

# Working together with the Standing Committee on Agricultural Research in shaping EU policies

**SCAR National Meeting in Poland  
14 November 2018**

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BIOEAST Secretary General**

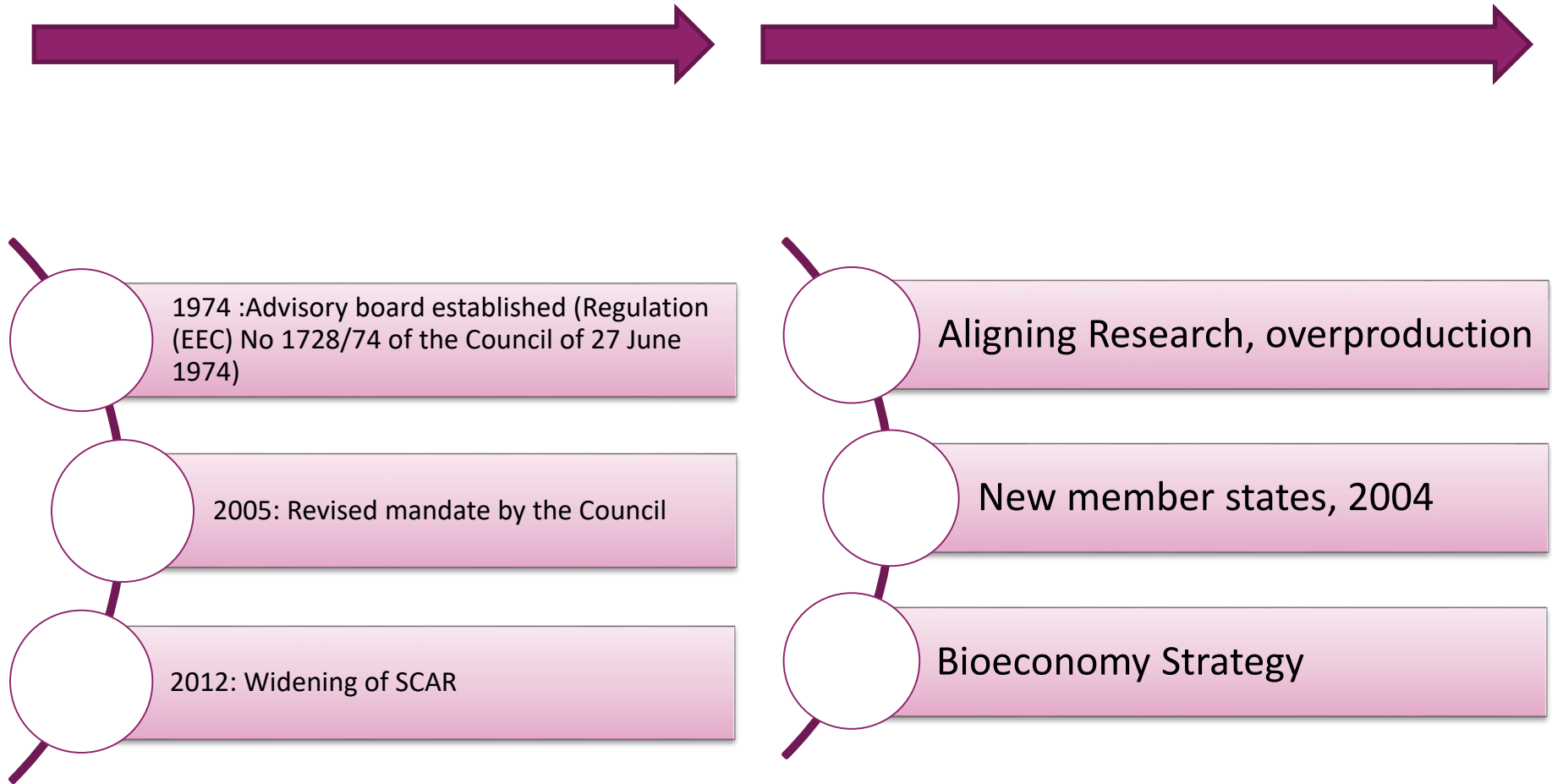


**EUROPEAN UNION**

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# SCAR

## Aligning research at European level



# SCAR Main Activities



**Better coordination of agricultural research in Europe**  
**Integrated European Research Area**

# Strategic Policy Advice

1. Coordinate and launch research programs between member states
2. Introduce and agree on the priority list of Partnerships (Member States co-financing with the EU)
3. Organize an annual conferences on key issues
4. Develop thematic and propose it for EU Research Framework programs
5. Support, advise, and to give opinion on EU policies:
  - Review of the Bioeconomy Strategy
  - FOOD2030,
  - Common Agricultural Policy
  - Common Fisheries Policy
  - Forest Strategy
  - Research Framework Programme

# Developing Common Research Agendas

Challenges in an evolving landscape –  
Alignment between National Programmes and EU  
Research and Innovation Framework Programme:

- Improved efficiency of investment in research at national and ERA levels
- Variable geometry approach
- SCAR as a knowledge hub on coordination and the changing coordination landscape
- Long-term sustainability of coordination mechanisms



# Common Research Agenda before 2014

Total call budget per theme [E uro million]	FP6 ERA-NET	FP7 ERA-NET	FP7 ERA-NET+	FP7 total	Total FP6/FP7
Energy	82,9	79,8	46,5	126,2	209,2
Environment	195,7	73,7	31,7	105,4	301,0
Fundamental Sciences	139,1	4,3	-	4,3	143,5
Health	168,5	376,2	-	376,2	544,7
ICT	-	59,4	50,6	110,0	110,0
INCO	4,2	108,0	13,8	121,8	126,0
Industrial Technologies/ SMEs	252,2	546,5	127,0	673,6	925,8
Infrastructures	-	3,5	-	3,5	3,5
KBBE	155,1	293,2	55,5	348,8	503,9
Security	-	-	-	-	-
SSH/SIS	10,3	16,0	81,8	97,8	108,1
TRANSPORT	43,3	79,7	31,6	111,3	154,6
	1.051,3	1.640,2	438,5	2.078,7	3.130,1

## Current and completed CWGs leading to ERA-Nets

Collaborative Working Group	Resulting ERA-Net or other collaborative mechanism
IPM for reduction of pesticide risks and use	ERA-Net C-IPM
Forest value chain in the light of climate change	ERA-Net SUMFOREST
Sustainable Food production for wealth, welfare and health	ERA-Net SUSFOOD
Risk research on GMOs	CSA prep action PreSto GMO
Coordinated research agenda for EU rural policy	ERA-Net RURAGRI
Agriculture and Sustainable Development	ERA-Net RURAGRI
ICT and robotics in agri-food industries	ERA-Net ICT-Agri
Mediterranean agriculture	ERA-Net ARIMNET
Animal Health and Welfare (on-going)	ERA-Nets EMIDA and ANIWHA; CSA STAR-IDAZ; CSA IRC Animal Health
Sustainable Animal Production (on-going)	ERA-Net SUSAN

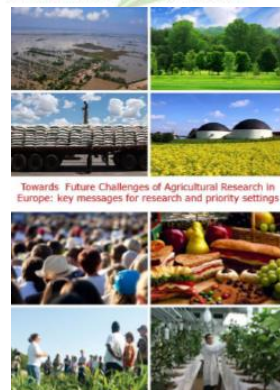
ERA-Net	Total value of calls (€millions)
EMIDA (Emerging and major infectious disease of livestock)	40
ERA-CAPs (Coordination action in plant sciences)	20
ERA-PG (Plant genomics)	54
RURAGRI (Sustainability and new relationships between rural areas and agriculture)	8.5
SAFEFOODERA (Food safety)	9.8
ARIMNET (Agricultural research in the Mediterranean area)	7
Core-ORGANIC (Organic agriculture)	22.8
EUPHRESCO (Phytosanitary research)	1.5
ICT- Agri (Coordination of ICT and robotics in agriculture)	9
SUSFOOD (Sustainable food production and consumption)	9.4
ERA-ARD (Agricultural research for development)	3.5
MARIFISH (Marine fisheries research)	4
WoodWisdom-Net	53
Eurotrans-Bio	174
Pathogenomics	46
ERA-IB2 (Deepened and enlarged European cooperation in the area of industrial biotechnology)	47



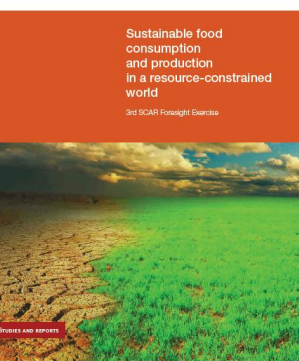
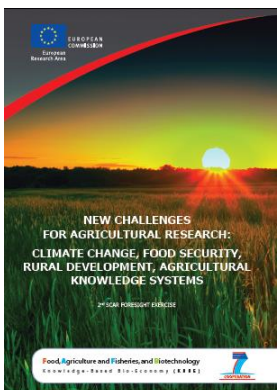


# European Agriculture/Bioeconomy coordination (funder) landscape 2005 - 2017

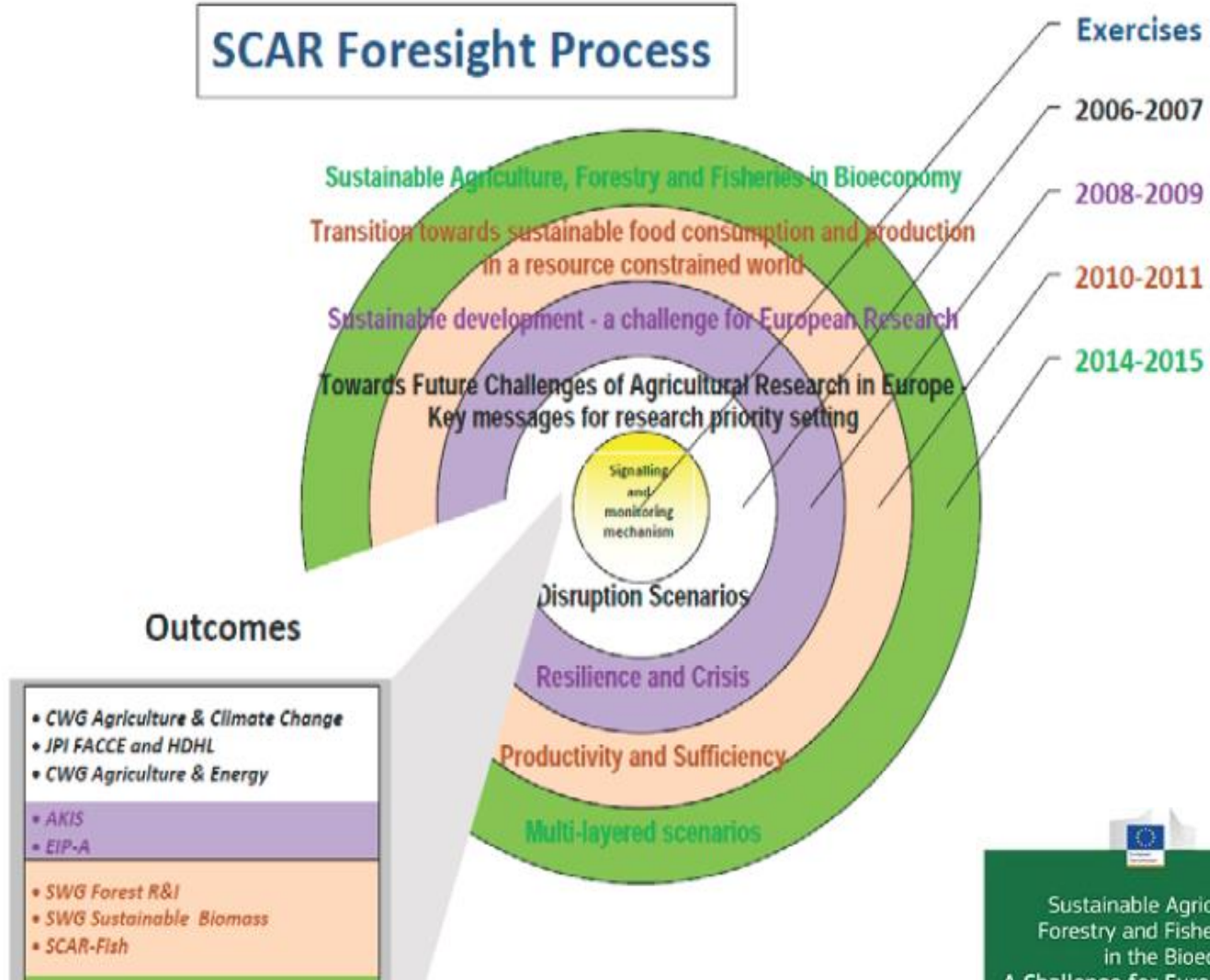




Towards Future Challenges of Agricultural Research in Europe: key messages for research and priority settings



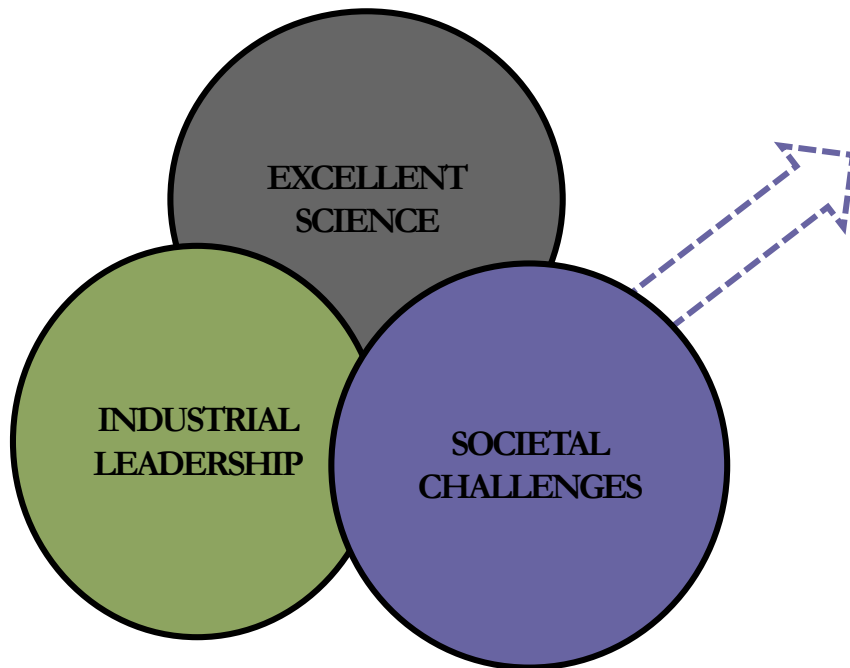
# SCAR Foresight Process



# Mapping Research Capacities

- In the frame of SWG and CWG

# Societal Challenge 2 in the Horizont 2020



1. Health, demographic change and wellbeing
- 2. Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the bioeconomy**
3. Secure, clean and efficient energy
4. Smart, green and integrated transport
5. Climate action, resource efficiency and raw materials
6. Inclusive, innovative and reflective societies
7. Secure societies

# Bioeconomy related R&I Budget in 2014-2020

**H2020 SC2**  
**3,8 billion Euro**

**JU BBI**  
**3.7 billion Euro**

**Joint initiatives  
with  
Member States  
(EraNETs, EJPs,  
etc.)**



# Horizon Europe (2020-2027)



## Pillar 1 Open Science

European Research Council

Marie Skłodowska-Curie Actions

Infrastructures



## Pillar 2 Global Challenges and Industrial Competitiveness

Clusters

- Health
- Inclusive and Secure Society
- Digital and Industry
- Climate, Energy and Mobility
- Food and natural resources

Joint Research Centre



## Pillar 3 Open Innovation

European Innovation Council

European innovation ecosystems

European Institute  
of Innovation and Technology

## Strengthening the European Research Area

Sharing excellence

Reforming and Enhancing the European R&I system



# Horizon 2020 and the Horizon Europe

1. Health, demographic change and wellbeing
- 2. Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the bioeconomy**
3. Secure, clean and efficient energy
4. Smart, green and integrated transport
5. Climate action, resource efficiency and raw materials
6. Inclusive, innovative and reflective societies
7. Secure societies

	Clusters
1	Health
2	Inclusive and Secure Society
3	Digital and Industry
4	Climate, Energy and Mobility
5	Bioeconomy, Food, raw materials and Environment

10 bn  
Euro?

# Working with SCAR

- Paradigm change in agriculture: challenged based, innovation based approaches
  - The basic research is less and less financed,
  - Sustainable bioeconomy, circular economy
  - Multi actor approaches, multi sectorial approaches
- It is a strategic forum between European Commission and Member States
  - Has a direct influence on the EU Research Framework programme, in strategic programming
  - Has an indirect influence on the acquis communautaire, on the development of the secondary legislation, impact assessments etc.
- It is the advisory body for the agricultural research and innovation and more broader sense for bioeconomy related issues
  - In one thematic group a member state can delegate several ministry representative to influence the decisions, and to benefit the information
  - The participation in SWG/CWG brings information from other countries practices
  - Role of foresight is key not just at EU level but also at national level.
- It is a major accelerant for the development of European Research Area
  - Aligning national programs, especially in the case of poor or not so developed programme more can be achieved together.
  - The Foresight can define the priority areas for the joint programming.

# Key messages

- There is a continuous discussion in the SCAR, with big interest to involve the not so active member states
- The "SCAR like" set-up and discussion should start at national level
- The national research and innovation policy should be built on long term cross sectorial strategic thinking which can be reflected during international discussions
- Lobbying for national priorities starts at SCAR Strategic and Collaborative Working group level
- Agricultural research policy should be embedded into the bigger frame (bioeconomy) in including all primary production sectors (aquaculture and forestry) and processing sectors (food, materials use and energy).

Thank you for your attention!

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