



**SCAR**  
Standing Committee  
on Agricultural Research

**mipAAF**  
Ministero delle  
politiche agricole  
alimentari e forestali

**RETERURALE  
NAZIONALE  
20142020**

# Presentations of the SCAR SWGs, CWGs, and Foresight Group



***CASA SCAR National Meeting in Italy***

***From strategies to policies: the SCAR as an opportunity  
for policy coordination and advice in Europe and in Italy***

***29 May 2018***

**SWG AKIS**

Mara Lai



- ✓ 2010 - launched as Collaborative Working Group
- ✓ 2014 – became a Strategic Working Group
- ✓ 2016 – started its 4<sup>th</sup> mandate

## Membership and organisation

- ✓ Members are:
  - ✓ Representatives of National Ministries (agriculture, rural development, research and education, economic development, etc.)
  - ✓ Representatives of research centres, universities.
  - ✓ Representatives of agricultural advisory bodies.
  - ✓ Representatives of the EC.
- ✓ The group meets usually three times per year.
- ✓ Details about the activities of the group are regularly updated in the SCAR AKIS website: <https://scar-europe.org/index.php/akis-mission-and-aims>
- ✓ Information and the reports of the meetings are available in the IT NRN website: <https://www.reterurale.it/flex/cm/pages/ServeBLOB.php/L/IT/IDPagina/17609>



## SCAR AKIS 4<sup>th</sup> Mandate



### 1. Analyse:

- complementarity and synergies among EU funds;
- thematic interconnection and collection of expertise of interactive innovation projects at different levels;
- AKIS supporting Infrastructures.



To improve the integrated approach within the European AKIS and the Implementation of the EIP



2. Better address the knowledge flows along the whole production/value/supply chain in the AKIS.
3. Promote cross-fertilization with other EIPs and sectors.
4. Enhance the interaction between innovation, cooperation and networking activities.



# SCAR AKIS 4<sup>th</sup> Mandate – Outcomes



- ✓ Policy brief on new approaches on agricultural education systems.
- ✓ Policy brief on the Future of advisory services.
- ✓ Policy recommendation for a more efficient use of infrastructures (on-going study on this topic).
- ✓ Policy recommendation on better integration between funds (on-going study on this topic).
- ✓ Supporting discussions to foster MS' AKI systems.



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# SWG Bioeconomy

Stefano Grando



Bioeconomy Strategic  
Working Group

**Mandate:**

ToR: Dec 2016, follow-up of SWG *Sustainable Bio-Resources for a Growing Bioeconomy*

End on 2019 (new mandate?)

Normally 3 **meetings** per year

**Chair :** Jan Van Esch (Ministry of Economic Affairs, The Netherlands)  
Stefan Rauschen → Alex Theodoridis (Jülich, Germany)

**Italian delegates:** Annalisa Zezza, Stefano Grandi

<https://www.scar-swg-sbgb.eu/> (link from <https://scar-europe.org/>)

**Context:** the EU BE strategy, its revision and its synergies



Bioeconomy Strategic  
Working Group

### Terms of Reference:

*(...) a Strategic Working Group (...) in charge of Bioeconomy and Bioresources research to advise on R&I policies and to increase research collaboration on the issue of sustainable biomass supply for food and biobased industries*

*[The BWG ] aims at providing strategic advice on coordination activities and policies (...) such as R&I (JPI, FP, EIP, KIC), industrial policy, standardisation and certification, training and international cooperation.*

*→ Mapping, discussing and advising strategies, policies and initiatives related to the bioeconomy*

*→ “Horizonthal” perspective (similar to AKIS)*



Bioeconomy Strategic  
Working Group



## **The Bioeconomy SWG discusses**

*How renewable bio-resources can be sustainably produced for the BE*

How the implementation of the BE strategy impacts upon agriculture, forestry, fisheries/aquacultures.

How to revise/update the BE EU strategy

How to improve synergies between BE policy and other policy areas (climate, water, food...) and how to promote BE in other policies and strategies

## **Core activities and deliverables**

- Mapping of relevant national strategies and policies and of monitoring systems for the BE
- Input for European BE Strategy revision
- Policy brief on BE in the FP9 “Horizon Europe”
- Reflection paper on the relation between the BE and post-2020 CAP
- Technical note on synergies between BE and Circular Economy
- Workshop and reflection paper on MS/AC needs for European R&I programmes
- Educational Booklet



Bioeconomy Strategic  
Working Group

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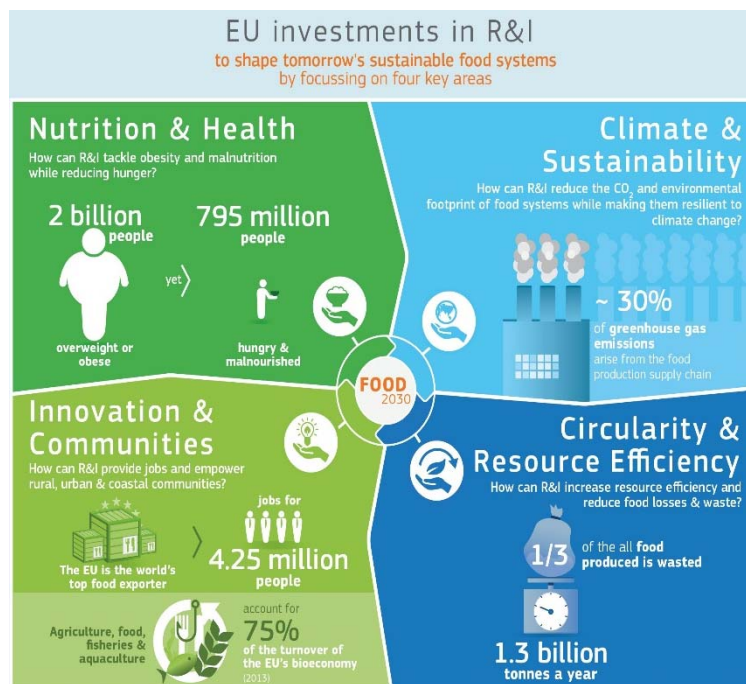
# SWG Food systems

Annamaria Stella Marzetti



**Main focus:** provide strategic advice & support to the EU Research & Innovation policy framework FOOD 2030 as well as the revision of the Bioeconomy strategy where food has a central role (*food comes first principle*)

## The Food System



Shaping R&I to contribute to **4 FOOD 2030 Priorities:**

- **NUTRITION** for sustainable and healthy diets
- **CLIMATE** smart & environmentally sustainable food system
- **CIRCULARITY** and resource efficiency of food systems
- **INNOVATION** and empowerment of communities

4 FOOD 2030 Drivers:

- **Innovation & Investment:** Regional, Private sector collaboration
- **Open Science:** Open access and data sharing; engagement, education & skills
- **Research:** ICT, Food systems science & transdisciplinarity
- **International collaboration:** Partnering with Member States, International Bioeconomy Forum



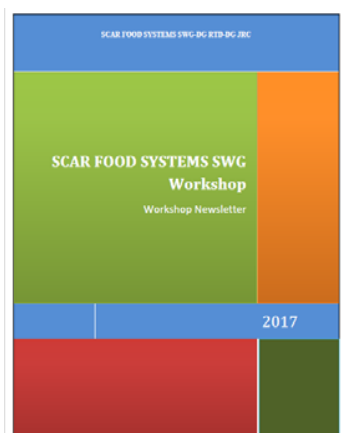
## Membership and organisation

- Lifespan: December 2016 to December 2019
- involves 21 Members States or Associated countries: AT, BE, DE, DK, EE, ES, **FI, FR**, HU, IE, IT\*, LT, LU, MT, NL, NO, PO, RO, SE, TR, UK, open to all SCAR participating countries that can join at a later stage. \*IT: Mipaaf & MoH

Members are:

- ✓ Representatives of National Ministries (agriculture, rural development, research and education, economic development, health, etc.)
- ✓ Representatives of research centres, universities.
- ✓ Representatives of 4 JPIs (FACCE, HDHL, OCEANS, Water)
- ✓ Representatives of the EC.

The group meets usually three times per year. Details in the SCAR FS website: <https://scar-europe.org/index.php/food-mission-and-aims>



### Assessment of Research and Innovation on Food Systems by European Member States

Policy and funding analysis

(edited by)



## Terms of Reference (ToRs)

Vision: food systems should not only deliver food security but also nutrition security.

Aim: help move towards better FNS R&I policy coherence as well as FNS R&I strategic orientation

## Priorities

Monitoring Food Systems: outcome in light of governance and future proofing; Increasing diversity among food systems; “Food environment” drivers and outcomes; Zero waste from Food Systems; Knowledge management/ education –dissemination - training - awareness.

## Core Activities

Workshop FEB 2017: identified 5 most impactful cross-cutting issues for food systems and determined concrete following-up activities (newsletter).

2017-18 mapping of past 5 years R&I funding at national and regional level and how it fits with FOOD 2030 key areas.

Mapping information across member states reveals knowledge gaps as well as opportunities to collaborate in the future to fulfil FOOD 2030 expectations. The report on qualitative (21) and quantitative mapping (11) at the Plovdiv Conference on 14-15 June 2018 **2nd FOOD 2030 HIGH LEVEL EVENT Research and Innovation for Food and Nutrition Security – Transforming our food systems**

Joint workshops with other SCAR WGs (AKIS & ARCH).

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# SWG Forest

Annamaria Stella Marzetti

# SWG on Forests and Forestry Research and Innovation

Forests and forest-based products and services are major components of the biosphere and of societal wellbeing. Globally, they make a significant contribution to local and national economies, to rural development and to individual livelihoods. In Europe, forests and other wooded land are expanding and cover **over 40 % of the EU's land area**, providing a great diversity of ecosystems and habitats for animals and plants across regions, and playing a major role in mitigating climate change and other environmental services.

## Membership and organisation

**20 member states** (AT, BE, BG, CZ, DE, EE, ES, FI, FR, GR, HU, IE, IT, LT, LV, NO, PL, SE, SK, UK)

**Observers:** European Forest Institute (EFI), Forest Technology Platform (FTP)

### Core group

Jean-Michel Carnus (FR, Inra) → **Jean-Luc Peyron (FR, Ecofor)**

Martin Greimel (AT, Bmnt)

Karin Perhans (SE, Formas)

Kalliopi Radoglou (GR, Duth)

Secretariat: Anaïs Jallais (FR, Ecofor)

Terms of reference 2016 - June 2019

## Terms of Reference (ToRs)

- ✓ *to be a source of advice on European forest-based research and innovation (R&I), thus **contributing to the development of a coherent and ambitious forest-based research area.***
- ✓ *to **promote and strengthen transnational research and cooperation** to meet the challenges of adaptation to and mitigation of climate changes, and of increasing sustainability and competitiveness of the EU's forest-based sector [...]*

## Specific Objectives

**Promote forest-based system and value-chain approaches** with consideration of other sectors

**Provide strategic intelligence** by mapping national forest research and innovation capacities, policies, strategies

**Facilitate knowledge-based input** to public debates

Provide advice on research and innovation support to the implementation of national forest policies and **EU forest strategy**



# SWG on Forests and Forestry Research and Innovation

## Core Activities

### Three main areas:

#### 1 FOREST BIOECONOMY

**Tasks:** mapping, analysis and synthesis on forest-based bioeconomy research and innovation (R&I) in Europe.

**Deliverable:** report from expert study (October 2017)

#### 2 TRANSNATIONAL COLLABORATION

**Tasks:** assessment of forest-related ERA-NETs and COST actions, identification of future areas and topics for joint programming and alignment of research activities; Joint meetings with SUMFOREST ERA-Net network

Preparing the new ERA-Net Cofund FORESTVALUE launched in October 2017

**Deliverables:** report from expert study (February 2018), EU workshop (4/5 June 2018, Sofia, Bulgaria-COST Connect - Cooperation SCAR-COST); position paper on research and innovation needs for future forests and forest-based sector in Europe

#### 3 INTERNATIONAL COOPERATION

**Tasks:** mapping of international forest related scientific cooperation, identification of key areas for future development of forests and forest-based sector in Europe (link to preparation of FP9); Advise on global forest R&I cooperation for contributing to the implementation of SDGs.

**Deliverable:** report and policy brief on global cooperation in forest research and innovation (2019) position paper on research and innovation needs for future forests and forest-based sector in Europe

**Interaction with other SCAR groups** (SWG ARCH on role of forests for SDGs, SWG BIOECONOMY for revision of the EU bioeconomy strategy, Foresight Group on preparation of 5th foresight).

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**SWG Fish**

# Terms of reference

To forge linkages between MS Ministries in charge of Fisheries and aquaculture and the European Commission (DG Research & Innovation, DG MARE, DG Environment)

To further develop existing collaboration and initiate new collaborations between MS to achieve a cost effective system of research in the areas of fisheries and aquaculture that supports the Common Fisheries Policy

To develop an agreed list of fisheries and aquaculture common research priorities

To collate existing information / collect new information in the areas of foresight, common research agendas and mapping EU capacities to support a European research area for fisheries and aquaculture



## SCAR-Fish activities in 2018

- Study on valorisation of under-used material in fisheries and aquaculture
- Freshwater aquaculture – collection and prioritization of the research needs of the freshwater aquaculture sector
- Strengthening Fish Welfare Research Through a Gap Analysis Study - a collaborative CASA project between CWG Animal Health and SWG Fisheries and Aquaculture
- Mapping of fisheries organizations that are relevant for fisheries management and aquaculture development (mapped 90 organizations)



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# CWG Animal Health and Welfare

Marina Bagni



# European Animal Health & Welfare Research

COLLABORATIVE WORKING GROUP

## Collaborating Working Group on Animal Health and Welfare Research (CWG AHW)

*Chair Marina Bagni – Ministry of Health Italy*

*Deputy Chairs:*

*Hermann Schobesberger – Wien Univ. Med.Vet Austria*

*Dominique Vandekerchove, SPF Santé publique, Sécurité de la  
Chaîne alimentaire et Environnement*



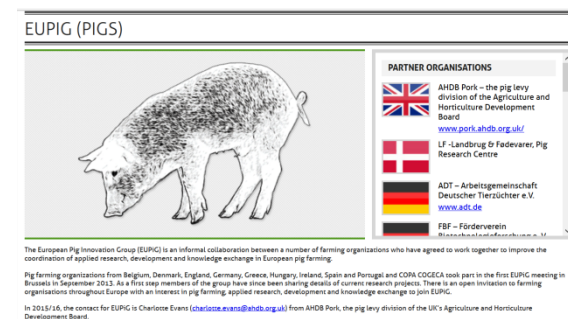
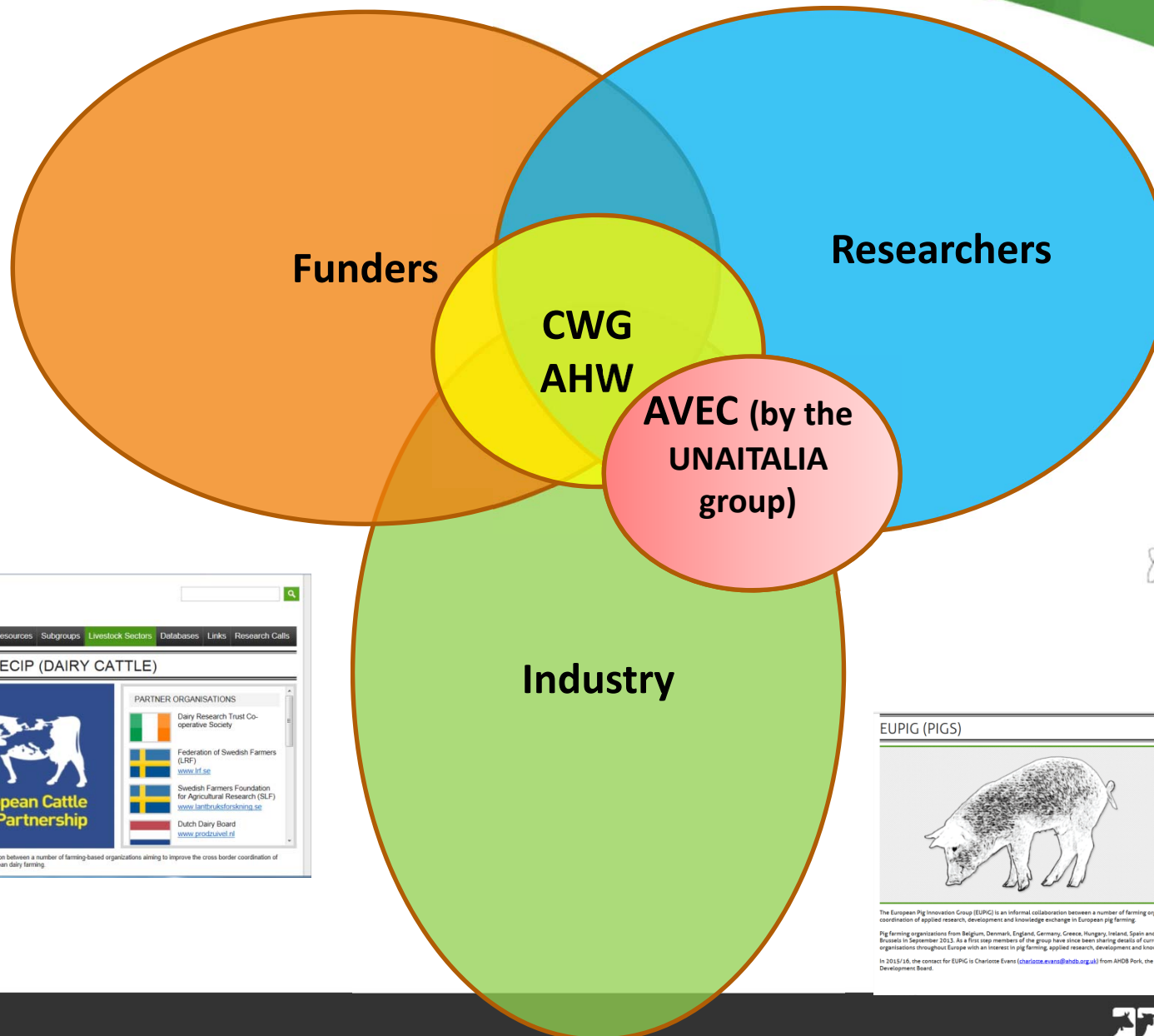
European Animal Health  
& Welfare Research  
COLLABORATIVE WORKING GROUP



## Aim and scope

The CWG AHW works towards coordination and alignment of national research and mutual research funding activities. Provide a forum leading to improved collaboration on research prioritisation and procurement, creating the necessary critical mass and focus to deliver the animal health and welfare research needs, *including fish and bee health and those conditions which pose a threat to human health:*

- *Share information on research projects;*
- *Coordinate research activities;*
- *Work towards common research agendas;*
- *Connecting research community with stakeholders (e.g. industry and policy makers);*
- *Improve the networking between AH and AW researchers;*
- *Mapping the landscape in relation to provisions of research facilities, including expertise and micro-organism collection*
- *Rapid responding to emerging issues (Bluetongue, Schmallenberg virus and now Lumpy Skin Disease and ASF) sharing information on ongoing related research projects and identifying research needs.*



# CWG AHW: a story told by numbers



13 years of activity

20 Countries

28 Partners

2 coordinators (since the beginning)

**Alex Morrow**, UK (start-2015)

**Marina Bagni**, IT (2015-to date)

2 Yearly plenary meetings

2 Yearly subgroups meetings (extra for SFU)



# CWG AHW: a story told by numbers



3 ERA-Net (EMIDA, STAR-IDAZ, ANIHWA)

Regional Network (Europe) for IRC STAR-IDAZ

5 project calls and 56 projects (26 EMIDA + 30 ANIHWA)

about 79 Million euros (49 EMIDA + 30 ANIHWA)

6 SRA produced (EMIDA, ANIHWA, STAR-IDAZ and FORE-MED;  
AW SRA 2017; Updating SRA AH 2018)

3 Databases (research calls, projects and publication)



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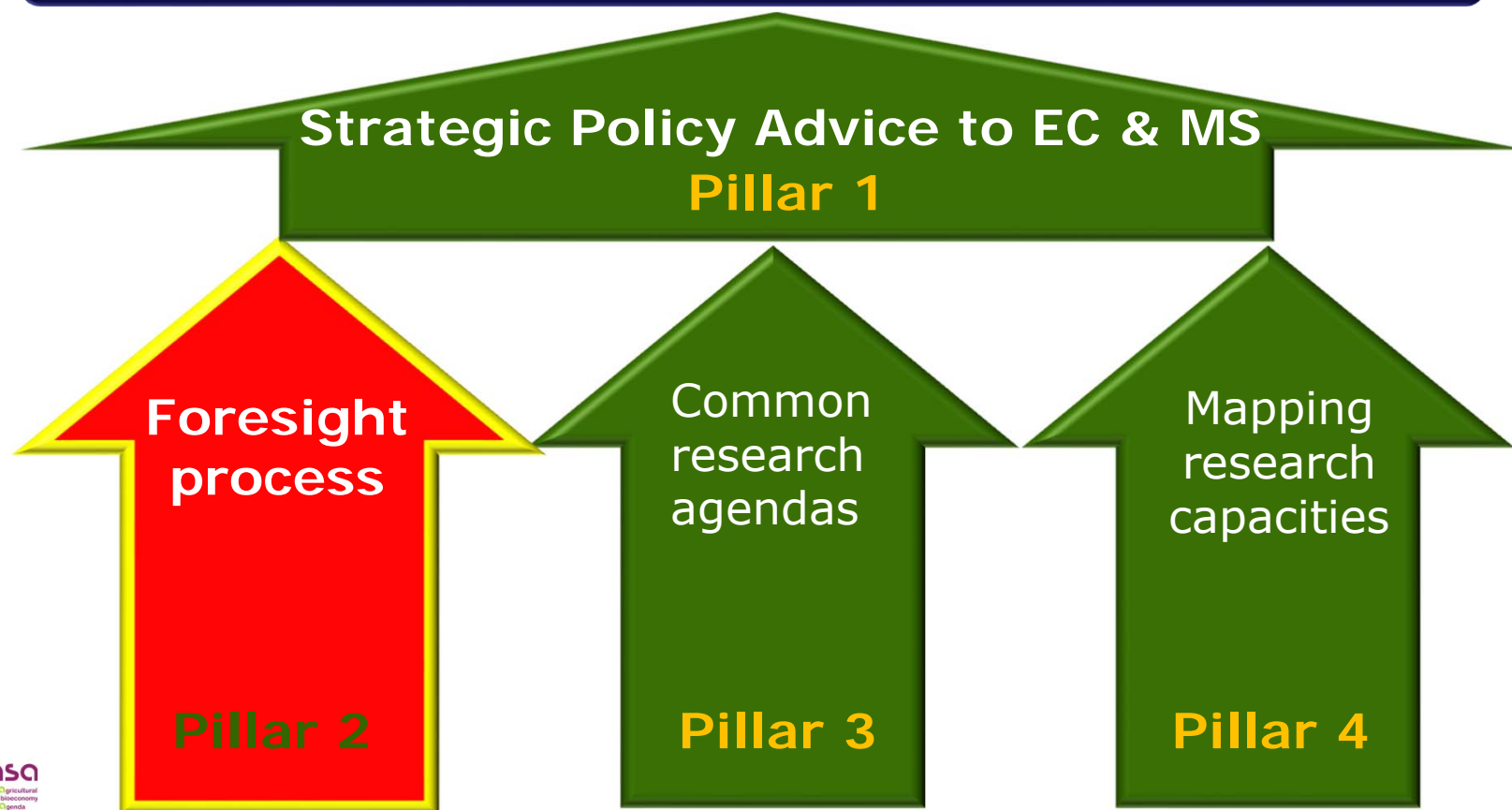
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# Foresight Group

Stefano Bisoffi, Stefano Grando

# Foresight: a pillar of SCAR activities

European Research Area in the Bioeconomy



SCAR  
Standing Committee on Agricultural Research

*mp*  
[stefano@bisoffi.it](mailto:stefano@bisoffi.it)



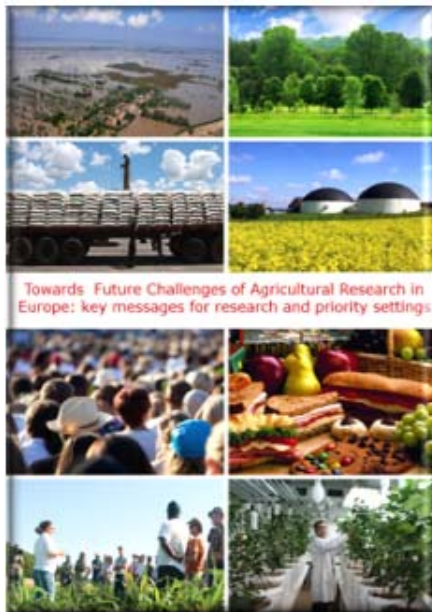
# Foresight functions

- Develop robust strategies for the future by:
  - Identifying uncertainties and their implications
  - Identifying opportunities and threats
- Anticipate multiple possible futures and reason on consequences
- Provide “food for thought” and elements to guide decisions of Member States and the EC
- Help to set the agendas, establish priorities and provide ground for policies

In our times of rapid change and discontinuity, crises of perception - the **inability to see a novel reality by being locked inside obsolete assumptions** - have become the main causes of strategic failures.

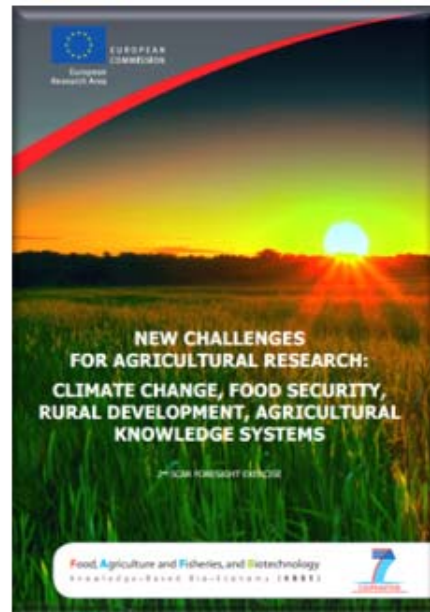
(Pierre Wack, 1985)

# Four Foresight studies ... so far. A 5<sup>th</sup> under way



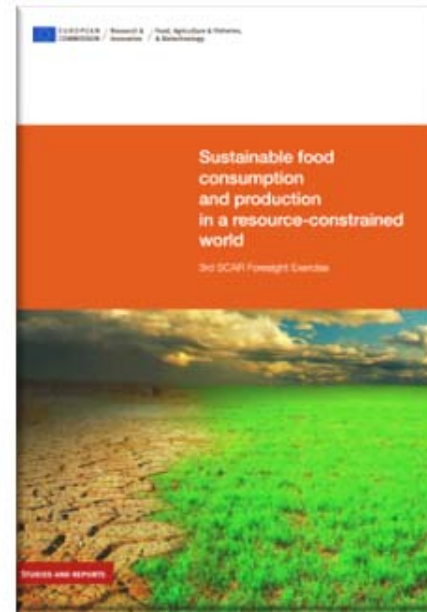
2007

A challenge approach allowing the identification of innovation needs based on scenarios



2009

Focused on resilience and crisis (Complexity, Climate Change impact, Vulnerability of the food system, AKS)



2011

Resource scarcities (productivity and sufficiency scenarios)



2015

Explores the bioeconomy within the constraint of sustainability

... all available at:

<https://ec.europa.eu/research/scar/index.cfm?pg=about#foresight>

  
stefano@bisoffi.it