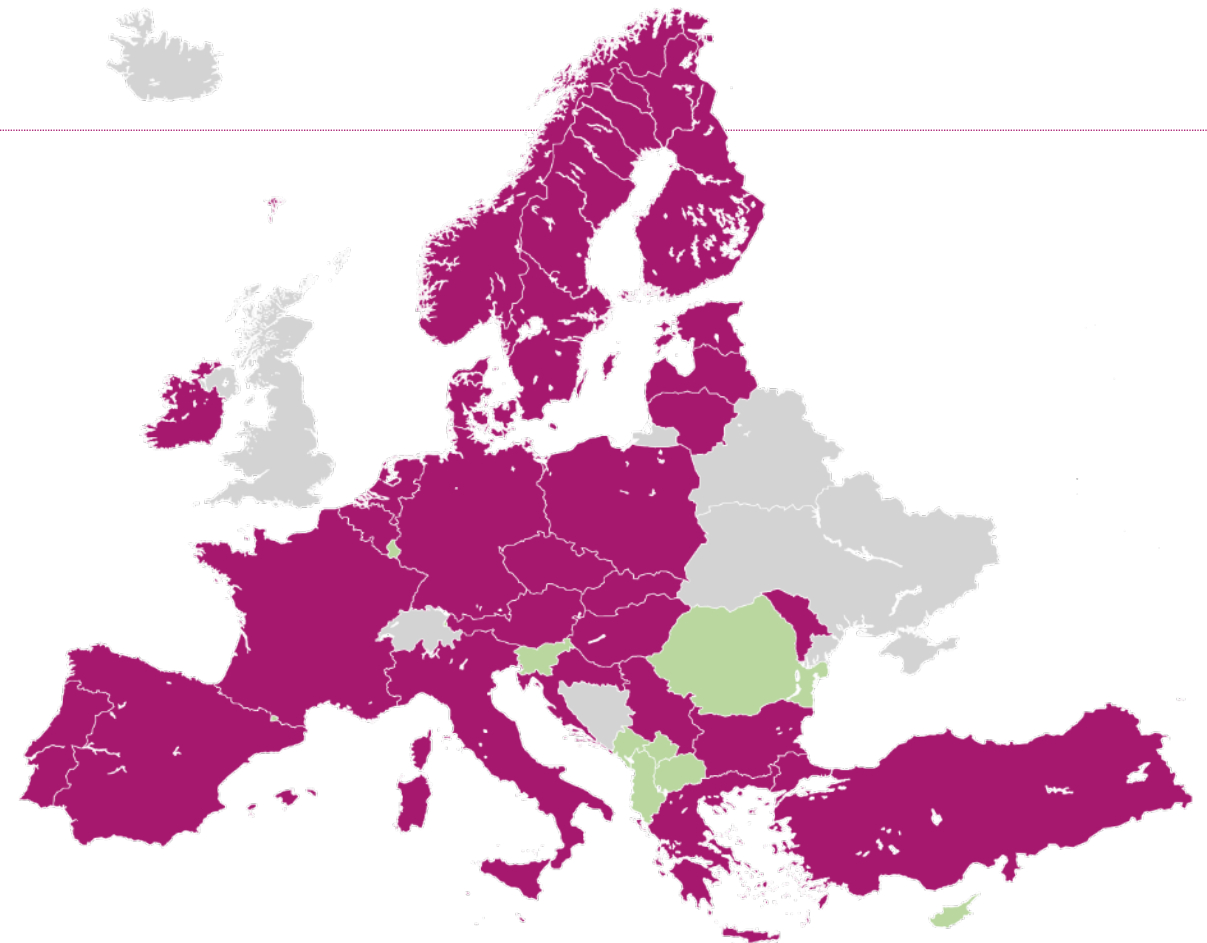
Nicolas Tinois, Torsten Rødel Berg and Benjamin Sanchez

### Mandate period

1/1/2020 - 31/12/2023

### Members

- 27 countries + EC and key advisors



● SCAR AE member ● SCAR member ● Not a member

Overview members SCAR AE - update March 2022

# Mission of the SCAR AE

## Support research and innovation policy development for agroecology (AE) at national, EU and international levels by

- Providing conceptual, methodological and practical frameworks on AE, AE Living Labs (LLs) and Research Infrastructures (RIs).
- Offering a platform for continuous strategic discussion between the EC, MS and AC as well as stakeholders on priorities in AE R&I.





# Objectives of the SCAR AE

---

- **Preparing** the concept of the candidate partnership on agroecology living labs and research infrastructures proposed under Horizon Europe (provisional title “Accelerating Farming Systems Transition: Agroecology Living Labs and Research Infrastructures”), that will serve as a basis for the EC to
  - **Request** Member States and Associated Countries’ financial commitments to the partnership.
  - **Prepare** the partnership call in the work programme 2023-2024.
- **Developing** the Strategic Research and Innovation Agenda (SRIA) for the partnership.

# SCAR AE: Planned activities

---

- Fine-tuning the partnership concept (until April 2022).
- Developing the SRIA (to be finalised by the end of 2022), which will include:
  - Identification of R&I gaps and needs
  - Consultation of stakeholders
  - Ensuring linkages with other initiatives (including Horizon Europe partnerships and missions)



# SCAR Agricultural Knowledge and Innovation Systems SWG - SCAR AKIS

## Co-chairs

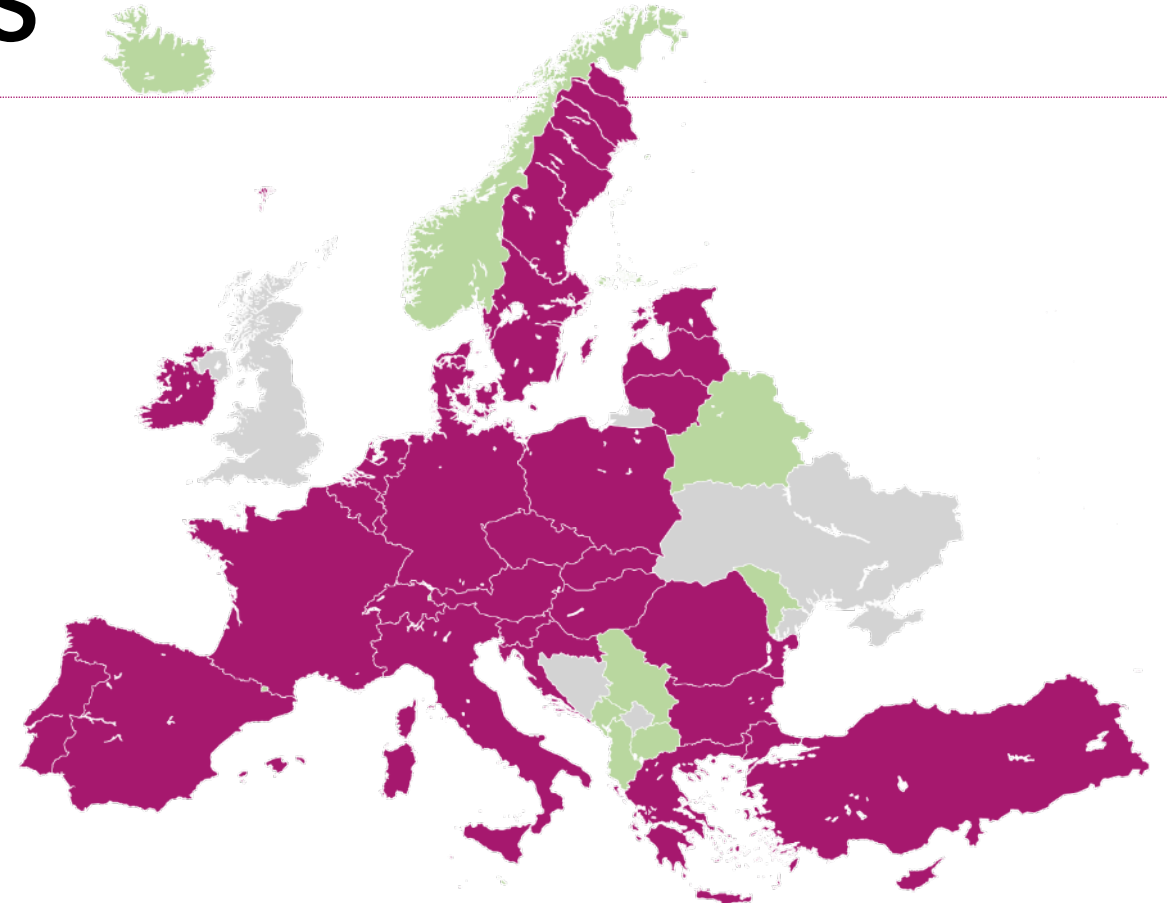
Anikó Juhász and Pascal Bergeret

## Mandate period

1/1/2019 - 31/12/2022 (extended with 2 years because of COVID-19)

## 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



# Objectives of the SCAR AKIS

---

- **Improving** the functioning of knowledge and innovation systems in the bioeconomy.
- **Pursuing** the outcomes of all foresight studies to stimulate appropriate research and innovation activities, knowledge generation and knowledge exchange.
- **Covering** all agri-food and biomass chains, from producer to consumer, in a systemic approach.

# SCAR AKIS: Planned activities

- **Focus** on improving the functioning of knowledge and innovation systems in the bioeconomy.
- **Achieve** greater impact of the Multi-Actor Approach (MAA) implementation in EU AKIS.
- **Define** the role of education in EU AKIS.
- **Define** the role of digitisation and E-infrastructures in knowledge exchange.
- **Define** the role of social innovation and inclusiveness in EU AKIS.



# SCAR European Agricultural Research towards greater impact on global CHallenges

## SCAR ARCH

### Co-chairs

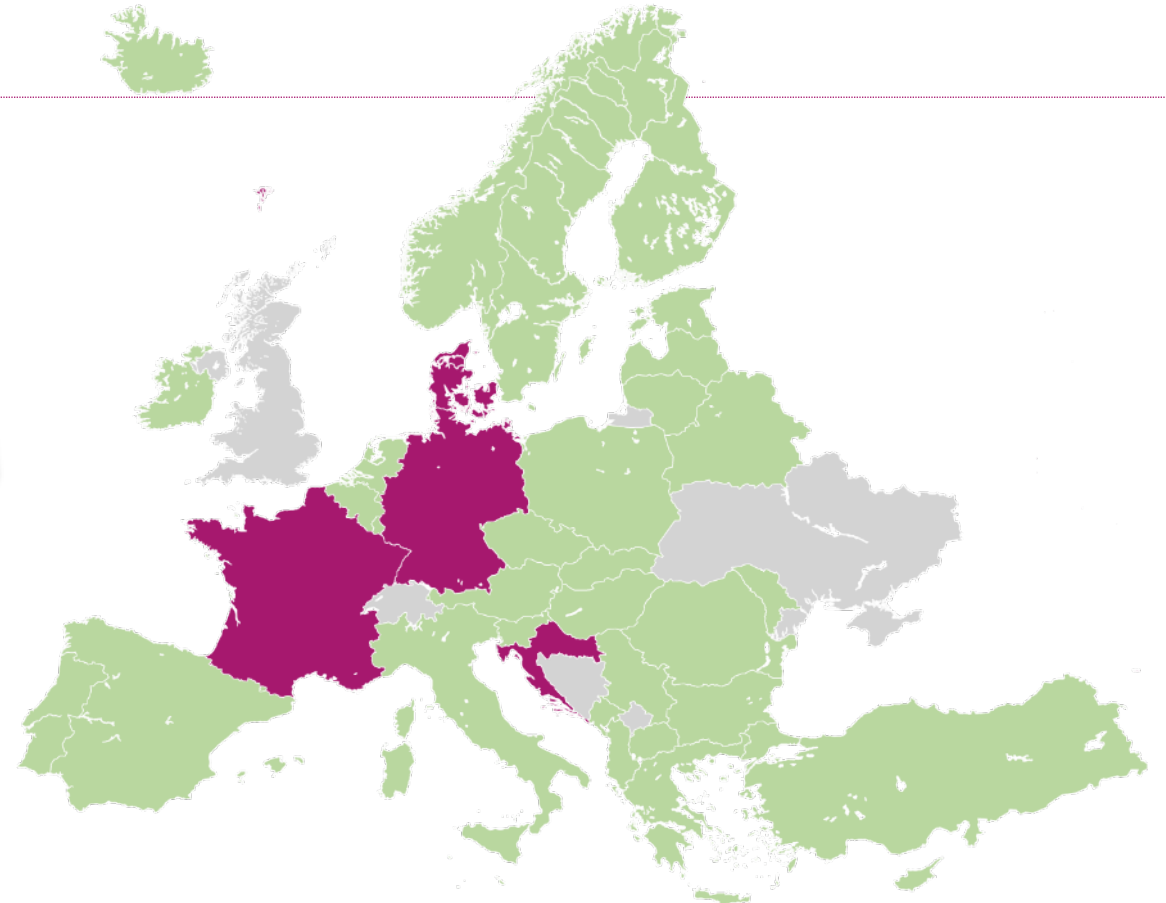
Siegfried Harrer and Philippe Petithuguenin

### Mandate period

1/1/2021 - 31/12/2022

### Members

- 4 countries in Focus Group



● SCAR ARCH member ● SCAR member ● Not a member

Overview members SCAR ARCH - update March 2022

# Mission of the SCAR ARCH

- Improve linkages between European and international agricultural research





# Objectives of the SCAR ARCH

---

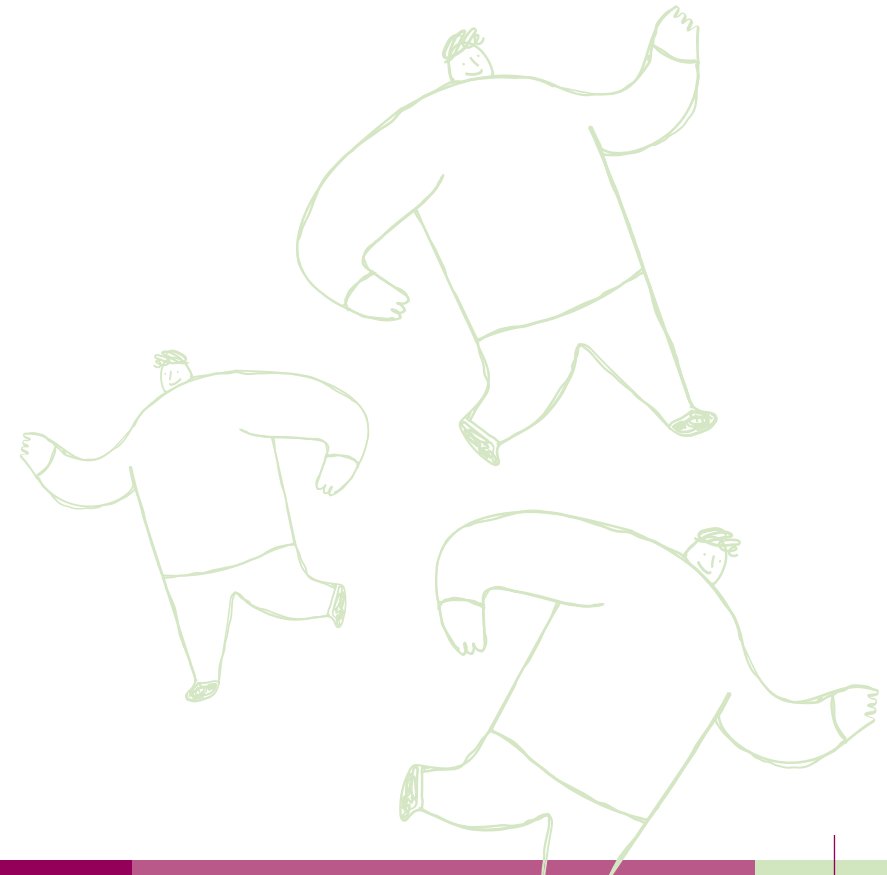
- **Expanding** the scope of European research to the global level in areas where global interdependences such as food systems, climate change and diseases are imminent.
- **Increasing** research impact on meeting the Sustainable Development Goals.
- **Improving** the efficient use of research funding.

# SCAR ARCH: Planned activities

- Publish a policy brief “Imported Deforestation” in collaboration with SWG Forest (June 2022).

**SCAR**  
Standing Committee  
on Agricultural Research

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



# SCAR Bioeconomy SWG

## SCAR BSW

### Co-chairs

Sascha Bollerman and  
Alexandros Theodoridis



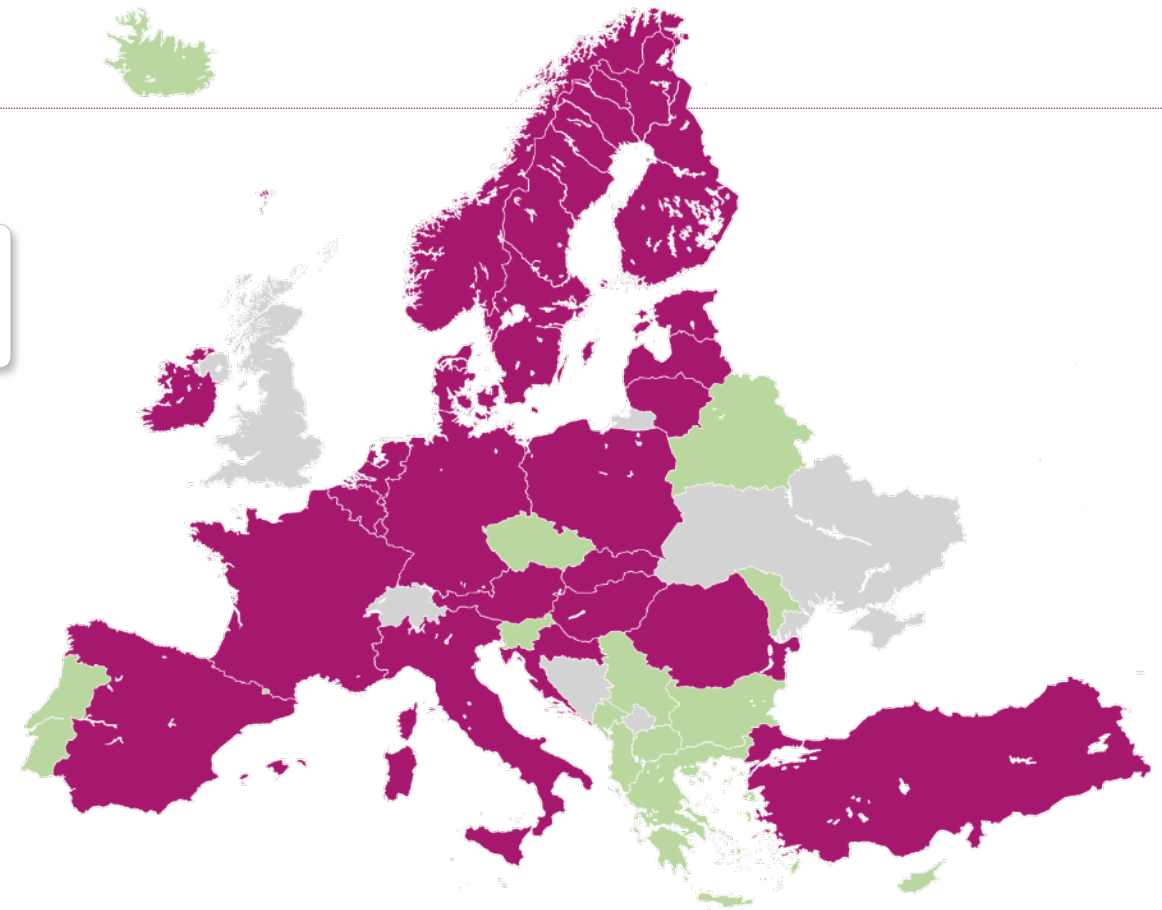
Bioeconomy Strategic  
Working Group

### Mandate period

1/01/2020 - 31/12/2022

### Members

- 23 countries + EC and key advisors



● SCAR BSW member ● SCAR member ● Not a member

Overview members SCAR BSW - update March 2022

# Mission of the SCAR BSW

➤ Increase the added value for and of the bioeconomy by

- Knowledge creation & sharing
- Translating science to policy
- Networking & collaboration



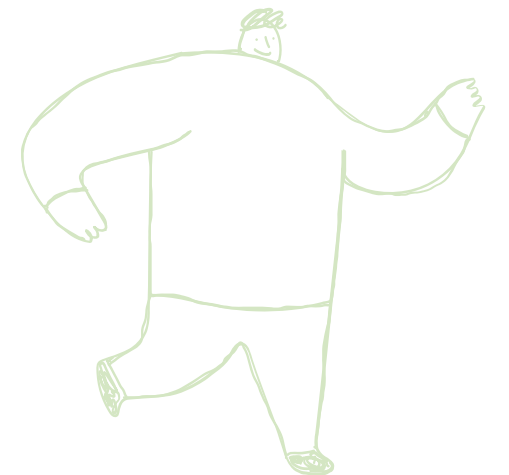
# Objectives of the SCAR BSW

---

- **Creating** a platform for MS, AC and the EC where they can exchange, discuss and learn from each other on regional/national/EU-wide activities, strategies and their implementation in different action areas.
- **Delivering** recommendations and strategic advice based on MS/AC needs and key areas of interest to support the EC and MS/AS in designing and implementing bioeconomy strategies and thematically relevant policies.
- **Providing** advice on R&I in the bioeconomy domain to support SCAR, the EU and MS.

# SCAR BSW: Planned activities

- Analyse bioeconomy-related topics in the Horizon Europe Cluster 6 work programme 2021/22 and EU Missions' work programmes (esp. soil and oceans): lessons learnt and recommendations for development of further Cluster 6 WPs.
- Develop and propose R&D actions to advance the climate targets and increase the added value in bioeconomy value chains.



# SCAR Fisheries and Aquaculture Research SWG

## SCAR Fish

### Chair

Kjersti T. Fjalestad

### Co-chair

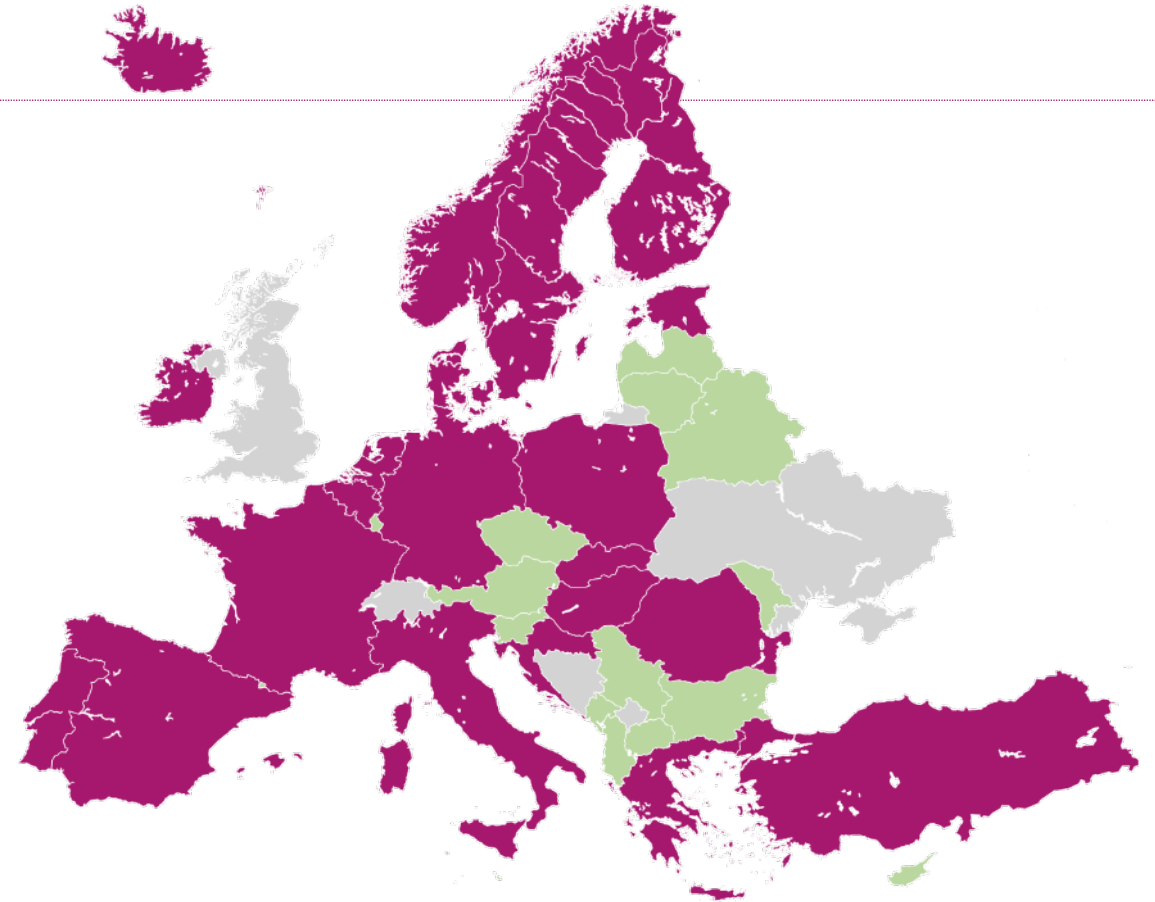
Nina Peuhkuri

### Mandate period

1/6/2020 - 31/05/2023

### Members

- 19 countries + EC and key advisors



● SCAR Fish member ● SCAR member ● Not a member

Overview members SCAR Fish - update March 2022

# Mission of the SCAR Fish

- Forge a strong linkage between Member States' Ministries in charge of fisheries (including fresh water) and aquaculture and the European Commission (DG Research & Innovation, DG MARE, DG Environment). Help define EU Research and Innovation priorities within Horizon Europe, the Common Fisheries Policy, and other programmes.







# Objectives of the SCAR Fish

---

- **Helping** to define EU research priorities within relevant initiatives: Horizon Europe Work Programmes, Bioeconomy Strategy, Food & Nutrition Security Strategy with inputs from SWG Food Systems, Agro-Food and Forestry Strategy.
- **Collating** and analysing both new and existing information in the areas of:
  - Foresight
  - Common research agendas
  - Mapping EU capacities

# SCAR Fish: Planned activities

---

- In general, identifying potential research and development gaps and most promising approaches to management of capture fisheries and aquaculture.
- Identifying gaps and proposing research on the value of Fisheries Dependent Information on real-time data collection and real-time monitoring.



# SCAR Food Systems SWG

## SCAR FS

### Chair

Monique Axelos

### Co-chair

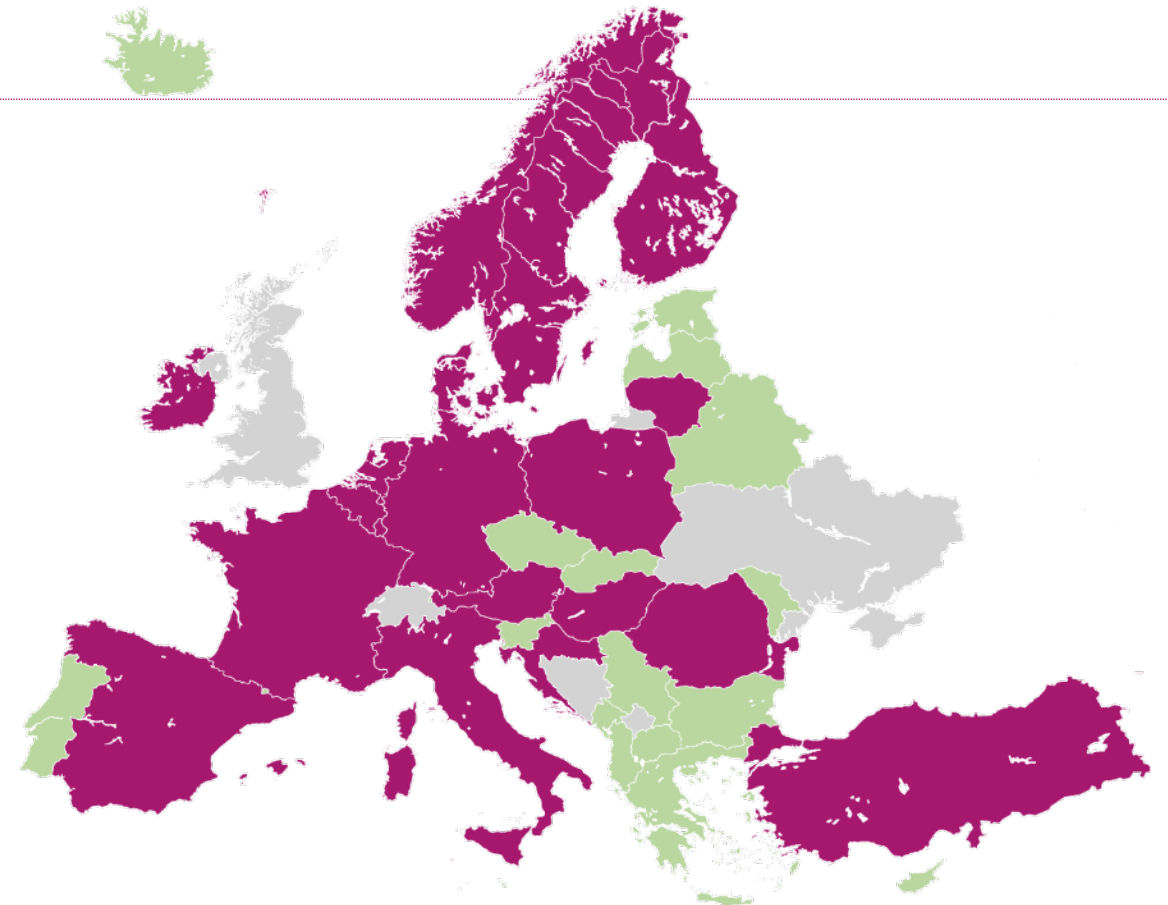
Minna Huttunen

### Mandate period

01/12/2019 - 31/11/2022

### Members

- 20 countries + EC and key advisors



● SCAR FS member ● SCAR member ● Not a member

Overview members SCAR FS - update March 2022

# Mission of the SCAR FS



- Provide strategic advice, orientation, and support to the EU R&I policy framework FOOD2030, and to Cluster 6 of Horizon Europe.
- Contribute to the successful implementation of the Farm to Fork strategy, as well as the UN SDGs and the COP 21 commitments.
- Promote the development and shaping of the food system R&I policy implementation at EC level.

# Objectives of the SCAR FS

---

- **Contributing** to the development of the Horizon Europe Partnership for sustainable food systems (SCAR FS SWG is serving as a convening platform).
- **Preparing** the SRIA (Strategic Research and Innovation Agenda) for the SFS Partnership (continuation of Action 1. Food systems of the future).
- **Finalising** Action 3: Translate Science into Policy, publication of deliverables.
- **Starting** Action 6: On Digitalisation.

# SCAR FS: Planned activities

---

- Hold three expert workshops on SRIA development.
- Hold workshop on translating science into policy.
- Hold workshop on digitalisation.



# SCAR Forest and Forestry Research and Innovation SWG

## SCAR Forest

### Chair

Nicolas Picard

### Interim-Co-chair

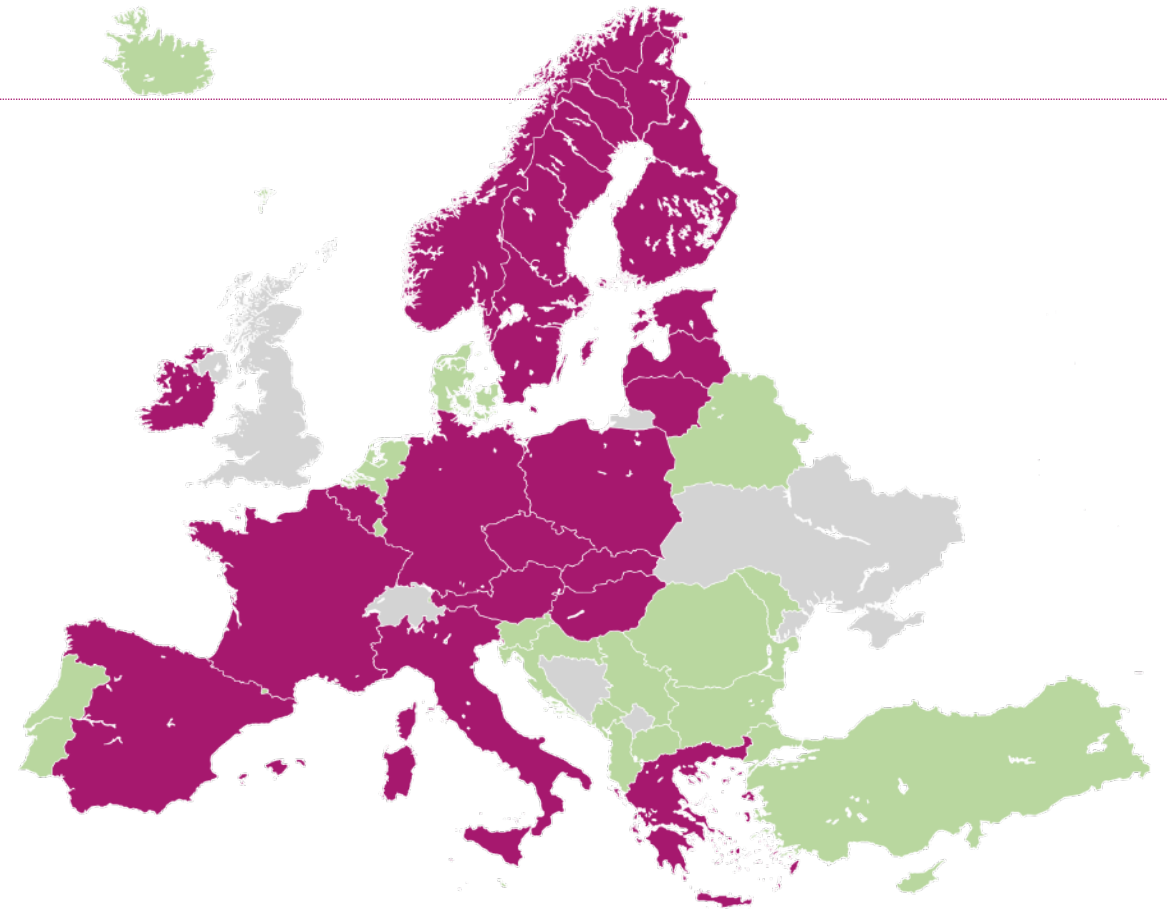
Karin Perhans

### Mandate period

1/07/2019 - 30/06/2023

### Members

- 18 countries + EC and key advisors



● SCAR Forest member ● SCAR member ● Not a member

Overview members SCAR Forest - update March 2022

# Mission of the SCAR Forest

- Be a source of advice on European forest-based R&I, thus contributing to the development of a coherent and ambitious forest-based research area.







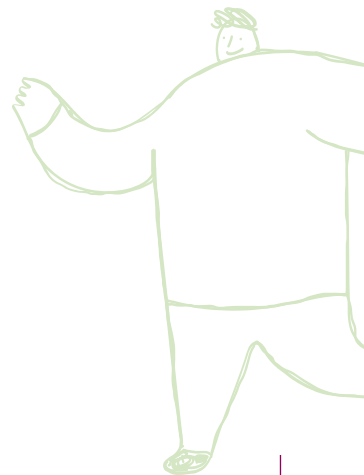
# Objectives of the SCAR Forest

---

- **Promoting** and strengthening transnational research and cooperation in the fields of climate change, biodiversity, ecosystem services, and bioeconomy in order to increase sustainability and competitiveness of the EU's forest-based sector.
- **Promoting** forest-based systems and value chain approaches with consideration for other sectors and regions of the world.
- **Being** a source of advice for a coherent and ambitious forest-based research and innovation area.
- **Providing** advice on R&I in regard to the implementation of forest-related national policies and EU forest strategy and related policies.

# SCAR Forest: Planned activities

- ✦ Publish a policy brief on “Imported Deforestation” with SCAR ARCH.
- ✦ Work on the development of guidance notes for prospective COST proposal writers.
- ✦ Work to increase the role of EIPs in the development of the European forest-based sector.
- ✦ Follow up on the ERA-Net Cofund ForestValue.
- ✦ Work on the development of a research and innovation partnership on forestry in the frame of the 9th research and innovation research programme Horizon Europe.
- ✦ Joint activity with SCAR BSW to discuss what bioeconomy is for the forest-based sector.
- ✦ Publish advice for the implementation of the post-2020 EU forest strategy.
- ✦ Promote important topics for research and innovation work programmes.



# SCAR Animal Health and Welfare CWG

## SCAR AHW

### Chair

Hein Imberechts



### Co-chairs

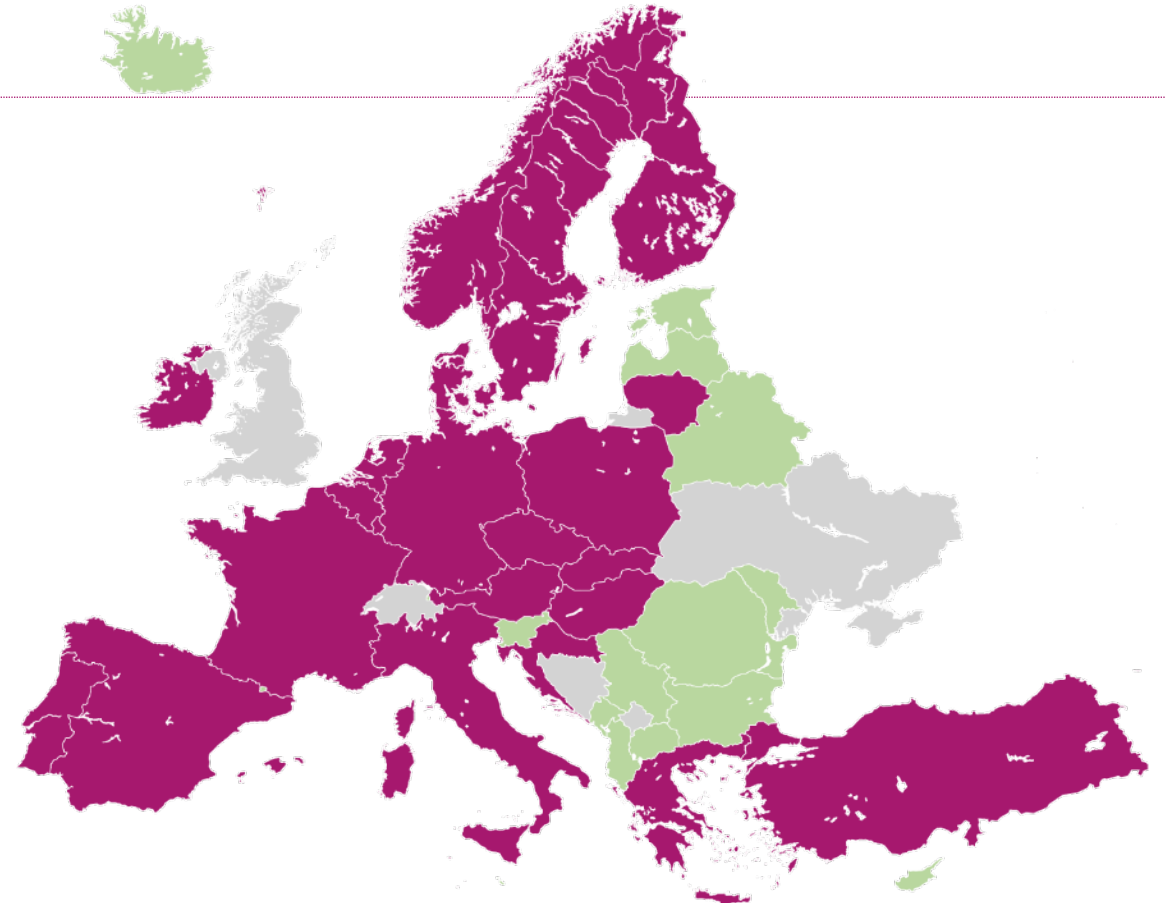
Hermann Schobesberger and  
Loukia Ekateriniadou

### Mandate period

Permanent

### Members

- 25 countries + EC and key advisors



● SCAR AHW member ● SCAR member ● Not a member

Overview members SCAR AHW - update March 2022

# Mission of the SCAR AHW

- ✦ Establish a durable and focused network of AH&W authorities, research funders and programme managers from MS & AS, who have privileged contacts with public and private stakeholders relevant to AH&W, including the EC DG-AGRI.
- ✦ Provide a forum leading to improved collaboration on research prioritisation and procurement to create the critical mass and focus necessary for delivering the animal health and welfare research needs of our policy makers and the European livestock industry.
- ✦ Cooperate through SCAR with other relevant Working Groups and DG-RTD.

# Objectives of the SCAR AHW

---

- **Sharing** information on relevant research projects.
- **Coordinating and aligning** research activities, mainly through ERA-Nets and the Partnership AH&W.
- **Working towards a common research agenda** in AH&W.
- **Working towards mutual research funding activities** in the field of animal health, fish and bee health, and those conditions which pose a threat to human health.
- **Mapping the landscape** in relation to provisions of research funding opportunities and facilities, including capacities and research infrastructure.

# SCAR AHW: Planned activities

- ✦ Organise at least two plenary meetings including satellite meetings of subgroups Strategy & Foresight Unit and Animal Welfare.
- ✦ Prepare the dossier, SRIA and proposal for the EU Partnership on AH&W (EU Work Programme 2023-2024) and work towards a joint implementation of the Partnership.
- ✦ Share information on ongoing research activities and options for collaboration, and on emerging diseases.
- ✦ Maintain and consolidate interaction with international organisations (EFSA, OIE, COST), industries (COPA and COGECA, Animal Health Europe).
- ✦ Continue liaising with large projects STAR-IDAZ IRC, ICRAD, One Health EJP, DISCONTTOOLS.
- ✦ Write position paper on relevant topics where applicable.



# SCAR Sustainable Animal Production CWG

## SCAR SAP

### Chair

Bernhard Polten

### Co-chair

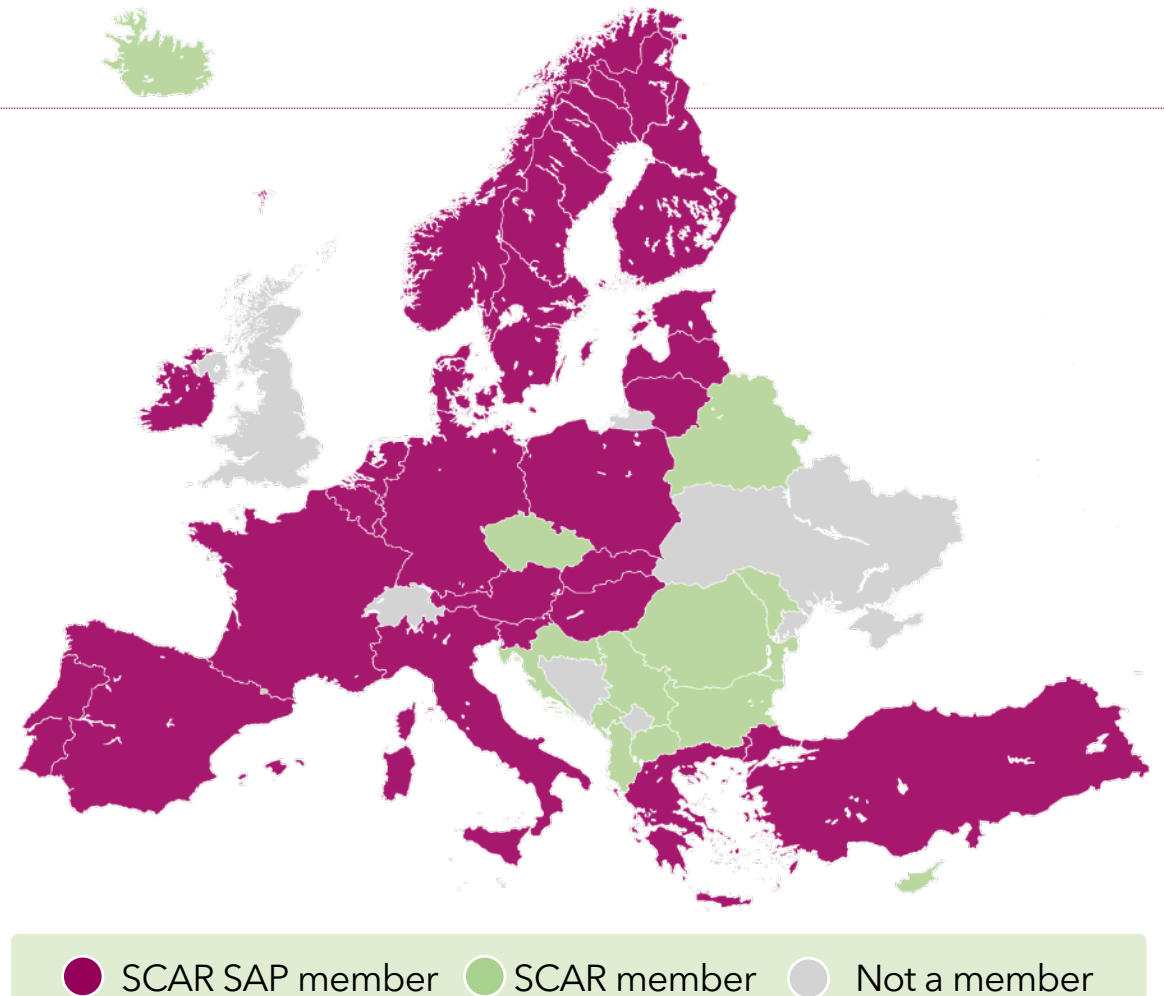
Susana Astiz

### Mandate period

30/06/2021 - 31/12/2022

### Members

- 24 countries + EC and key advisors



Overview members SCAR SAP - update March 2022

# Mission of the SCAR SAP

- ✦ Provide advice on the coordination of research and innovation for the development of more sustainable animal production systems in Europe to Member States, Associated Countries and to the European Commission.





# Objectives of the SCAR SAP

---

- **Facilitating** and stimulating collaboration and networking.
- **Building** an evidence-based shared perspective and common vision for the development of a more sustainable animal production in Europe.
- **Supporting** investment in research and innovation by translating identified challenges into operational instruments while avoiding overlaps with past and current, national and international initiatives, thus optimising resource investment.

# SCAR SAP: Planned activities

- Continue the content-related work of Cofund ERA-Net SusAn.
- Hold a stakeholder scenario workshop.
- Write a policy brief - input/advice for livestock activities/research under Horizon Europe.
- Ask the SCAR Plenary Meeting for a prolongation of the mandate.



# SCAR Foresight Group & SCAR Foresight Task Force

## Chair

Elke Saggau (DE)

**Members of the group** (DE, IT, DK, FR)

4 countries

**Mandate of the group**

permanent

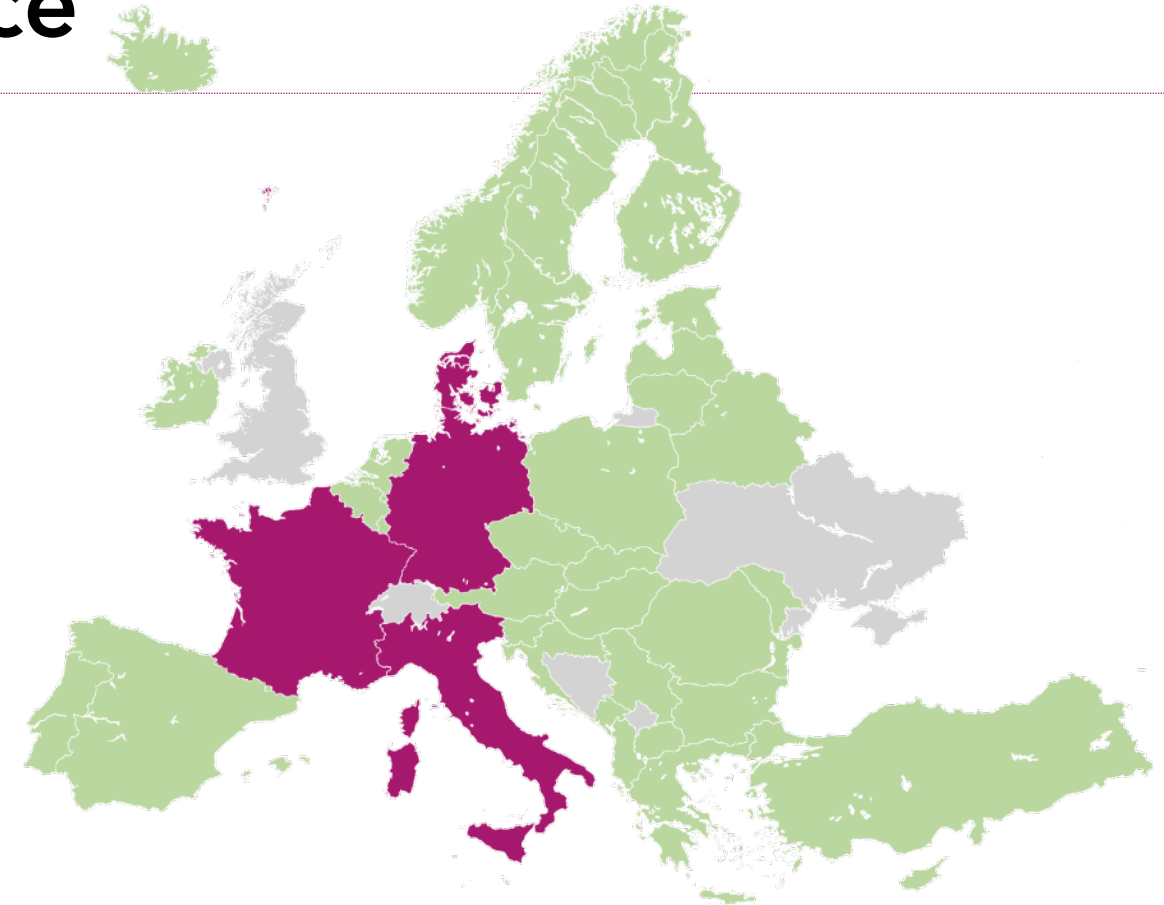
**Members of the task force** (DE, IT, DK,

FR, IE, BE, HU)

7 countries

**Mandate of the task force**

temporary during a foresight study



● SCAR Foresight member ● SCAR member ● Not a member

Overview members SCAR Foresight - update March 2022

# SCAR Foresight process: 5 studies in series

## ✦ Disseminating and implementing the SCAR Foresight results

- Focus on multiple levels
- Spread awareness
- Presentation of results and recommendations
- Write reflection paper and/or “declaration”

## ✦ Preparing the next SCAR Foresight study

- Brainstorm on a topic, with input from WGs and SCAR members
- Create guidelines
- Prepare Terms of Reference (ToR)
- Adoption of the ToR by the SCAR Plenary



# Foresight importance

---

- **Adapts** continuously to new challenges, takes up cross-cutting issues, feeds the strategic planning process of research policy making, provides “food for thought” and gives advice to political decision makers.
- **Highlights** weak signals as well as future opportunities to provide input for a more integrated research system for primary production and the broader agriculture, forestry, and bioeconomy in Europe.
- **Has resulted in a high number of joint activities between Member States**, such as the implementation of SCAR working groups, ERA-Nets and Joint Programming Initiatives with a wide scope.
- The Foresight process is a pillar of SCAR

# SCAR Foresight: Planned activities

---

- Disseminate the 5th SCAR Foresight results and recommendations
- Brainstorm towards 6th SCAR Foresight with input from WGs



# Thank you for your attention

---

[SCAR-EUROPE.ORG](http://SCAR-EUROPE.ORG)

More  
information

**SCAR**  
Standing Committee  
on Agricultural Research

