



POWER4BIO
REGIONS FOR
BIOECONOMY



BIOECONOMY INNOVATION WEEK | Lisbon | 04-03-2021

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FOR BOOSTING THE REGIONAL BIOECONOMY IN CEEC

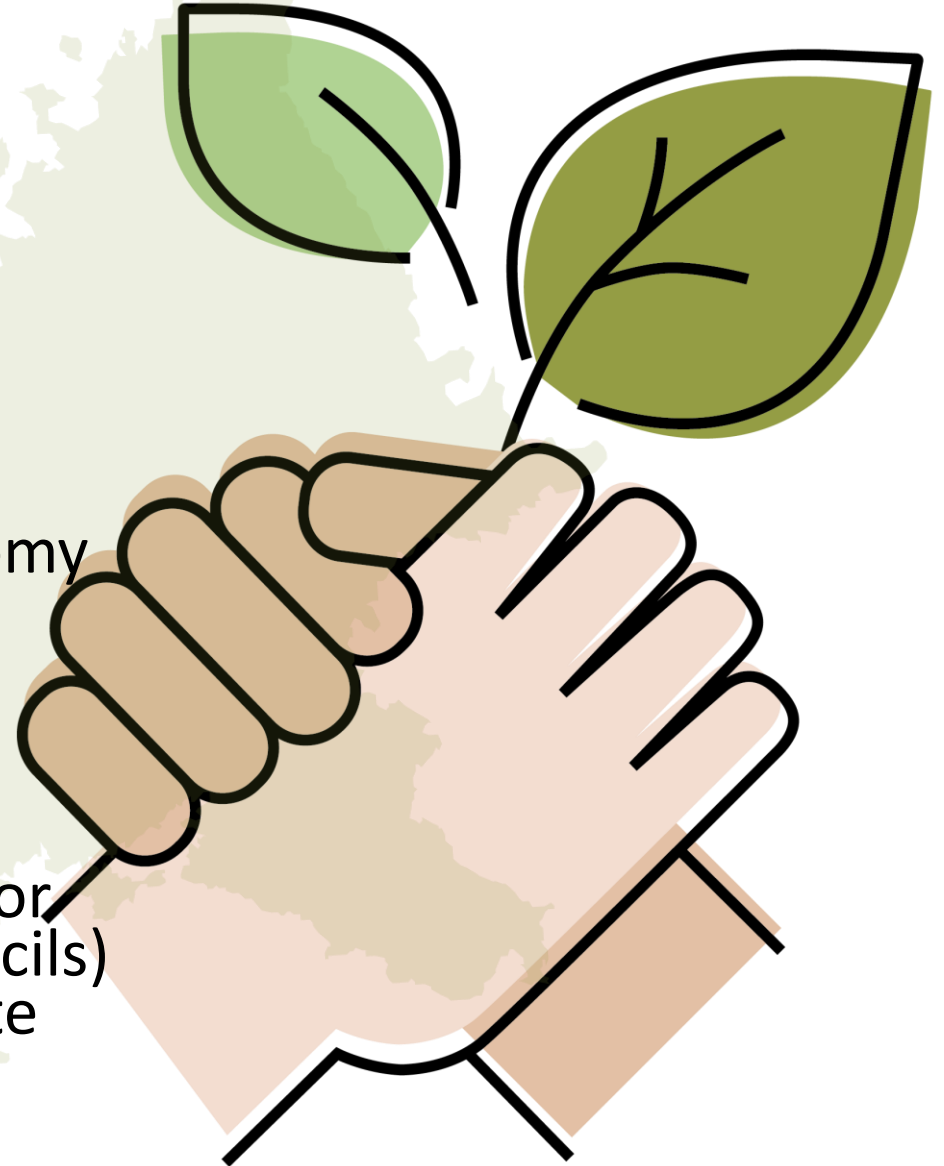
This project has received funding from the European Union's
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under grant agreement No 818351

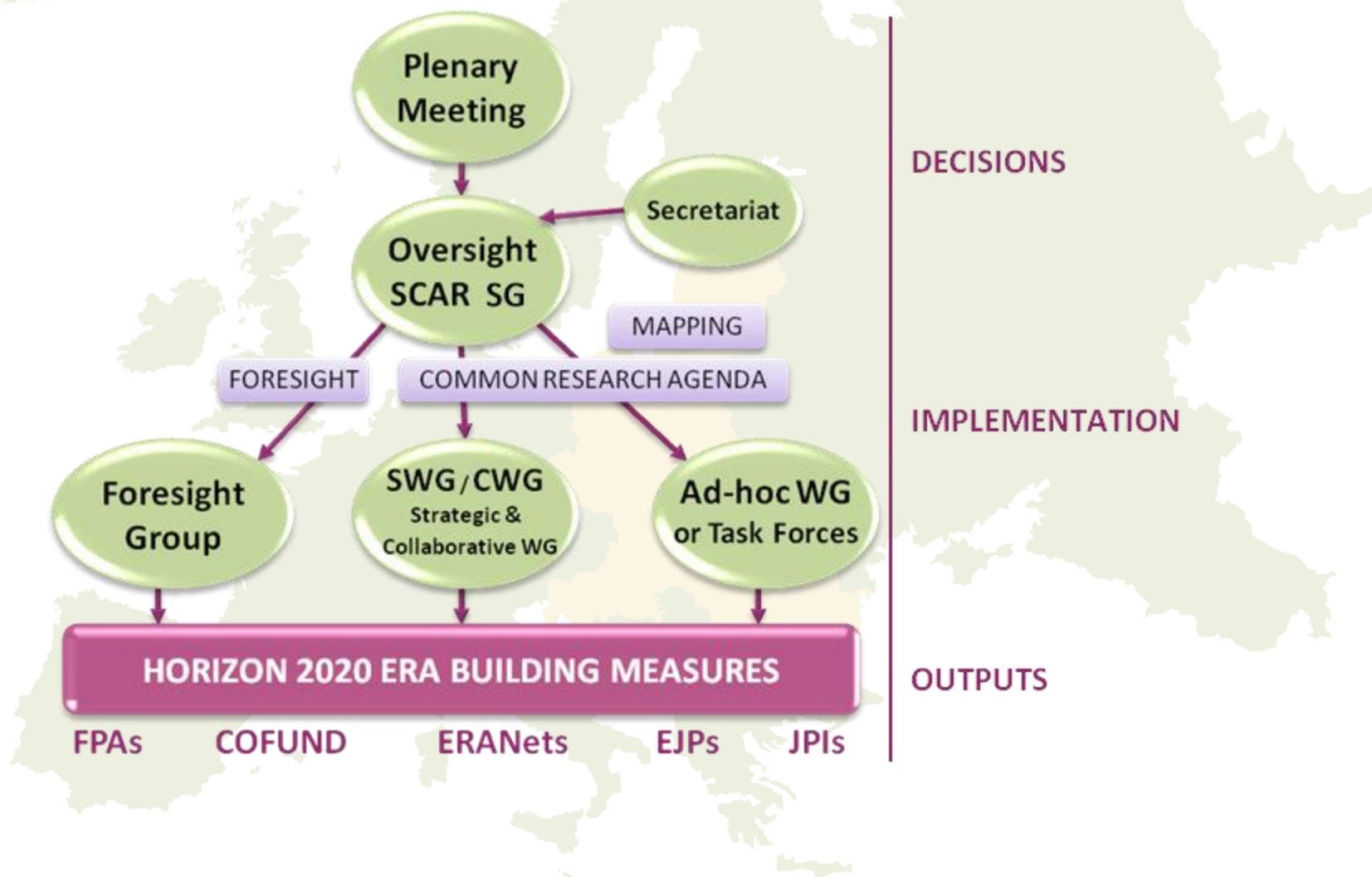


The Role of SCAR (in boosting the regional bioeconomies in the CEE countries)



- The Standing Committee on Agricultural Research (SCAR) was [established in 1974](#).
- Re-launched in 2005, SCAR has grown to become a respected source of advice on European agricultural and wider bioeconomy research
- Major catalyst for the coordination of national research programmes
- SCAR currently represents 37 different countries, the members being ministries (or other organisations such as research councils) from all EU Member States, with Candidate and Associated Countries as observers.





- **Plenary Meeting**

- The plenary meeting brings together delegates from all EU Member States, candidate Member States and states associated to the EU.
- This is the 'governing body', deciding on the creation of dedicated working groups and any other initiative proposed by the Commission and/or the SCAR Steering Group.
- Draft policy papers prepared by smaller working groups, are discussed in the Plenary which then decides on further actions.

- **Foresight Group**

- One of SCAR's main activities is horizon scanning through foresight studies.
- The 'Foresight Group' governs the execution of relevant studies.
- Activities may include review of other ongoing studies, scenario building, research prioritisation, etc.), to organize meetings (workshops, seminars, conferences) and to publicize outcomes.

SWG and CWG

- **Collaborative Working Groups (CWG)**
- SCAR Collaborative Working Groups have been an important SCAR instrument since 2005.
- These are fora where members wish to discuss matters of common interest in a specific research area, with a view to a possible multilateral collaboration between funders of research.
- This allows the building of trust, common ways of working, and the development of common research agendas. In the past, many of these CWGs have evolved into ERA-Nets.

- **Strategic Working Group (SWG)**
- In more recent years dedicated subgroups have been established to discuss strategic matters.
- Today these groups have focused on formulating research policy advice on issues such as the
- **SCAR Bioeconomy),**
- **(SCAR Fish),**
- **SCAR AKIS),**
- **SCAR Food Systems**
- **SCAR Forest) and**
- **SCAR ARCH).**



STANDING COMMITTEE ON AGRICULTURAL RESEARCH (SCAR)

Represents 37 different countries



SCAR AKIS

Agricultural Knowledge and Innovation
Systems



SCAR ARCH

European Agricultural Research
towards greater impact on global
Challenges

[MORE...](#)



BIOECONOMY

Sustainable Agriculture, Forestry and Fisheries in the Bioeconomy - A Challenge for Europe

[MORE...](#)



SCAR FISH

Fisheries and Aquaculture Research

[MORE...](#)



SCAR FOREST

Forestry Research and Innovation

[MORE...](#)



FOOD

Shared Infrastructures for European Agri-Food Research

[MORE...](#)



Animal Health & Welfare Research

Collaborative Working Group

[MORE...](#)



SUSTAINABLE ANIMAL PRODUCTION

Collaborative Working Group

[MORE...](#)



SCAR ▾

STRATEGIC WORKING GROUPS (SWGS) ▾

COLLABORATIVE WORKING GROUPS (CWGS) ▾

FORESIGHT ▾

ARCH



[redirect to website](#)

Documents

AKIS

Mission and aims

Documents

Reports of Meetings

Events

Team

Contact

BIOECONOMY



[redirect to website](#)

FISH

Mission and aims

Workpackages

Documents

Events

Team

Contact

Restricted Area

FOOD SYSTEMS

Mission and aims

Main actions

- › FOOD Systems Partnership
- › Mapping exercise
- › FOOD Systems Study
- › FOOD Systems Diversity

Deliverables

Events

Contact

Restricted Area

FOREST

Mission and aims

Organisation

Docs and Media

Events

Team

Contact

Restricted Area

The scope

The Standing Committee on Agricultural Research (SCAR) was [established in 1974](#). Since it was re-launched in 2005, SCAR has grown to become a respected source of advice on European agricultural and wider bioeconomy research, along with being a major catalyst for the coordination of national research programmes, where it has helped shape the beginnings of an integrated European Research Area. The Committee plays an important role in coupling research and innovation and in removing barriers to innovation, and aims to make it easier for public-public and public-private sectors

March 2021						
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13



SCAR ▾

STRATEGIC WORKING GROUPS (SWGS) ▾

COLLABORATIVE WORKING GROUPS (CWGS) ▾

FORESIGHT ▾



SUSTAINABLE ANIMAL PRODUCTION

Mission and aims

Workpackages

Documents

Events

Team

Contact

ANIMAL HEALTH & WELFARE RESEARCH



[redirect to website](#)

The scope and role of the "new" SCAR

The Standing Committee on Agricultural Research (SCAR) was [established in 1974](#). Since it was re-launched in 2005, SCAR has grown to become a respected source of advice on European agricultural and wider bioeconomy research, along with being a major catalyst for the coordination of national research programmes, where it has helped shape the beginnings of an integrated European Research Area. The Committee plays an important role in coupling research and innovation and in removing barriers to innovation, and aims to make it easier for public-public and public-private sectors

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‘European Strategies Documents’ <https://scar-europe.org/index.php/home-scar/documents/european-strategies-documents>





AKIS



ARCH



Bioeconomy



CASA



FISH



FOOD Systems



FOREST



Animal Health and Welfare
Research



Sustainable Animal
Production

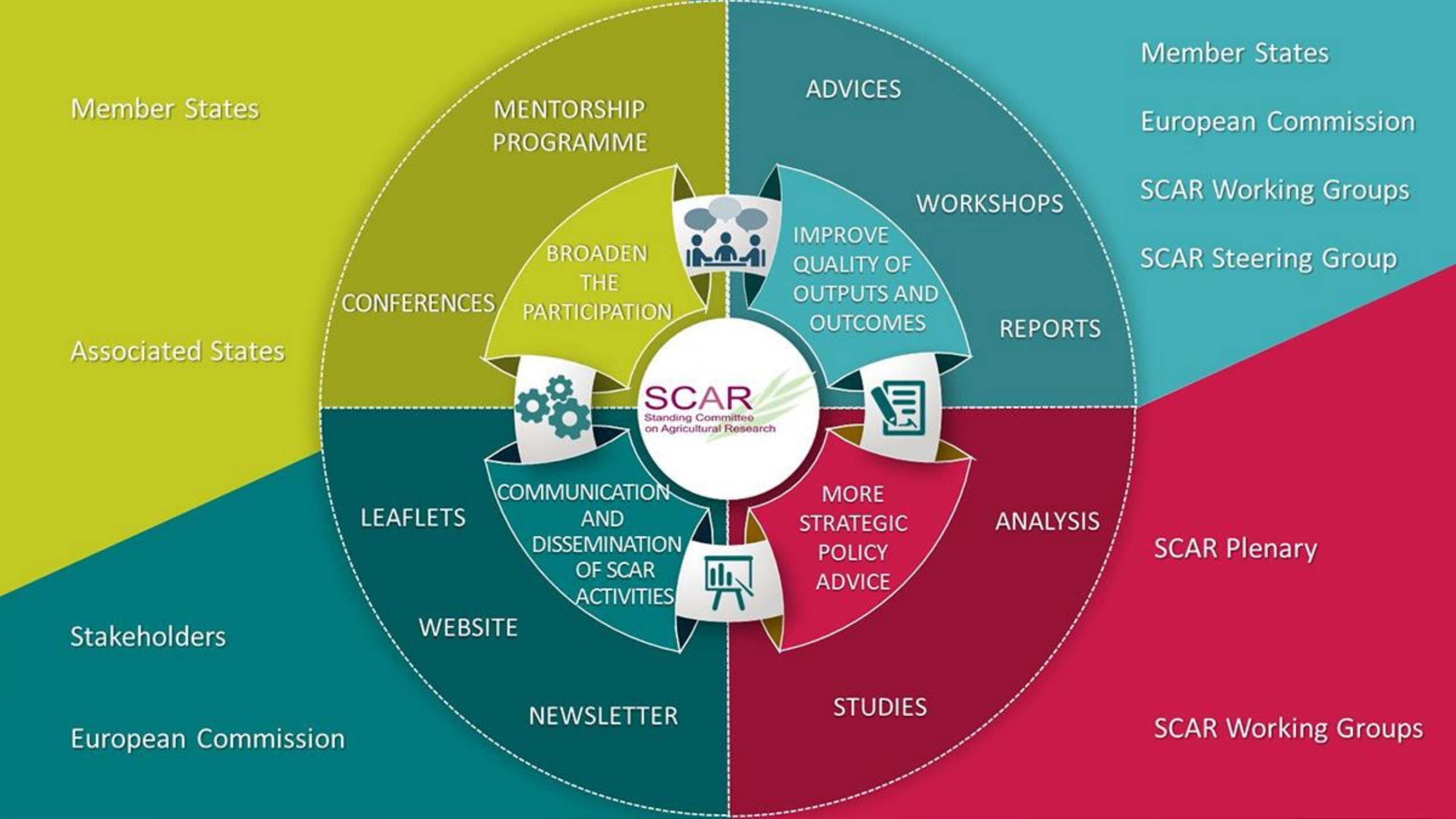
Documents

- › European Strategies Documents
- › Reports and outputs of studies funded through CASA
- › SCAR communication material
- › SCAR Templates

Events

- › National SCAR Events
- › Conferences

Contact





Newsletter
update me on latest news and events!

SUBSCRIBE NOW

SUBSCRIBE

LATEST:

on the 5th Foresight Exercise on
"Natural resources and food systems: Transitions towards
a 'safe and just' operating space"

The Mission of the Standing Committee on Agricultural Research (SCAR) incorporating
EU member states and associated countries:

Acknowledge that humanity is neither in a 'safe' nor 'just' operating space. Climate change
is accelerating, biodiversity is declining, land is disappearing and soil health and water quality
are deteriorating. Inequalities are rising. Risks to food security are increasing. It is urgent to
address these challenges through a holistic approach to food systems, taking into account all
dimensions, particularly among the most vulnerable groups, contributing to more inclusive
and resilient societies.

Consider that a drastic transformation of the way we produce and consume food and exploit
natural resources is necessary, as technological improvements are no longer sufficient. In the
near term, it is necessary to increase resilience to shocks and stresses, such as the COVID-19
pandemic.

Reinforce the experts' work on the 5th SCAR Foresight on "Natural resources and food
systems: transitions towards a 'safe and just' operating space", through the critical
experiences of the three transition pathways identified: sustainability and healthy diets for all.

Created on 12/02/2021

FINAL BERLIN DECLARATION -
DECEMBER 2020

Joint declaration of the SCAR
members on the 5th Foresight
Exercise on "Natural resources and
food systems: Transitions towards
a 'safe and just' operating space" ...

Read more

EU foresight expert group urges reform of food systems to drive COVID-19
recovery

The pandemic highlights the global problem of food insecurity. A new report prepared by an expert
group for the European Commission details how research and innovation can tackle the problem –
and 'build back better'.

Brussels, 18 January 2021 – At the time that gets underway, an expert group organised by the
European Commission urges action on one of the most vexatious problems highlighted by the COVID-19
pandemic: food insecurity in Europe and beyond.

The report details the complexity and urgency of the problems of food production and supply – and
calls for research and innovation to deliver changes in food systems across the globe.

Even before the pandemic, problems of price, quality, social inequality and carbon footprint in food
systems were acute.

- 8% of the world's population is undernourished, while an ever-increasing number of
people are obese.
- Food and agriculture are responsible for up to 30% of greenhouse gas emissions – despite
EU plans to reduce the European footprint.
- Around a third of the food produced for human consumption is lost or wasted – a waste of
resources and money.

Created on 15/01/2021

NEWS RELEASE - EU
FORESIGHT EXPERT GROUP
URGES REFORM OF...

NEWS RELEASE Embargoed to
18 January 2021 EU foresight
expert group urges reform of food
systems to drive COVID-19
recovery The pandemic highlights
the global problem of food inse...

Read more

Resilience and Transformation



How can research in food systems and natural
resources help speed Europe's recovery from the
pandemic, and 'build back better'?

Recovering from the COVID-19 pandemic will require major
changes – including in the way we produce and consume
our food. This has a direct effect on our health, our
economy and our quality of life. The 5th SCAR Foresight
Exercise Report, created by the European Commission
Standing Committee on Agricultural Research (SCAR), calls
for new research and innovation in food systems to
help Europe and the world – not only speed social and
economic recovery.

- New technologies matter.
- 8% of the world's population is undernourished, while an ever-increasing number of people
are obese.
- Food and agriculture are responsible for up to 30% of greenhouse gas emissions – despite EU plans to
reduce the European footprint.

Created on 17/12/2020

DOCUMENTS - 5TH SCAR
FORESIGHT CONFERENCE -
RESILIENCE AND
TRANSFORMATION...

5th SCAR Foresight Conference
RESILIENCE AND
TRANSFORMATION How EU
research in food systems and
natural resources can speed
Europe's recovery from the
pandemic, and 'build back
better'

Read more

EIP-AGRI workshop
'Towards carbon neutral
agriculture'

13 Apr 2021
EIP-AGRI seminar: Healthy
soils for Europe: sustainable
management through
knowledge and practice

08 May 2021
3rd Arctic Science
Ministerial

NEWSLETTER

Newsletter 5



SCAR
Standing Committee on Agricultural Research

NEWSLETTER 5

News from SCAR groups

SCAR members

The first meeting of the SCAR experts



February 2018

Plan d'action 2018-2020



A unique opportunity to reconnect
the **ECONOMY, SOCIETY**
and the **ENVIRONMENT**

National Bioeconomy Strategy
Summary

Sharing National Strategies for Bioeconomy



What we do

The Strategic Working Group

The Bioeconomy Strategic Working Group (BSW) is a thematic working group under the Standing Committee on Agricultural Research (SCAR). The SCAR was established in 1974 by a Regulation of the Council of the European Union. It is formed by representatives of the Member States, Candidate and Associated Countries. The SCAR has a mandate to advise the European Commission and the Member States on the coordination of agricultural research in Europe. In 2005, the SCAR was given a renewed mandate by the Council to play a major role in the coordination of agricultural research efforts across the European Research Area. The SCAR members currently represent 37 countries.

The BSW discusses how renewable bio-resources can be sustainably produced for the Bioeconomy. This is a matter of producing more renewable biological resources from fewer inputs (such as agricultural land area, water, fertilizer, use of machinery). But it is also about logistical questions, the biomass potential of different European regions, how much biomass is available and how much of that can be used. It is furthermore about how farmers can profit from the Bioeconomy and how they can get involved as stakeholders. Other questions the BSW addresses are how the implementation of the Bioeconomy strategy impacts upon agriculture, forestry, fisheries and aquacultures. How the Bioeconomy fosters new connections between well-established sectors and how this in turn might change these sectors and their sustainable and profitable operation in the future. The BSW also discusses more technical questions (such as those related to biorefineries) as well as strategic ones with respect to the relationship of the Bioeconomy policy to other policy areas (e.g., climate, water, food, forestry).

The BSW has developed a work plan on these different issues and will give strategic advice from the SCAR perspective on the Bioeconomy. It is currently on its second mandate.

SCAR Bioeconomy Strategic Working Group

Source: SCAR SG meeting, 22/10/2020, Alexandros Theodoridis

Workshop with MS on National Strategic Plans for CAP

Objective: Provide advice on the creation of NSPs for the reformed CAP Activity: Exchange best practices for the inclusion of Bioeconomy in the creation of NSPs during a workshop

Deliverables: Policy document with recommendations and best practice examples

Current status: 2 rounds of questionnaires with group to collect best practices, synthesis paper of first round circulated. Virtual workshop planned for end of Nov / early Dec with group members (and DG AGRI?; BBI SRG?) output: policy paper



SCAR Bioeconomy Strategic Working Group

Source: SCAR SG meeting, 22/10/2020, Alexandros Theodoridis

Indicators for monitoring of the Bioeconomy

Objective: Support the identification of indicators for BE monitoring adapted to the needs of MS

Activity: Support the JRC in the development of a set of indicators for Bioeconomy monitoring; collect suggestions and needs of MS through questionnaires and during workshop(s)

Deliverables: Technical note

Current status: Participation in JRC CoP workshop in June, input from MS and through the MontBioecostudy

JRC will refine this work in the next 2 years, new challenges for harmonisation of bioeconomy indicators at MS level may be proposed by BSW.



SCAR Bioeconomy Strategic Working Group

Source: SCAR SG meeting, 22/10/2020, Alexandros Theodoridis

Plans for 2021: collaboration with BBI / CBE SRG on at least one of the following topics:

- strategic actions for the implementation of the action plan of the EU Bioeconomy Strategy
- strategic actions for Bioeconomy in the frame of the EGD
- stronger involvement of primary producers in the Bioeconomy
- input for the mapping of national activities



European Strategies for the Bioeconomy

- Articulated and common policies;
- Sharing experiences and knowledge
- Science and Innovation is key
- Engagement of all stakeholders:
 - Industries from all sectors,
 - Consumer choices;
 - Global, local, SMEs, Micro/Micro-Enterprise

Thank you for your attention!



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