

## D2.9 Report on linkages

**Task 2.4**

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The overall objective of CASA, a Coordination and Support Action (CSA), is a **consolidated common agricultural and wider bioeconomy research agenda** within the European Research Area.

CASA will achieve this by bringing the Standing Committee on Agricultural Research (SCAR), which has already contributed significantly to this objective in the past, to the next level of performance as a research policy think tank. CASA will efficiently strengthen the strengths and compensate for the insufficiencies of SCAR and thus help it evolve further into “SCAR plus”.

# SCAR Workshop: Strengthening linkages between SCAR Groups and Directorates-General of the European Commission and international organisations

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## List of abbreviations

AMR	Antimicrobial Resistance
CAP	Common Agricultural Policy
CASA	Common Agricultural and wider bioeconomy reSearch Agenda
COST	European Cooperation in Science and Technology
CWG	Collaborative Working Group
CWG AHW	Collaborative Working Group European Animal Health and Welfare Research
CWG-SAP	Collaborative Working Group on Sustainable Animal Production
CSA	Coordination and Support Action
DG	Directorate-General
DG AGRI	DG for Agriculture and Rural Development
DG ENV	DG for Environment
DG GROW	DG for Internal Market, Industry, Entrepreneurship and SMEs
DG RTD	DG for Research and Innovation
DG SANTE	DG for Health and Food Safety
DISCONTTOOLS	DISease CONtrol TOOLS
EC	European Commission
EIP	European Innovation Partnerships
EU	European Union
ERA	European Research Area
ERA-GAS	ERA-NET Cofund for monitoring & mitigation of Greenhouse gases from agri- and silvi-culture
FACCE	Agriculture, Food Security & Climate Change
FAO	Food and Agriculture Organisation of the United Nations
ICT AGRI	ICT and robotics for sustainable agriculture
IFOAM	International Federation of Organic Agriculture Movements
HDHL	A healthy diet for a healthy life
ICES	International Council for the Exploration of the Sea
JPI	Joint Programming Initiative
OECD	Organisation for Economic Co-operation and Development
R&I	Research and Innovation
SCAR	Standing Committee on Agricultural Research
SWG	Strategic Working Group
SWG AKIS	Strategic Working Group on Knowledge and innovation Systems
SWG ARCH	Strategic Working Group in European Agricultural Research towards greater impact on global challenges
SWG FISH	Strategic Working Group on Fisheries and Aquaculture Research
SCAR FOREST	Strategic Working Group on Forests and Forestry Research and Innovation
STAR-IDAZ IRC	STAR-IDAZ International Research Consortium (IRC)
UN	United Nations
WG	Working Group (of SCAR)

## Aim, summary and recommendations

As a Coordination and Support Action (CSA), the CASA project aims to support coordination and linkages between SCAR Groups and between the Groups and DGs and international organisations and, thereby, strengthen linkages between the various organisations in areas of common interest. Set ups with face to face meetings e.g. in workshops not only provide immediate linkages among actors, but also form the basis for long term cooperation based on knowledge of each others action areas.

With this aim, under CASA project Workpackage 2 Task 2.4, a SCAR Workshop “Strengthening linkages between SCAR Groups and Directorates-General of the European Commission and international organisations” was held on 8<sup>th</sup> April 2019 in Brussels in cooperation with Task 3.4. In the workshop, the SCAR history, development and organization and the objectives, core activities and outcomes of the work in the SCAR groups of relevance for the Directorates-General (DGs) and international organisations were presented by SCAR members and SCAR Group members. Additionally, the EC Bioeconomy Knowledge Centre was presented. The target group was officers in the DGs and international organisations. Officers from DG RTD, DG AGRI, DG ENV, DG GROW, and DG SANTE and the international organisations FAO Liaison Office Brussels, International Council for the Exploration of the Sea (ICES), and OECD attended the workshop.

The workshop presentations demonstrated SCAR as a think tank within agricultural, forestry and fishery research and research related to the wider bioeconomy. Active participation in the discussions and the subsequent network event created linkages between the participating actors as a basis for improved cooperation, coordination and synergies in areas of common interest within agricultural, forestry and fishery research and research related to the wider bioeconomy. The workshop participants can be ambassadors for establishment of new linkages and consolidation of already existing linkages between the organisations. Future dissemination activities about SCAR and its working groups (WGs) can take advantage of the WG flyers and roll ups for information of officers in DGs and international organisations (<https://scar-europe.org/index.php/home-scar/documents/scar-communication-material>).

In summary the following observations/recommendations should be considered:

- DGs other than DG AGRI and DG RTD, and international organisations are less aware of SCAR and SCAR Groups’ work and outputs;
- Networking activities organised on a regular basis will strengthen linkages between SCAR Groups and different DGs and international organisations for which the work of SCAR is relevant;

- Information material presenting activities and outputs of SCAR and its Groups distributed at EC events organised by different DGs and at meetings of international organisations will raise awareness of SCAR for improved cooperation with organisations dealing with subjects relevant to SCAR. Similarly, attention of SCAR and SCAR Group members to relevant work in DGs and international organisations will form the basis for strengthening cooperation;
- Representatives of international organisations such as FAO, OECD, and ICES and DGs, besides DG AGRI and DG RTD, will benefit from attending meetings and other activities related to SCAR and SCAR Groups

Further recommendations based on interviews with SCAR WG chairs and cochairs at the Workshop 8<sup>th</sup> April 2019 are listed in CASA Task 3.4 D3.5 “List of proposals for better alignment in SCAR to foster impact”.

The present report gives a summary of the presentations at the workshop as basis for improved knowledge about the objectives, core activities and outcome of SCAR Groups for increased linkages within SCAR Groups and between SCAR groups, DGs and international organisations.

## Aim of SCAR Workshop

The overall aim of the workshop was to inform Directorates-General (DGs) of the European Commission and international organisations about the European Commission’s Standing Committee on Agricultural Research (SCAR) as a source of strategic advice on agricultural, forestry and fishery research and research related to the wider bioeconomy, including sustainable biomass production and use, and food and nutrition security. SCAR, SCAR’s Foresight Group and SCAR Working Groups were presented. In addition, the EC Bioeconomy Knowledge Centre was introduced. SCAR is member state driven and the SCAR Plenary and SCAR Steering Group provide a forum for discussion of the strategic direction and development of European research and innovation policy. The SCAR Plenary decides on the scope of work of SCAR, adjusts it to new challenges, and maintains an overarching view, which enables prioritisation of different themes.

Foresight Exercises represent one of the pillars of SCAR activities. The SCAR Foresight Group proposes Foresight Exercises to the plenary and manages the execution of relevant studies. The SCAR Strategic Working Groups (SWGs) formulate research and innovation policy advice on issues of priority within the broader bioeconomy such as agricultural knowledge and innovation systems (AKIS), a greater impact of European Agricultural Research on global challenges (ARCH), sustainable production of bio-

resources (Bioeconomy), Food Systems (Food Systems), fisheries and aquaculture (Fish) and forests and forestry research and innovation (Forest). The SCAR Collaborative Working Groups (CWGs) address matters of common interest in a specific research area, such as animal health and welfare (Animal Health and Welfare) and sustainable animal production (Sustainable Animal Production).

In the presentations, focus was on objectives, core activities and outcomes of the work in the SCAR groups of relevance for the DGs and international organisations. The workshop aimed at improving linkages between SCAR groups and DGs and international organisations through knowledge transfer and networking.

The Workshop Programme is shown in Appendix 1. Information of the organisation of the workshop is given in Appendix 2.

## **SCAR Workshop**

### **Welcome and introduction**

SCAR Secretary Liutauras Guobys welcomed the participants from SCAR Groups, DGs and international organisations. He emphasized that solving great challenges like climate change and biodiversity loss need new ways of producing, consuming and using biological resources. This can be achieved through coordination between actors in the wider bioeconomy and agricultural research. SCAR acts as a think tank and enhances cooperation between member states within the wider bioeconomy. Active participation with fruitful discussions on synergies and common interest and establishment of linkages for increased cooperation will make the workshop successful. Liutauras Guobys pointed out: “It is timely and critical to link different actors”.

### **Presentation of SCAR history, development and organization**

Mike Collins informed that SCAR was established in 1974 with an advisory function to the Commission on coordination of research in agriculture. In 2005, SCAR moved from DG AGRI to DG RTD and its mandate was revised to also include the wider bioeconomy. The Steering Group and the Foresight and Collaborative Working Group mechanism were established and SCAR was supportive in the development of the Joint Programming Initiatives (JPIs) FACCE and HDHL as well as Agricultural European Innovation Partnership (EIP-AGRI). SCAR is a committee representing 37 countries with representatives from EU member states and observers from candidate and associated countries. It provides advice on European agricultural research and research related to the wider bioeconomy, supports coordination of national research programmes and helps in shaping the European Research Area.



SCAR Steering Group member, Mike Collins, outlined SCAR's history



Elke Saggau, chair of the SCAR Foresight Group, presented the group and the

## SCAR Foresight Group

The SCAR Foresight Group and the Foresight Exercises were presented by Elke Saggau. A Foresight is an instrument for strategic planning and public policy building and an important pillar in SCAR activities. The SCAR Foresight process adapts to new challenges continuously, 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 in the member states and Commission. SCAR has supported the elaboration of four Foresights. The 1<sup>st</sup> Foresight launched in 2007 deals with climate change and energy. The 2<sup>nd</sup> Foresight from 2009 treats resilience and food crises. The 3<sup>rd</sup> Foresight from 2011 focus on resource scarcities and the 4<sup>th</sup> Foresight launched in 2015 addresses a sustainable bioeconomy. A 5<sup>th</sup> SCAR Foresight Exercise has been launched entitled “Natural Resources and Food Systems – Transition towards a “safe and just” operating space”. The 5<sup>th</sup> Foresight is based on the new international agreements - the COP21 Paris Climate Agreement and the UN Sustainable Development Goals. Key questions relate to needed key systemic transitions, enablers and lock-ins, cost of transitions, R&I needed to contribute to transitions and initiatives to break the silos and build bridges. Six topics were identified by the 5<sup>th</sup> SCAR Foresight Experts Group: 1. Chemicals in the bioeconomy; 2. Resilience of socio-ecological systems; 3. Social practices related to food; 4. Food technologies; 5. Finance and corporate strategies; 6. Life science in the bioeconomy. The final report will be delivered to SCAR Plenary in June 2020.

## SWG SCAR AKIS

Anikó Juhász explained the Agricultural Knowledge and Innovation System (AKIS) as an interactive multi-actor system. Innovation is a social process, with more bottom-up or interactive processes than top-down from science to implementation. Actors in AKIS are farmers, advisors, researchers, teachers in education and training, input suppliers, retailers,



media, services and officers in ministries. They all contribute and work together to generate knowledge and provide advice to solve farmers' problems. AKIS takes several forms in the EU in terms of both integration and strength. SWG SCAR-AKIS is a think tank for R&I policy since 2010. The SWG SCAR-AKIS has under four mandates produced a foresight paper "AKIS Towards the future", an orientation paper on linking knowledge and research "AKIS Towards 2020", a reflection paper "AKIS In Transition", and two policy briefs "The Future of Advisory Systems" and "New Approaches on Agricultural Education Systems", respectively, and a joint policy brief with SWG Food Systems and ARCH "Programming Research and Innovation for Improved Impact". The SWG AKIS' 5<sup>th</sup> Mandate will be from 2019-2020. The most important challenge will be strategic planning of the CAP post 2020. Furthermore, the EIP-AGRI, farm advice, education and digitisation of knowledge flows will be in focus. Overall recommendations from SWG SCAR-AKIS deal also with good education practices thus developing better connections between researchers and teachers, bridging the gap between agricultural research and farm advice, developing stronger linkages among academia and advisory services, building advisors' capacity and involvement of students through gamification.



Anikó Juhász gave an introduction to SWG SCAR-AKIS and their work



Siegfried Harrer informed about SCAR SWG ARCH

## SCAR SWG ARCH

Siegfried Harrer reported in his presentation that ARCH was established in 2013 in order to improve linkages between agricultural research and agricultural research for development aiming at identifying and working towards ways to increase the contribution of European agricultural research investments to the solution of global challenges. Under a renewed mandate, ARCH focuses on the contribution of European agricultural research and innovation institutions, public and private, addressing global challenges such as food and nutrition security, climate change mitigation and adaptation, as well as the Sustainable Development Goals (SDGs). ARCH has a horizontal approach with activities conducted jointly with other SCAR groups such as SCAR-AKIS, Bioeconomy, Fish, Food Systems, Forest and Animal

Health and Welfare. Outcomes are events related to EC conferences, workshops, studies and policy briefs. A new mandate may support the group's continuation or merger with other SCAR groups.

## **SCAR SWG Bioeconomy**

The SWG Bioeconomy provides a platform for member states and associated countries for discussion of bioeconomy policies and strategies. Dries Maes informed about discussions in the group on how renewable bioresources can be sustainably produced and how implementation of the Bioeconomy Strategy affects the agriculture, forestry, fishery and aquaculture sectors and their relationship. Technical questions are discussed as well. Revision of the Bioeconomy Strategy, synergy between the bioeconomy and the circular economy and the relationship between the bioeconomy and the CAP are key points. A revised Bioeconomy Strategy focusing on a sustainable production and use of biomass, the regional dimension, and the contribution of the bioeconomy in combating and adapting to climate change is presented in a policy brief. A technical note deals with the overlap between the bioeconomy and circular bioeconomy. Workshops are held and a bioeconomy monitoring study performed. Currently, a Strategic Knowledge and Innovation Agenda is under preparation. A discussion of steps after the end of the mandate is ongoing.

**Discussion:** In the discussion, a question was raised whether food production is a part of the bioeconomy. Food production is in principle a part of the bioeconomy but the debate on food versus bioeconomy is pending. In SCAR, SWG Food Systems primarily covers food and there is less focus on food in the SWG Bioeconomy. In the discussion, there was referred to the 4<sup>th</sup> Foresight which addresses the bioeconomy and the issue of Food First. Industry's awareness of biomass amount and geographical distribution in Europe was posed as a question. Collaboration is assumed to be on a topical basis with no European network.



The SCAR SWG Bioeconomy and their work with bioeconomy policies and strategies was presented by Dries Maes



Marios Avraamides, the EC Joint Research Centre introduced the Knowledge Centre for Bioeconomy

## **Presentation of the EC Bioeconomy Knowledge Centre**

Marios Avraamides presented the Europeans Commission's Knowledge Centre for

Bioeconomy. Overall, there are six EC Knowledge Centres. The Knowledge Centre for Bioeconomy enhances the knowledge base on the bioeconomy. The Centre identifies and filters relevant information within the bioeconomy, brings together and enables discussion among researchers, policymakers and other experts in the field, analyses the information and synthesises and communicates available evidence to support EU policies. Examples of research activities at the Bioeconomy Knowledge Centre are mapping of relevant policy developments in different countries, mapping and assessment of ecosystems and their services, mapping of biomass flows in the EU across sectors, mapping of crop residues production, mapping of forest available for wood supply, mapping of food waste generated along the food supply chain, mapping of biorefineries distribution in the EU, mapping of economic and social dimensions of the bioeconomy, and building of a bioeconomy monitoring system for the EU.

**Discussion:** A follow-up question was posed on the procedure of selecting information. The Knowledge Centre applies two steps. In the first step, an automatic tool is used that provides the most relevant new publications. In the second step the quality is checked by experts. To a question of how monitoring on subsidies is guaranteed, the reply was that indicators are being developed. One comment was that crop residues output is well known in Europe followed by a question of which part can be used for the bioeconomy so that soil fertility is maintained. The available maps show the output only but the figures can be used for calculation of what needs to stay for keeping soil fertility. It was mentioned that European Joint Programming Soil can provide information on soil fertility and soil organic matter. A question was posed about the role of the animal productions in the bioeconomy. The focus is limited but an area to be considered is the competition between the animal and bio-refinery production. A question about cooperation between the Knowledge Centre and the SWG Bioeconomy was answered affirmative. There is a valuable knowledge exchange and a member of the SWG Bioeconomy is from the Knowledge Centre. Actually, many SCAR Groups are relevant for the Knowledge Centre in agreement with aim of the workshop on strengthening linkages between SCAR groups and the DGs and international organisations.

## **SCAR SWG Food Systems**

Food Systems, presented by Anastasiya Terzieva, was established with the aim of contributing to a better food and nutrition security R&I policy coherence as well as food and nutrition R&I strategic orientation. Activities include mapping of relevant national and regional R&I initiatives and programme funding. The results show limited attention to food and nutrition security and food innovation and nutrition linked to health and a fragmented R&I investment in food systems. A monitoring of food systems is being performed to understand the food

systems complexities and challenges and activities are ongoing to provide policy recommendations on the role of diversity in food systems and the way to promote it at national, regional and European level. Joint workshops have been held in cooperation with other SWGs and Joint Programming Initiatives. Likewise, diversifying of food systems is dealt with in a workshop. A mapping report, a study, a position paper, policy briefs and recommendations have been produced. Overall, SWG Food Systems provide strategic input and coordination of R&I related to food systems.



Anastasiya Terzieva informed about the SCAR SWG Food Systems and their work

## **SCAR SWG Fish**

Rosanne Metaal explained that SCAR Fish besides fish also deals with fishery, fishing gear, freshwater and saltwater culture, shellfish and algae. The overall objective is to contribute to define EU research priorities. Among core-activities are identification of potential gaps and discussion of cross cutting themes. A study of welfare of farmed fish is performed with focus on definition of welfare indicators and vaccination. Seven intervention areas are discussed directed at Horizon Europe. These are environmental observations, biodiversity and natural capital, agriculture, forestry and rural areas, sea and oceans, food systems, bio-based innovation systems and circular systems. A long-term vision has been developed with a focus on a safe, clean, healthy, and ecologically diverse North Sea that contributes to the countries' economic and social needs and at the same time respect food and feed, nature and energy. Research questions deal with mapping of mussels/oyster beds using remote sensing.



**Discussion:** In the discussion, it was pointed out that fish and food systems are globally interlinked. SWG Fish collaborates with the Joint Programming Initiative Ocean and include by that the global level. In agriculture, a larger focus on sustainability is experienced. A question on the situation in the marine area was answered negatively. So far sustainability is not high on the agenda.



Rosanne Metaal familiarized the workshop participants about SCAR SWG



Jean-Luc Peyron presented the work of the SCAR SWG Forest

## SCAR SWG Forest

An important objective for SCAR Forest is to promote and strengthen transnational research and cooperation. Jean-Luc Peyron informed about several SCAR Forest activities. A study on forest bioeconomy research and innovation showed that although research capacities increase the area is still fragmented but also that interest has changed from traditional fields to bioenergy, bio-refinery, final wood product and sustainability assessment. A study on forest-related ERA-Nets and COST actions has pointed at future areas and topics for joint programming and alignment of research activities. Climate change and forests was dealt with in a Workshop and a reflection paper on new horizons for research and innovation was produced. A position paper on research and innovation needs for future forests and forest-based sectors in Europe with topic proposal for Horizon Europe is being prepared. Another workshop on international cooperation in research and innovation for the future European forest-based sector was held and based on this a report and policy brief on global cooperation in forest research and innovation is drawn up. Digitalisation and automation in the forest-based sector is examined as well. SCAR Forest considers the upcoming 5<sup>th</sup> Foresight as very relevant for the forest sector.

**Discussion:** Agroforestry linking forest and agriculture was discussed. From the forest side, it is considered rather to be an initiative from the agricultural side. Planting trees on agricultural land is more straightforward than vice versa. The discussion also focused on the need for

training in view of a digitalisation process. It was considered that SWG AKIS should pay larger attention to the forest sector. Forests are primarily private but there should in any case be a focus on technical developments and education. Urban forests are tool for social consciousness regarding the forest sector. The future for a potential new forest strategy based on industrial initiatives was also discussed as was the EIP-AGRI initiatives in relation to the forest sector.

### **SCAR CWG Animal Health and Welfare**

Dominique Vandekerchove presented CWG Animal Health and Welfare, which works for an improved collaboration on research prioritisation to deliver research directed at animal health and welfare meeting the needs of e.g. policy makers and the European livestock industry. CWG Animal Health and Welfare focuses on emerging and major infectious diseases, production diseases and welfare of production animals. Fish and bees as well as conditions posing a threat to human health are included in the work. Activities include regular meetings, support to STAR-IDAZ IRC and maintenance of DISCONTTOOLS and interaction with industry and sector groups. Animal welfare research needs and prioritisation are outlined in a report and an update of the Strategic Research Agenda on animal health is provided based on a CASA study. An ERANET proposal ICRAD: INTERNATIONAL COORDINATION OF RESearch ON INFECTIONOUS ANIMAL DISEASES is submitted. An additional CASA study updates a previous foresight study. It points at research needs on specific diseases such as avian influenza, bee diseases, African swine fever, bovine tuberculosis and bluetongue but also on topics within structural and political levels (e.g. One Health), technology needs (e.g. vaccine developments) as well as more specific research questions (AMR, wildlife, epidemiology, vector-borne diseases).

**Discussion:** It was noticed that the focus on the presentation was on animal health. However, CWG Sustainable Animal Production has a similar important focus on animal welfare.

### **SCAR CWG Sustainable Animal Production**

Bernhard Polten stated that CWG Sustainable Animal Production is primarily member state driven with the main objective to advise member states, associates countries and the EC on the coordination of research and innovation for the development of more sustainable animal production systems. CWG Sustainable Animal Production meets regularly often with participation of guest speakers. The group has launched two successful research calls, one of them in cooperation with FACCE ERA-GAS and ICT-AGRI. Other outputs are country reports. Associated with a new mandate from 2019-2021, CWG Sustainable Animal Production will facilitate collaboration in the sector, build an evidence-based shared perspective and common vision for the development of a more sustainable animal production in Europe and support investment in research and innovation. CWG Sustainable Animal

Production will act as a think tank and endorse systems thinking based on the three pillars of sustainability – economy, environment and society. All relevant farm animal species will be taken into account. The outcome of a CASA study that shall identify the main drivers of change in the livestock production sector will support the future work in the group and the elaboration of a reflection paper. CWG Sustainable Animal Production will provide recommendations for research under Horizon Europe and input for the 5<sup>th</sup> SCAR Foresight exercise.

**Discussion:** In the discussion, it was pointed out that CWG Sustainable Animal Production balances the three pillars of sustainability – economical, environmental and social aspects. Should CWG Sustainable Animal Production rather focus on “a safe and just operating space” as introduced by the Foresight Group? The suggestion was welcomed but at the same time it needs to be considered that the politicians make the politics and set the framework and at the time being they are working with the three pillars.



The SCAR CWG Sustainable Animal Production and its work was described by Bernhard Polten.



Marc Duponcel, DG AGRI, concluded on the outcome of the workshop and the take-away points.

## Closing remarks

Marc Duponcel closed the meeting. He emphasized the importance of SCAR and used the opportunity to thank the member states for their great effort in several committees and working groups. Being member state driven, SCAR has a special role. SCAR has supported the establishment of an impressive number of ERANETs and has come up with new instruments to boost innovation e.g. EIP-AGRI. Challenges facing us are huge and we should speed up transitions while balancing profitability and sustainability. However, with strong linkages and advice it will be possible to shape a future. For this, the role of SCAR is and will still be important in the future. Cooperation is needed on priorities and to create synergies as is done today. Finally, Marc Duponcel emphasized the importance of SCAR for CAP with SCAR's focus on agricultural knowledge and innovation.

## Appendix 1

### Programme for the Workshop



## SCAR Workshop

Strengthening linkages between SCAR Groups  
and Directorates-General of the European Commission and  
international organisations

**8<sup>th</sup> April 2019, 13:00-18:00**

Liaison Agency Flanders-Europe, Avenue de Cortenbergh 71, 1000  
Brussels, Belgium

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#### Aim of the workshop

The overall aim of the workshop is to inform Directorates-General of the European Commission and international organisations about the European Commission's Standing Committee on Agricultural Research (SCAR) as a source of strategic advice on agricultural, forestry and fishery research and research related to the wider bio-economy, including sustainable biomass production and use, biorefineries, food and nutrition security. Focus will be on objectives, core activities and outcomes of the work in SCAR groups of relevance for the Directorates-General of the European Commission and international organisations.

The workshop will allow for discussions, exchange of knowledge and experiences between SCAR groups and Directorates-General of the European Commission and international organisations, with possibilities for interactions among participants for improved synergy within areas of common interest.



12:00	<b>Registration and a light lunch</b>
13:00	<b>1. Welcome and introduction</b>  <i>Liutauras Guobys, SCAR Secretary (Policy Officer, Bioeconomy Directorate, DG RTD, European Commission)</i>
13:05	<b>2. Presentation of SCAR history, development and organisation</b>  <i>Mike Collins, SCAR Steering Group Member (Head of the Research Partnerships Team, Department for Environment, Food and Rural Affairs (Defra), United Kingdom)</i>
13:25	<b>3. Presentation of SCAR Foresight Group and Strategic Working Groups (SWGs)</b>  <b>3.1. SCAR Foresight Group</b> <i>Elke Saggau, Chair (Head of Unit European Research Affairs, Federal Agency for Agriculture and Food (BLE), Germany)</i>  <b>3.2. SCAR SWG AKIS: Agriculture Knowledge and Innovation Systems</b> <i>Anikó Juhász, Co-Chair (Deputy State Secretary, Ministry of Agriculture, Hungary)</i>  <b>3.3. SCAR SWG ARCH: European Agricultural Research towards greater impact on global CHallenges</b> <i>Siegfried Harrer, Co-Chair (Head of Division International Cooperation and Global Food Security, Federal Agency for Agriculture and Food (BLE), Germany)</i>  <b>3.4. SCAR SWG BIOECONOMY</b> <i>Dries Maes, Member (Policy adviser at the Department Economics, Science and Innovation at Flemish Government)</i>
14:40	<b>4. Presentation of the EC Bioeconomy Knowledge Centre</b>  <i>Marios Avraamides, Unit Bioeconomy, Joint Research Centre, Directorate D – Sustainable Resources</i>
14:55	Coffee

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15:25	<p><b>5. Presentation of Strategic Working Groups (SWGs) and Collaborative Working Groups (CWGs)</b></p> <p><b>5.1. SCAR SWG FOODSYSTEMS</b> <i>Anastasiya Terzieva, Coordinator (Researcher, French National Institute for Agricultural Research (INRA), France)</i></p> <p><b>5.2. SCAR SWG FISH</b> <i>Rosanne Metaal, Vice-Chair (Senior Policy Advisor, Department of Information &amp; Innovation Policy in Agriculture and Nature, Ministry of Agriculture, Nature and Food Quality, The Netherlands)</i></p> <p><b>5.3. SCAR SWG FOREST</b> <i>Jean-Luc Peyron, Chair (Director, GIP ECOFOR, France)</i></p> <p><b>5.4. SCAR CWG ANIMAL HEALTH AND WELFARE</b> <i>Dominique Vandekerchove, Co-Chair (Head of Unit Contractual Research, Directorate General Animals, Plants and Foodstuffs, Federal Public Service Health, Food Chain Safety and Environment, Belgium)</i></p> <p><b>5.5. SCAR CWG SUSTAINABLE ANIMAL PRODUCTION</b> <i>Bernard Polten, Chair (Head of Department of Animal and Technology, Federal Ministry of Food and Agriculture (BMEL), Germany)</i></p>
17:00	<p><b>6. Closure</b></p> <p><i>Marc Duponcel, Head of sector Research, Research and Innovation Unit, DG AGRI, European Commission</i></p>
17:05	<p><b>Networking and snacks</b></p>

## Background

The Standing Committee on Agricultural Research (SCAR) was established in 1974 through a Regulation of the Council of the European Union. SCAR provides strategic advice on and coordination of European agricultural and wider bio-economy research for European Commission, EU Member States, Candidate Member States and Associated Countries, as well as enhances cooperation and information exchange. Members of SCAR - representatives from 37 countries – are from ministries or other organisations such as research councils.

The SCAR Working Groups formulate research and innovation policy advice on issues of priority within the broader bio-economy, such as fisheries and aquaculture (SCAR FISH), agricultural knowledge and innovation systems (SCAR AKIS), sustainable production of bio-resources (SCAR BIOECONOMY), forests and forestry research and innovation (SCAR FOREST), the greater impact of European Agricultural Research on global challenges (SCAR ARCH) and Food Systems (SCAR Food Systems), address matters of common interest in a specific research area, such as animal health and welfare (SCAR AHW) and sustainable animal production (SCAR SAP), produce common research agendas that are a prerequisite to further multilateral cooperation, including alignment of programmes at national and EU levels, studies, mapping and analysis, as well as initiate foresight studies (SCAR Foresight Group).

The SCAR Plenary and SCAR Steering Group provide a forum for discussion on the strategic direction and development of European research and innovation policy. SCAR Plenary decides on the scope of work of SCAR, adjusts it to new challenges, and maintains an overarching view, which enables prioritisation of the different themes and proposals.

## Information:

- SCAR webpage: <https://scar-europe.org/>
- SCAR Working Groups' flyers: <https://scar-europe.org/index.php/casa-documents>

\*The H2020 Coordination and Support Action CASA, set up for the period from 2016 to 2019, supports SCAR in developing a

consolidated common agricultural and wider bio-economy research agenda within the European Research Area. One of CASA's tasks is to strengthen linkage between the SCAR groups and the Directorates-General of the European Commission as well as international organisations working with topics related to the wider bio-economy. To fulfil this aim, CASA arranges a workshop entitled "Strengthening linkages between SCAR Groups and Directorates-General of the European Commission and international organisations".

## Appendix 2

### Workshop format

The SCAR Workshop: “Strengthening linkages between SCAR Groups and Directorates-General of the European Commission and international organisations” was arranged in a cooperation between CASA Task 2.4: “Support to coordination and linkages between SWGs and CWGs and with DGs” and Task 3.4: “Support SCAR on better alignment of research and innovation policies”. The SCAR Workshop was held on 8<sup>th</sup> April 2019 13.00-18.00 at Liaison Agency Flanders-Europe, Avenue de Cortenbergh 71, 1000 Brussels, Belgium. Thirty-six participated in the Workshop. Ten participants represented SCAR or SCAR Groups, thirteen participants were officers from DGs (RTD, AGRI, ENV, GROW, SANTE) and three were officers from international organisations (FAO Liaison Office Brussels, International Council for the Exploration of the Sea (ICES), OECD). An officer participated from the EC Bioeconomy Knowledge Centre as well as member from IFOAM EU GROUP. Eight participated as CASA members.



