



GOBIERNO
DE ESPAÑA

MINISTERIO
DE ECONOMÍA, INDUSTRIA
Y COMPETITIVIDAD



SCAR

Relevance in Spain

Paloma Melgarejo Nárdiz
Deputy Director INIA
SCAR Representative of Spain

CASA Meeting 10-11 May 2017, Madrid



Standing Committee on Agricultural Research

Main points

- **Brief overview**
- **Organisation and Instruments**
- **Operation and achievements**
- **SCAR today**
- **Relevance in Spain**

Overview of SCAR

- 1974: Council Regulation N° 1728/74 establishing SCAR
- 2005: renewed mandate by the Council (27 MS)
- 2012: Widening of SCAR – Forestry & Fisheries

Components of SCAR

SCAR currently represents 37 different countries

- **EU Members States** (all MS)
 - ministries
 - organisations such as research councils
- **Observers: Candidate and Associated Countries**
- **European Commission** (SECRETARIAT AND CHAIR,
DG RTD & DG AGRI)

Main role for SCAR



FOCUS: AGRICULTURE but expanded to BIOECONOMY including areas such as:
Forestry/ Fisheries/ Sustainable biomass production and use ; biorefineries/
Global food security.

Aims to make it easier for public-public and public-private sectors to work together in delivering innovation that tackles the challenges faced in the bio-economy area. New growth oriented approach in the horizon 2020 programme.

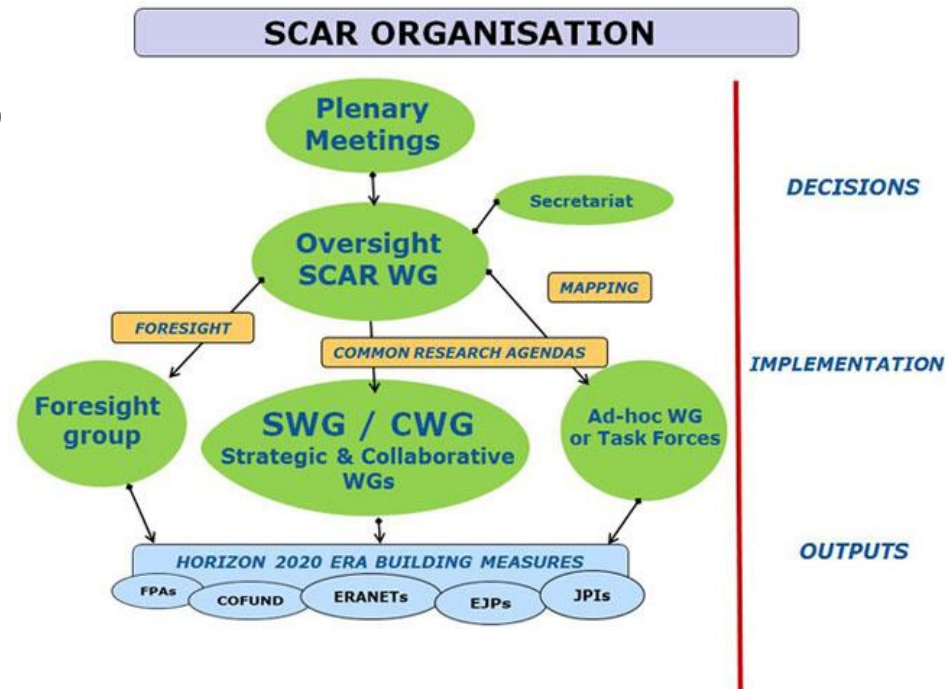
Main tasks of SCAR

- Advisory function of SCAR for MS, COM and for innovative research activities on EU level. **INDEPENDENT POLICY ADVISE.**
- SCAR adapts to new challenges continuously, highlighted weak signals as well as future opportunities (**provides Foresight Studies , regular survey**) – Feeds the strategic planning process of research policy making and gives advise to political decision makers (MS, COM)
- The SCAR work has resulted in a high number of joint activities between MS (CWGs, ERA-Nets, JPIs)
- **SCAR Activities are “Member State driven”**

SCAR's most essential output is research and innovation related policy advice through all its activities and with its various instruments.

SCAR Organisation and Instruments

1. Plenary meeting
2. Secretariat-SCAR Steering Group
3. Foresight group
4. Collaborative Working Groups
5. Strategic Working Groups
6. Ad-hoc working groups or task forces



1. Plenary Meeting (governing body)

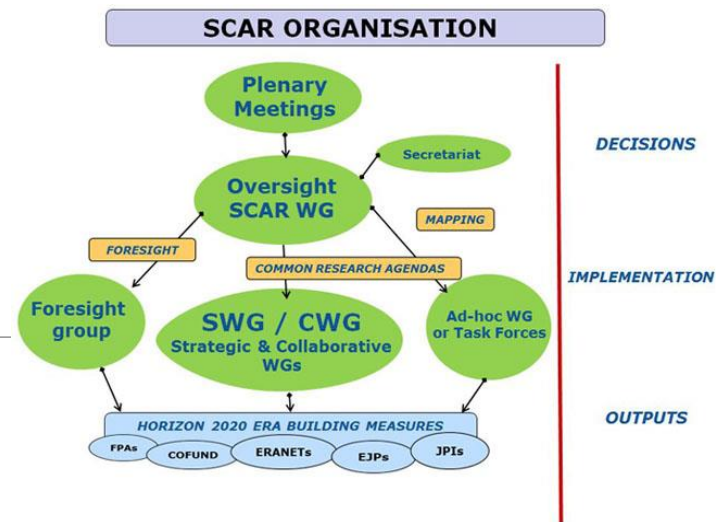
Participants:

- SCAR delegates from all EU MS
- Candidate MS
- Associated States

Main tasks:

- Creation of Working Groups
- Other initiatives proposed by the COM or SCAR SG
- Policy papers
- Actions

Meetings: 2/year



2. Secretariat – SCAR Steering Group

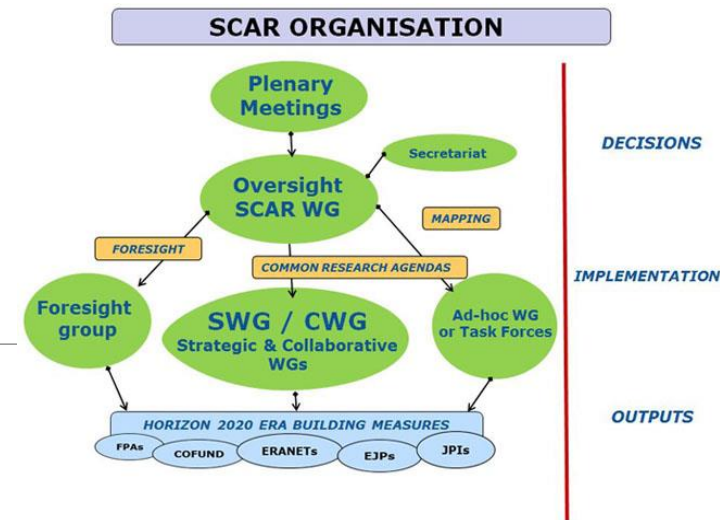
Participants:

- SCAR delegates from all MS
- COM staff

Main tasks:

- Plan and prepare plenary meetings
- coordination mechanisms in Horizon 2020
- prioritisation of ERA-Net Co-fund activities
- organising the establishment of new WG
- providing support to WG

Meetings: 5 to 6 /year



SCAR Steering Group deliverables

SG deliverables 2017:

- Agreement on the priority list of ERA-NETs
- Annual conference on key priority subjects
- Topic development in H2020 WP2018-2020
- Reflection paper on the Bioeconomy Strategy Review
- Reflection paper on the new EU Research Framework Programme

3. Foresight Group

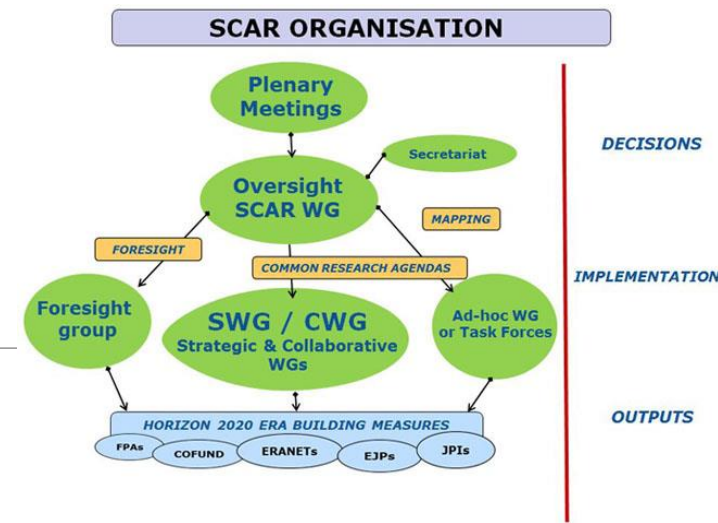
Participants:

- “Long-term experts” (approx. 5)
- “Short term experts” (approx 5)
- **Advisors from CWGs / SWGs / ERA-Nets / JPIs – Representative members are invited as required**

Main tasks:

- Foresight activity
- Execution of relevant studies & Review ongoing studies
- Research prioritisation

SCAR Foresight – Instrument for public research planning and public policy building



Deliverables

- **Futures Scenarios**
- **Recommendations** on the main priorities for national and European research in the biocoenomy
- **Proposals** for ERA-Nets, JPIs
- **Conferences**

5. Strategic Working Group (SWG)

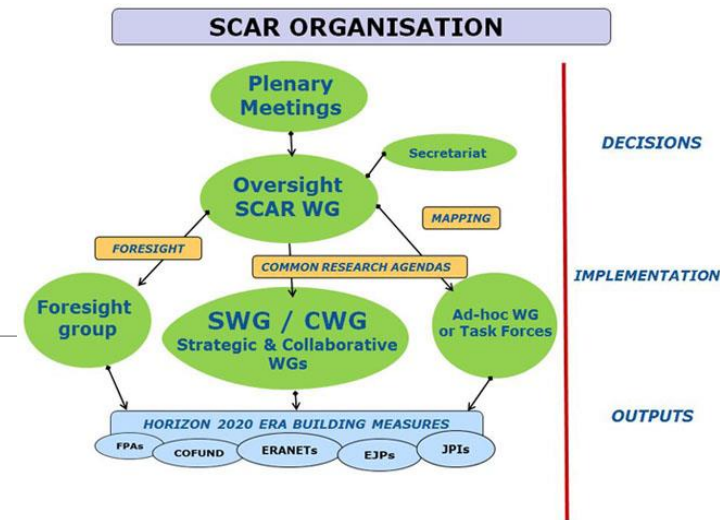
Participants:

- SCAR members
- Commmission Staff

Terms of reference approved by the Plenary but high level of autonomy

Main tasks:

- discuss strategic matters on broad issues. **Contribute to medium long-term research and innovation policy**
- formulating research policy advice on:
 - fisheries and aquaculture research (SCAR Fish),
 - agricultural knowledge and innovation systems (SCAR AKIS)
 - sustainable bioresources production (SCAR Biomass)
 - forestry research and innovation (SCAR Forest)
 - European Agricultural Research towards greater impact on global challenges (SCAR ARCH).



Deliverables

Mapping and analyses of current research and innovation policies to identify common strategic goals and initiatives, normally covering larger domains than CWGs.

Concrete advice for countries and the COM on strategic research

Possible **strategic research agendas** (SRA) in the chosen domain (though this is usually the role of the CWGs).

Advice on, and promotion of, the alignment of MS and European R&D policies, going beyond the EU Horizon 2020-related instruments (e.g. roadmap, strategy),

Advice on strategic convergence of areas currently distant from each other, Agricultural Research and Agricultural Research for Development, where there is the potential to increase synergies and/or reduce unnecessary duplication.

4. Collaborative Working Group (CWG)

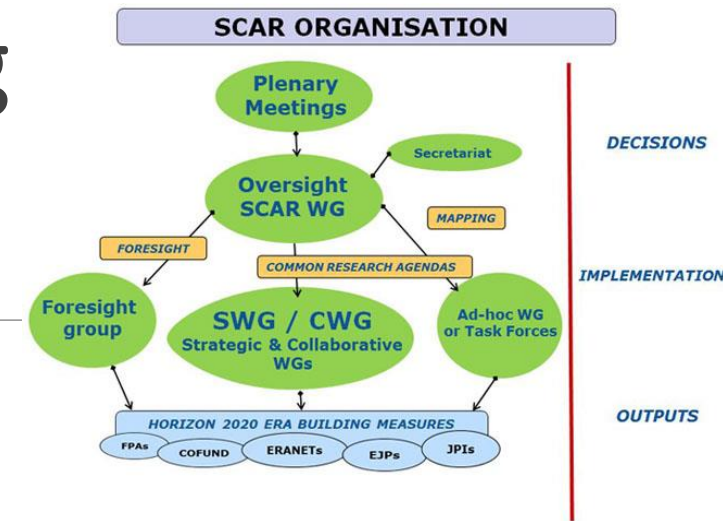
Participants:

- SCAR members
- Commission Staff

Terms of reference, approved by the Plenary meeting
high level of autonomy in their operation.

Main tasks:

- **Develop Strategic Research Agendas, highlighting priority research topics through mapping activities and gap analyses, all of which potentially lay the groundwork for future ERA-NETs.**



Deliverables

Studies and recommendations on multilateral cooperation in specific research areas, leading to new ERA-NETs

CWG SAP  SuSan ERA-Net Cofund

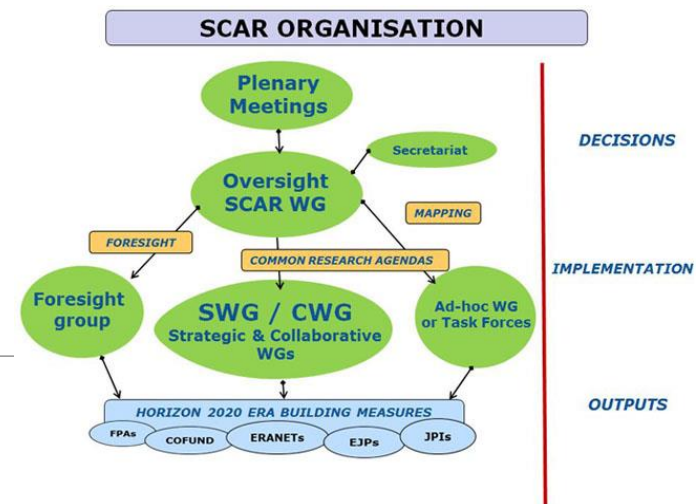
CWG Climate Change and Agriculture 

FACCE JPI

Mapping and analyses of countries' current activities in these areas. Gaps, trends, needs.

Possible strategic research agendas in these specific areas.

6. Ad-hoc working groups or task forces

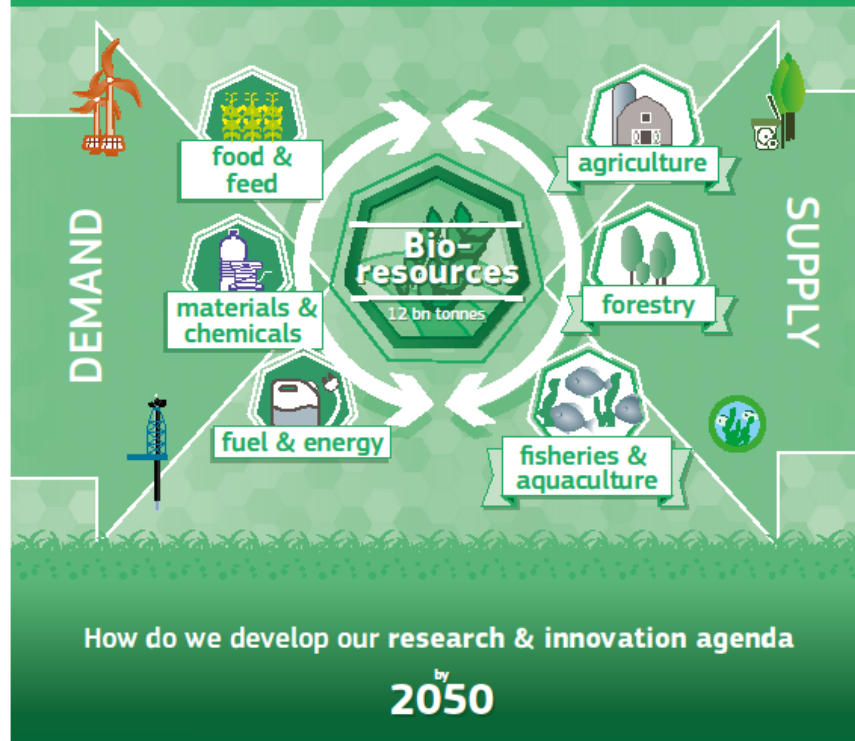


Occasionally, SCAR may decide to take on an initiative additional to its regular activities, or an initiative that takes more time and effort than can be accommodated within the regular work load of the SCAR Working Group. Examples:

- Preparation of SCAR input to the development of EU RTD Framework Programmes and national programme coordination mechanisms.
- Preparation of Reflection paper on the Role of SCAR



Reflection Paper on the Role of the Standing Committee on Agricultural Research



SCAR role in an evolving landscape, and proposes ways to continue producing high-quality strategic policy advice for another decade.

Drafted by an *ad hoc* Task Force commissioned by the SCAR and composed of members of the SCAR Working Group and representatives of DG RTD and DG AGRI

Endorsement of this paper was given at the June 2015 meeting.



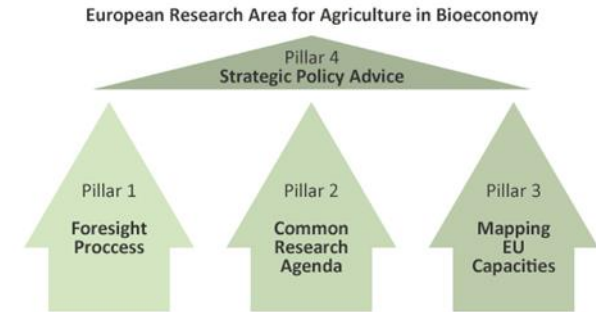
SCAR Operations and Achievements

Initiatives

European Research Area for Agriculture in Bioeconomy



1. Foresight Process



Identify possible future scenarios for European agriculture and the wider bioeconomy

Prioritising research and other activities in the medium to long term.

Reports /dedicated conferences

Foresight conclusions and recommendations have been used by the Commission and MS/AC in planning research coordination activities.

1st Foresight Exercise - Disruption Scenarios, 2006-07

2nd Foresight Exercise - Resilience and Crisis, 2008-09

3rd Foresight Exercise - Productivity and Sufficiency, 2010-11

4th Foresight Exercise, 2014-15 Sustainable Agriculture, Forestry and Fisheries in the Bioeconomy



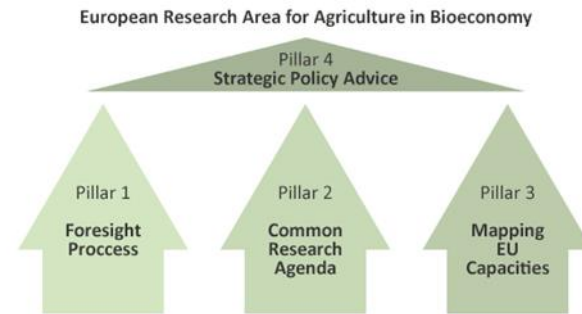
1. Foresight Process

Identify possible future scenarios for European agriculture and the wider bioeconomy

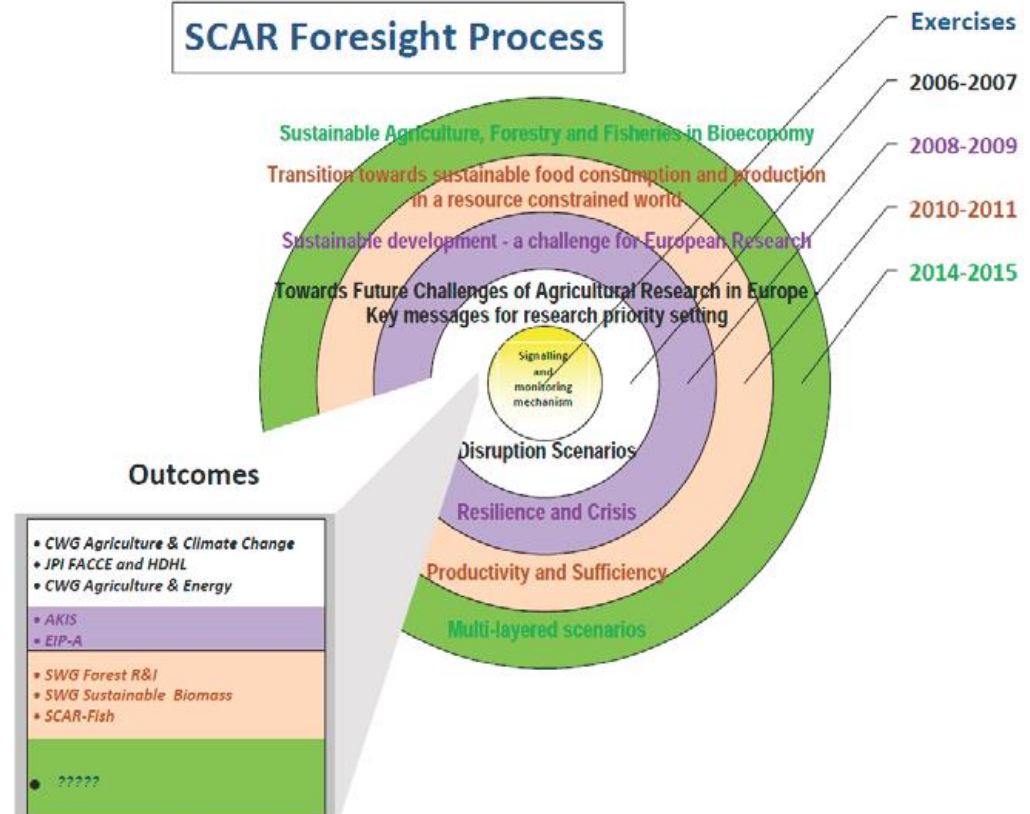
Prioritising research and other activities in the medium to long term.

Reports /dedicated conferences

Foresight conclusions and recommendations have been used by the Commission and MS/AC in planning research coordination activities.



SCAR Foresight Process





4th Foresight Exercise

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

4th SCAR Foresight Exercise

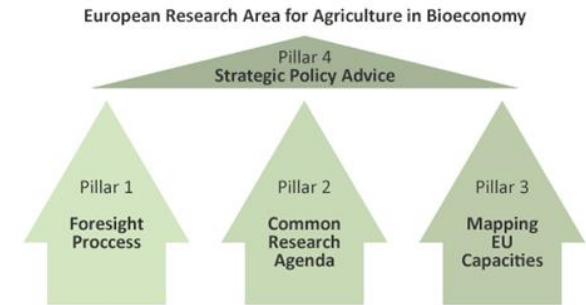


Explore the interactions between the primary sector and the bioeconomy.

Setting future research and innovation agendas, establishing priorities, and providing ground for policies

Presented in an important Stakeholder Conference 8 October 2015, Brussels.

2. Developing common research agendas



Since 2005, more than 25 CWGs/SWGs have been set up by European countries

→ common Research Agendas



Multilateral cooperation: Alignment of programmes at national and EU levels:

Eight ERA-NETs FP7 (networking, coordination, joint calls and additional collaborative activities) and Two JPI

2.1. CWGs leading to ERA-Nets FP7

CWGs leading to ERA-Nets	Coordinator	Countries	Kick-off
<u>Integrated pest management for the reduction of pesticide risks and use - ERA-NET C-IPM</u>	FR	18	13/05/2011
<u>Forest value chain in the light of climate change - ERCF - ERA-NET SUMFOREST</u>	AT-DE	12	3-4/05/ 2011
<u>Sustainable food production for wealth, welfare and health - ERA-NET "SUSFOOD"</u>	DK	17	06/05/2010
<u>Risk Research on Genetically Modified Organisms - upcoming ERA-NET preparatory action</u>	AT	15	13/10/2009
<u>Coordinated research agenda for EU rural policy - ERA-NET "RURAGRI"</u>	SE - NL	7	23/11/2006
<u>Agriculture and Sustainable Development - ERA-NET "RURAGRI"</u>	FR	11	06/12/2005
<u>ICT and Robotics in Agro-Food Industries - ERA-NET "ICT-AGRI"</u>	DK	11	01/09/2005
<u>Relevant Issues for Mediterranean Agriculture - ERA-NET "ARIMNet"</u>	FR	12	02/12/2005
<u>Animal Health and Welfare - ERA-NET "ANIHWA"</u>	UK	21	08/12/2005
<u>Animal Health - ERA-NET "EMIDA"</u>	UK	21	08/12/2005

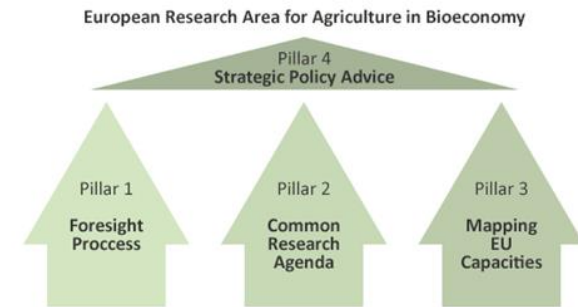
2.2. SCAR leading to JPIs

SCAR has been highly active and influential in the Joint Programming process. In 2010 the Commission adopted two recommendations for Joint Programming Initiatives:

- Agriculture, Food Security and Climate Change (FACCE)
- A Healthy Diet for a Healthy Life (HLDL).

Adopted their Strategic Research Agenda (SRA) in 2011 and 2012 respectively and provided a framework for the alignment of existing programmes and joint research efforts to achieve the objectives of their respective areas.

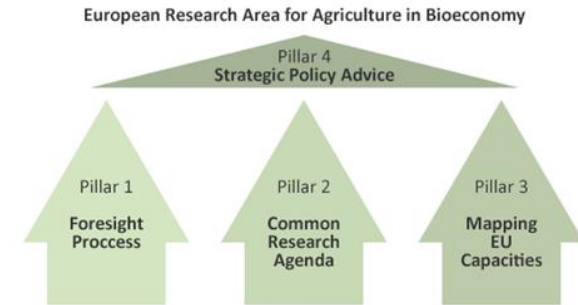
3. Mapping SCAR research capacities



Mapping the European capacities in the field of agricultural research and recommendations for Europe by 2020.

Most of the CWGs, ERA-Nets, and JPIs have carried out their own sector driven mapping exercises which are essential to formulating eventual joint programming exercises for a better alignment of national programmes and gap analysis.

4. Strategic policy advice (I)



Supporting initiatives such as:

- JPI process
- Strategic input to the Horizon 2020 and its work programmes and to the development of ERA-Net Co-fund mechanism
- SCAR Agriculture Knowledge and Innovation Systems (AKIS) SWG
- Development of the European Innovation Partnership-AGRI (EIP-AGRI)

Strategic policy advice (II)

- SWG on Sustainable Biomass (Bioeconomy) and the CWG on Integrated Biorefineries bringing together key players in the field producing relevant policy output.
- Contributing to global food security: Especially notable is EIARD/ARCH bringing together the different worlds and goals of European agricultural research and official development aid
- Contributions to Fish and Aquaculture and Forestry

SCAR TODAY

Rolling Work Plan

2-year period (2017-2018)

- ❑ SCAR SG
- ❑ Foresight Group
- ❑ SWG AKIS
- ❑ SWG ARCH
- ❑ SWG SCARFISH
- ❑ SWG Bioeconomy
- ❑ SWG Forest
- ❑ SWG Food Systems
- ❑ CWG AHW
- ❑ CWG SAP
- ❑ Task forces and Ad hoc groups

► Support from the CASA Support Action

EU Priority areas

- Bioeconomy Strategy refresh
- FOOD 2030 Initiative
- Implementation of the long-term EU agricultural research and innovation strategy (EIP AGRI)
- Horizon 2020 programming (WP2018-20)

Strategic discussions

- The role of the P2P (ERA-Net Cofunds, JPIs, EJPs and ART 185s) mechanisms in European and national coordination
- Build long term relationship between SCAR and JPIs
- ERA-Net Cofund topics prioritization and planning for the SC2 WP2018-20

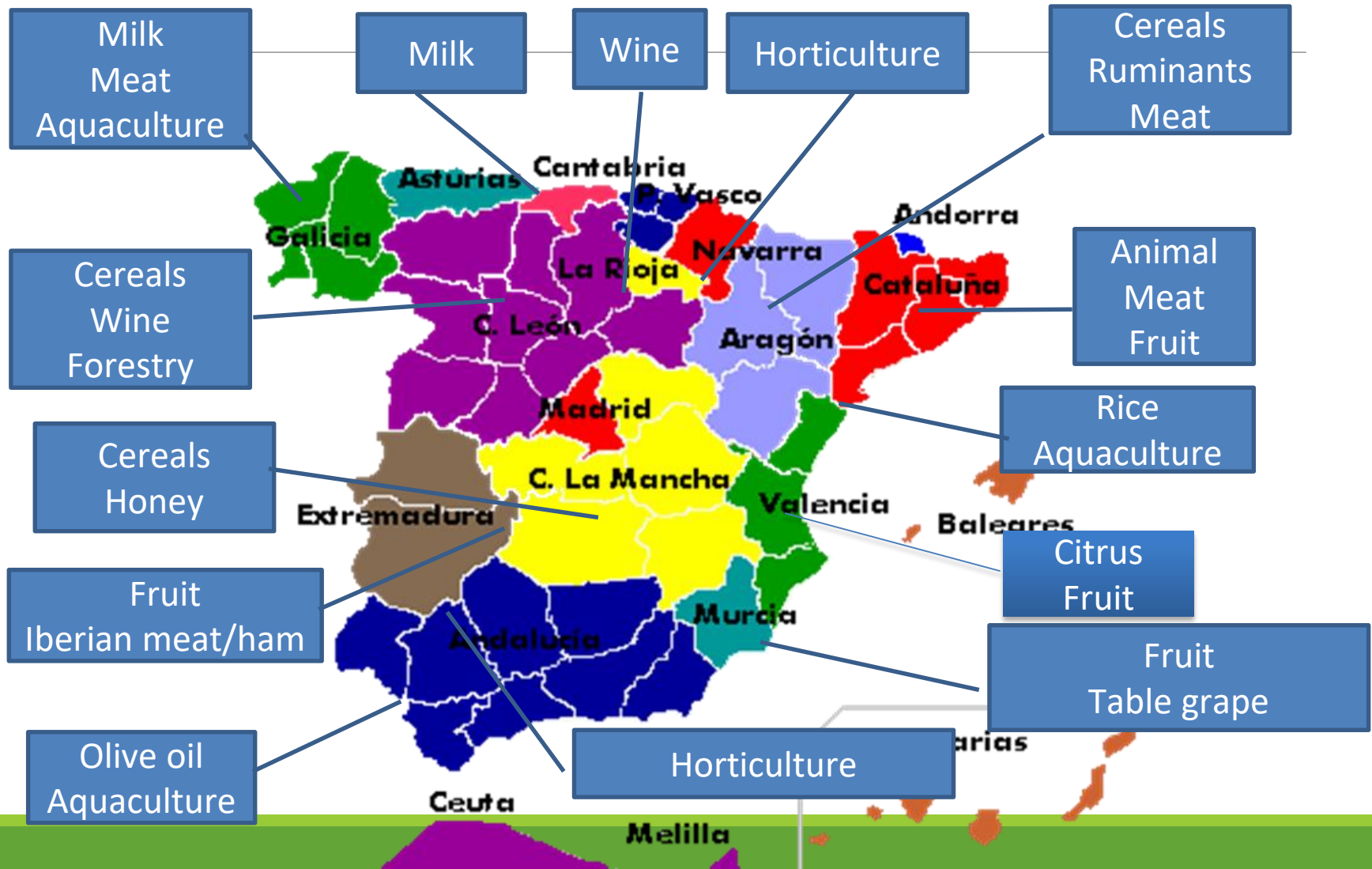
P2Ps in the bioeconomy area



Acronym	Funding Framework	P2P partnership type	End date
ARIMNET 2	FP7	ERA-NET	30-Nov-2017
C-IPM	FP7	ERA-NET	31-Dec -2016
COFASP	FP7	ERA-NET	31-Jan-2017
ERA-MBT	FP7	ERA-NET	31- Dec 2017
ICT-AGRI-2	FP7	ERA-NET	31- Dec 2017
SUMFOREST	FP7	ERA-NET	31-Dec -2017
Woodwisdom-Net +	FP7	ERA-NET	14-Nov -2017
BESTF3	H2020	ERA-NET Cofund	31 Dec -2020
BiodivERsA3	H2020	ERA-NET Cofund	31-Oct-2019
CORE Organic Cofund	H2020	ERA-NET Cofund	30-Nov-2021
CoBioTech	H2020	ERA-NET Cofund	30-Nov-2021
ERA-HDHL	H2020	ERA-NET Cofund	31 -Dec -2020
ERA4CS	H2020	ERA-NET Cofund	31- Dec -2020
FACCE ERA-GAS	H2020	ERA-NET Cofund	30- Apr -2021
FACCE SURPLUS	H2020	ERA-NET Cofund	1- Mar-2020
LEAP AGRI	H2020	ERA-NET Cofund	31- Dec- 2021
SUSFOOD2	H2020	ERA-NET Cofund	31- Dec -2021
SuSan	H2020	ERA-NET Cofund	31- Dec -2020
WaterWorks2014	H2020	ERA-NET Cofund	1-Feb-2020
WaterWorks2015	H2020	ERA-NET Cofund	31- Dec-2020
marTERA	H2020	ERA-NET Cofund	31- Dec 2021
BESTF	FP7	ERA-NET PLUS	31- Dec- 2017
BESTF2	FP7	ERA-NET PLUS	30-Nov-2018
CORE Organic PLUS	FP7	ERA-NET PLUS	30-Nov-2018
FACCE-ERA-NET+	FP7	ERA-NET PLUS	30-sep-2018

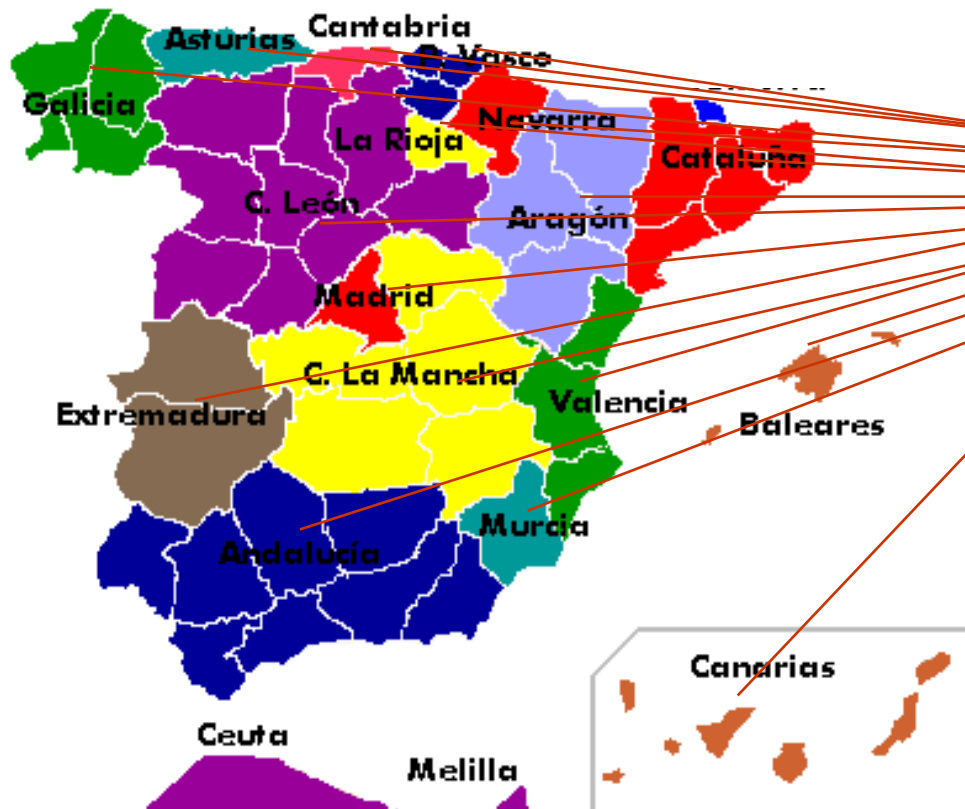
Relevance in Spain

Autonomous Regions: Specialized Research activities in agrifood chain by sectors.



COORDINATION State Plan application

INIA - Autonomous Regions System



INIA chairs the
Agricultural Research
Coordinating Commission

Representatives in Spain

National

- Paloma Melgarejo
INIA, Madrid

Autonomous Regions

Pere Arús
IRTA, Cataluña

Spanish Representatives in SCAR Working Groups

❑ SWG AKIS

Natalia Villalobos (INIA)

❑ SWG ARCH

José Luis Cruz (IMIDRA)

❑ SWG SCARFISH

Pilar Pereira (IEO)

❑ SWG Bioeconomy

Jesús Escudero (INIA)

❑ SWG Forest

Isabel Cañellas (INIA)

❑ SWG Food Systems

Angeles Alonso (INIA)

Begoña Pérez (AZTI)

❑ CWG AHW

Marta García (INIA)

❑ CWG SAP

Susana Astiz (INIA)

Opportunities to promote SCAR at regional level in Spain

Objective: Increase participation, interaction and collaboration of the Autonomous Regions with each other and with the INIA as representative of Spain

How? Participating in the different SCAR bodies: the SCAR Working Group (SCAR WG); SCAR Strategic and Collaborative Working Groups (SWGs and CWGs); ad-hoc task forces.

Result: Improved quality of outputs and outcomes of SCAR and its SWGs and CWGs creating added value for greater impact within the evolving landscape of the broader bioeconomy based on an increased and broadened participation

Strengthening the production of more strategic policy advice for the coming years improved by SCAR

Bioeconomy Strategy at National and at Regional level

Thanks for your attention
