

PLATFORM Outcomes & Outlook

Open Satellite Meeting of the Bioeconomy Stakeholders Conference

9 October, Torino, Italy



SCAR and the ERA-NETs

Egizio Valceschini

French representative at SCAR



European Research Area

Part 1: SCAR under FP 6 and FP 7

- Objectives
- Tasks and Organisation
- Actions
- Outputs

Standing Committee on Agricultural Research

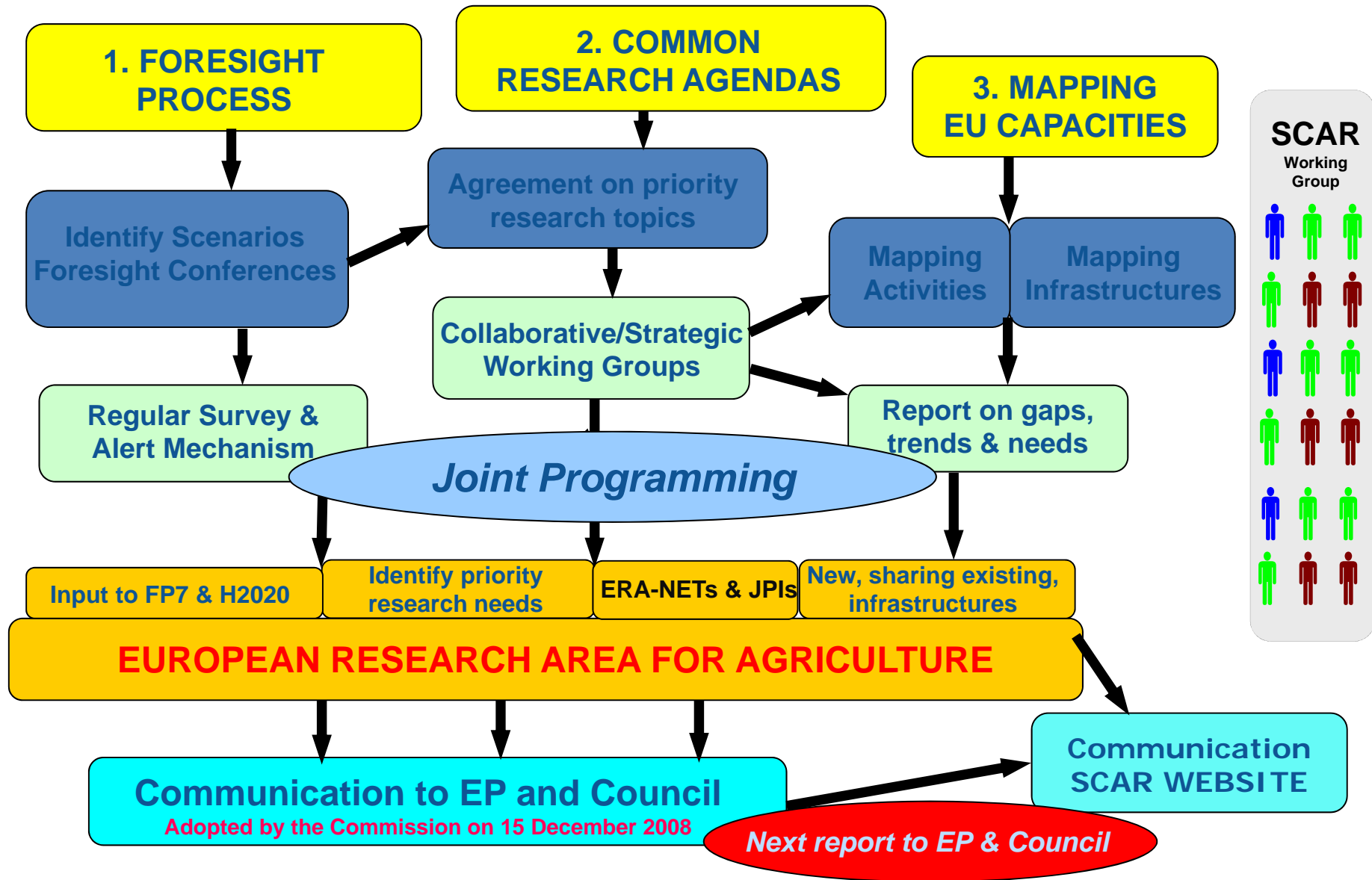
Main objectives of SCAR

Support the Member States (MS) and the Commission for better coordination of agricultural research across the ERA

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

Main tasks of SCAR

- Advisory function of SCAR for MS, COM and for innovative research activities on EU level
- 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 Foresight – Instrument for public research planning and public policy building**



10 YEARS OF SCAR 2004-2014

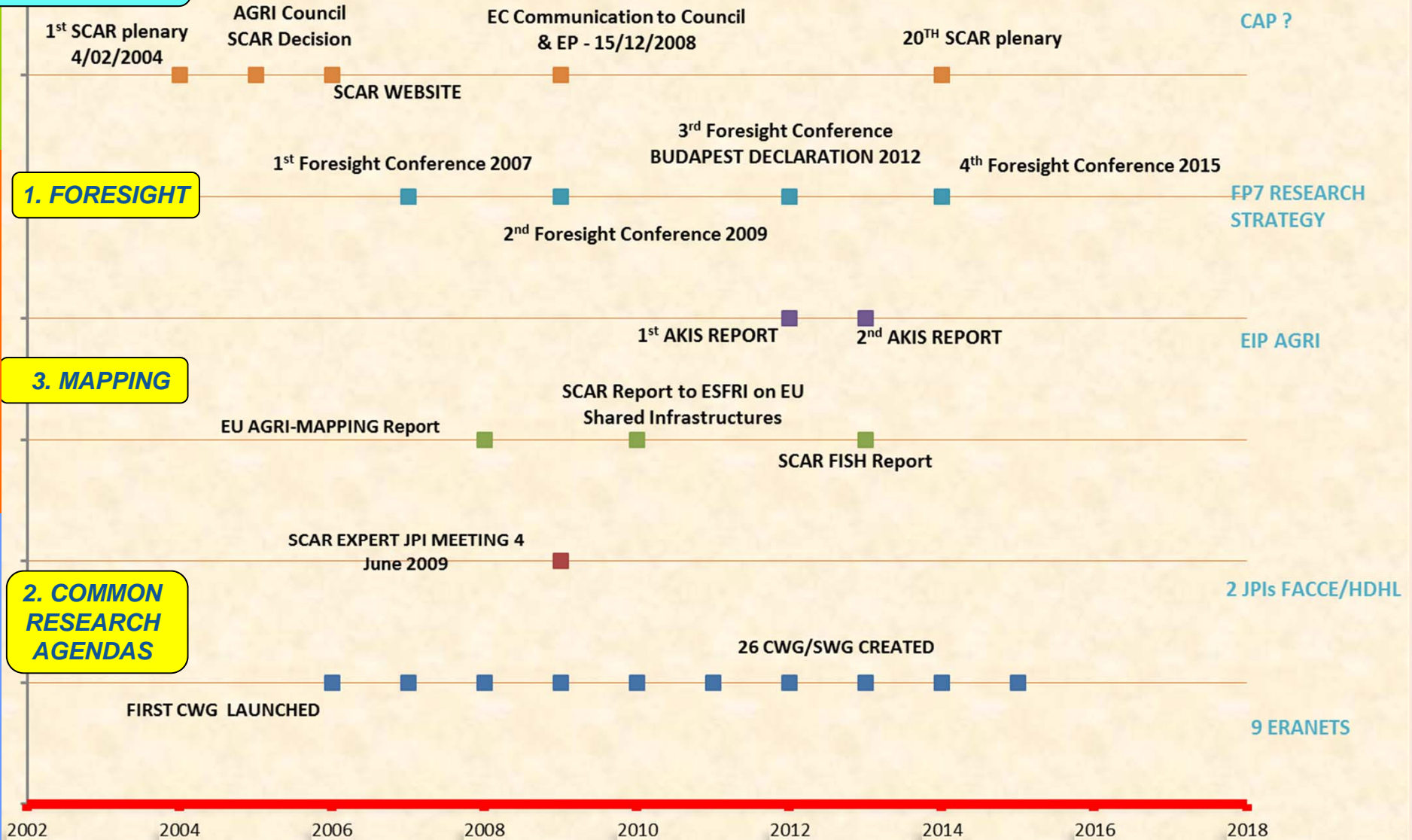
POLICY & COMMUNICATION

OUTPUTS

1. FORESIGHT

3. MAPPING

2. COMMON RESEARCH AGENDAS



SCAR CWG's and ERA-NETs

- The SCAR approaches the prioritization of research topics for further collaboration, through the establishment of Collaborative Working Groups (CWGs) and Strategic Working Groups (SWGs).
 - Explore needs of researches,
 - Identify possibilities of coordination in implementing a common agenda
 - 26 CWGs/SWGs have been set up by European countries
- The intention of the CWG's is often to develop into future ERA-NETs:
 - 9 of CWG's/SWG's became ERA-NETs
 - The ability of SCAR to launch new ERA-NETs is due to the fact that a number of members of SCAR at different levels are involved in the work of the KBBE ERA-NETs – either as coordinators or partners.

ERA-NETs and JPIs *in the Bioeconomy* Implementation strategy under FP7



European
Commission

2. COMMON RESEARCH AGENDAS

- 1 st call WP 2008	Animal Health Agricultural RTD in the Mediterranean	"EMIDA" "ARIMNet"	(SCAR input) (SCAR input)
- 2 nd call WP 2008	Rural areas and agriculture ICT and Robotics in Agro-Food Industries	"RURAGRI" "ICT-AGRI"	(SCAR input) (SCAR input)
- 3 rd call WP 2009	Agricultural Research for Development Organic food and farming systems	"ERA-ARD II" "CORE-ORGANIC II"	(follow-up FP6) (follow-up FP6)
- 4 th call WP 2010	Phytosanitary research	"EUPHRESKO II"	(follow-up FP6)
- 5 th call WP 2011	Molecular Plant Sciences Forest Research in the Mediterranean Animal health and welfare Sustainable food prod. & consumption Industrial Biotechnology Synthetic Biology	"ERACAPS" "FORESTERRA" "ANIHWA" "SUSFOOD" "ERA-IB II" "ERASynBio"	(follow-up FP6) (new) (SCAR input: EMIDA II) (SCAR input) (follow-up FP6) (KBBE-NET input)
	- CSA for "Agriculture, Food Security and Climate Change"	"FACCE" JPI	
	- CSA for "A Healthy Diet for a Healthy Life"	"HDHL" JPI	
	- CSA for Bioeconomy ERANETs networking	"PLATFORM"	
- 6 th call WP 2012	ERA-NET+ Innovation in forest sector Marine research on seafood chains Systems Biology	"WoodWisdom-Net+" "COFASP" "ERASysAPP"	(follow-up FP6) (follow-up FP6) (follow-up FP6)
- 7 th call WP 2013	Sust. Forest Mgt. and Multif. Forestry Integrated Pest Management (IPM) Mediterranean agriculture ICT & robotics for sustainable agriculture	"SUMFOREST" "C-IPM" "ARIMNet 2" "ICT-AGRI 2"	(SCAR input) (SCAR input) (SCAR input) (SCAR input)
	ERANET+ on Organic food & agriculture ERANET+ on Climate smart agriculture Marine biotechnology	"CORE-ORGANIC +" "FACCE+" "ERA-MBT"	(follow-up FP7) (new - JPI input) (new)

Part 2: SCAR under H2020

- **New ERA-NETs**
- **New role for SCAR ?**
 - **CWG/SWG**
 - **Foresight**
 - **Mapping**

ERA-NETS under H2020

1) ERA-NETs under Horizon 2020 will be implemented by using a specific, new type of action: the ERA-NET Cofund.

- The Cofund scheme co funds a single joint call for trans-national proposals
- In addition the consortium may decide to launch other joint activities including other joint calls without Union co-funding
- **The new ERA-NET CO FUND shifts the attention from the more strategic, analytical and networking activities in the previous ERA-NETs to focus more on call implementation.**

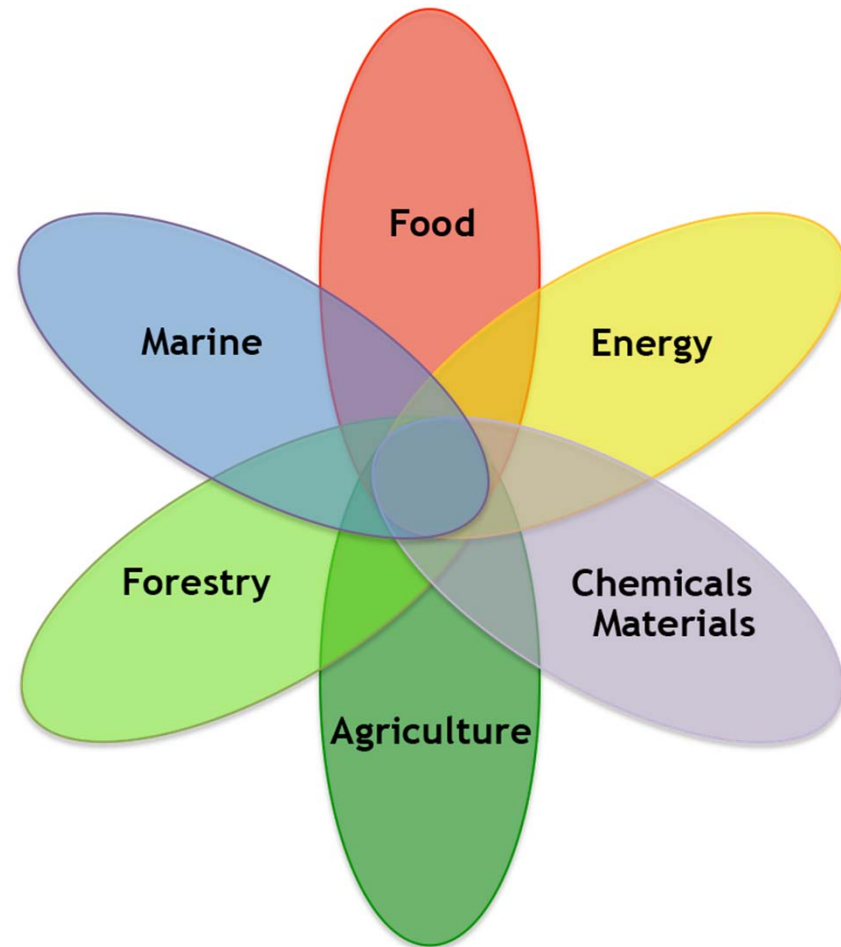
2) Within Horizon 2020, both DG RTD and DG AGRI are now in charge of research and innovation programming.

- **There is a need for a better balance between research that supports policy and impact-oriented research. Can this only be achieved through open calls?**

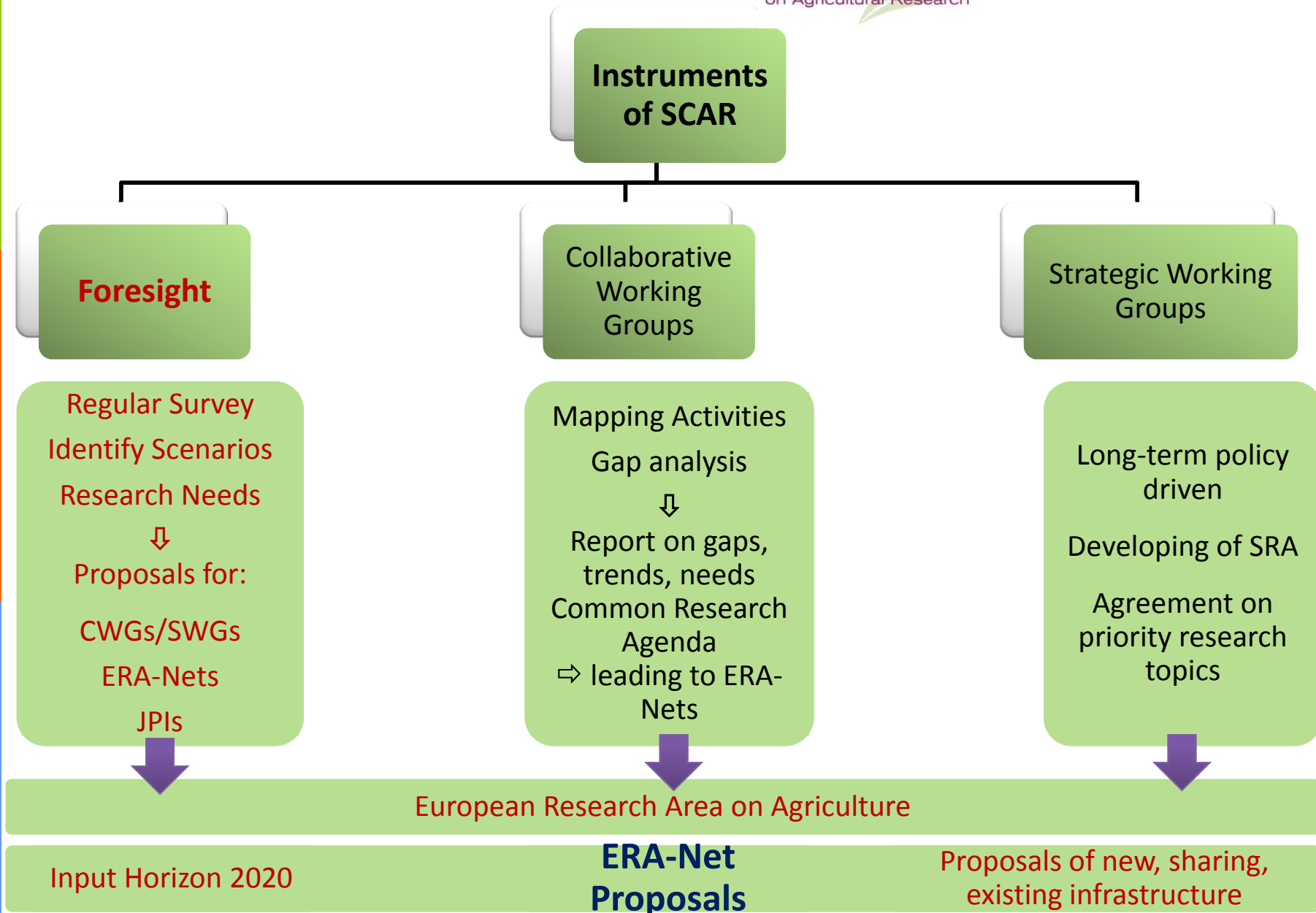
Bioeconomy: enlargement of the scope of SCAR

SCAR operates within the context of a supply and processing chain approach:

- Agricultural production – animal production and food, feed, fodder and fibre
- Food safety, food security, food confidence
- Fisheries and aquaculture
- Forestry
- Biomass for a biobased economy



- With a firm pan-European basis, SCAR has a complete overview of the activities of the bioeconomy, and this could be strengthened further within Horizon 2020 (e.g. in the Foresight and CWG's/SWG's)
- SCAR now covers all research for primary production (agriculture, forestry, fisheries and aquaculture), this is broader than the themes addressed by the FACCE and HDHL JPIs.
- **Therefore SCAR needs to be alert to coordination needs not covered by the two JPI's or other initiatives.**



- The broad range of areas covered (agriculture, forestry, aquaculture and maritime affairs) implies that SCAR is guided by both **long term and short term programming**
- **Alignment and interoperability of national research programmes** remains a main goal of SCAR; these efforts contribute significantly to structuring national research policy
- SCAR has an important role in **integrating research and public policies** (CAP but non only).
- **Mapping and Foresight exercises are strategic tools for coordination of policies and research, and for collective work. They have to be underpinned, improved, and more widely disseminated to research communities and MS/AC.**

Part 3: Invitation to the 4th Foresight Exercise

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

Towards the 4th SCAR Foresight Exercise

The three step approach

- 1. Defining the scope and structure of the Foresight exercise:** defining the field, identifying the main components and variables of the system; defining trade-offs and links between challenges (sustainability, competitiveness, jobs, innovation); developing a detailed workplan (meetings, workshops)
- 2. Accessing the knowledge reservoir** (e.g. With sectorial/ regional workshops) through interactions with SCAR SWGs/CWGs; JPIs, ERA-Nets assessing opportunities, risks, gaps.
- 3. Developing scenarios with a visionary outlook and long term perspective on changes induced by,** and the potential impact of innovation; identifying the consequences on research and innovation systems; recommending actions

Towards the 4th SCAR Foresight Exercise

Composition of Expert Group

- **“Long-term experts”** (approx. 5) with an expertise in foresight exercises who will be involved in all three steps and will be responsible for the management of the process and for the delivery of the final report
- **“Short term experts”** (approx 5) will support the “core” group in its interaction with the Working Groups (SCAR / other relevant groups) – understanding specific aspects of sectors and produce their own reports (parts) – step in in the 2. step
- **Advisors from CWGs / SWGs / ERA-Nets / JPIs – Representative members are invited as required**
- **The Foresight Group** - Overview function on behalf of the SCAR with respect to process and progress – reporting to SCAR plenary/WG

Approach / Phases

- Step 1: Purpose, definition, questions & criteria
- Step 2: Inventory (using fiches), Scoping, surveying and scanning, involvement of other groups
 - Scoping paper
 - Preparing fact sheets of variables
 - Definition of dilemmas
- Step 3: Analyze interactions & **generate dilemmas**
- Step 4: Produce scenarios

Next Steps

3 Workshops

October 2015 - March 2015

Involvement of Stakeholder Groups

- Workshop 1: Dilemmas and stakes – **18.11.2014**
- Workshop 2: Validate the knowledge base - **9.12.2014**
- Workshop 3: Scenarios – **17.02.2015**

Next Steps

First Workshop - Dilemmas and stakes

Actions in advance of the 1st Workshop

Asking for dilemmas

- Survey / questionnaire – involvement of stakeholders
- Involvement of stakeholders: Bioeconomy community, Horizon 2020, SCAR groups