



Information on EIP, AKIS and Horizon Europe Cluster 6 Work Programme 2021-2022

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DG AGRI, Research and Innovation Unit

SWG SCAR AKIS webinar, 24 March 2021



1. EIP and AKIS

EIP networking continues online

EIP-AGRI workshop “Towards carbon neutral agriculture”

- 24-25 March 2021: aimed at promoting the adoption of carbon neutral farming practices that also bring other environmental benefits, such as increased biodiversity, both in the short and long term



EIP-AGRI seminar “Healthy soils for Europe: sustainable management through knowledge and practice”

- 13-14 April 2021: designed to raise awareness and address practical soil management challenges and solutions to enhance soil health.



EIP networking continues

- Newsletters
- Spreading OG news
- Publication of FG results 2020
- EIP Webinars 2021



Publications

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EIP-AGRI Focus Group Sustainable beef: Final report

This report presents the findings and conclusions of the EIP-AGRI Focus Group on Sustainable beef production systems. The main question guiding the discussions was: "How can grass-based beef production systems, based on agro-ecology principles, remain sustainable?"... [Read more](#)

Year of publication: 2021

Publication type: Report

Geographical scope: European Union

EIP-AGRI Report: Research needs from practice 2021

Many research results are translated into practical applications very slowly, or not at all. On the other hand, professionals such as farmers and foresters may have the impression that research does not meet their needs. Defining "research needs from practice" can help solve this, by facilitating... [Read more](#)

Year of publication: 2021

Publication type: Report

Geographical scope: European Union

EIP-AGRI Focus Group Sustainable industrial crops: Final report

Industrial crops can have many benefits, including carbon sequestration, displacement of fossil fuels, improving profit margins for farmers, and enhancing utilisation of marginal and contaminated land. They can also help farmers in the transition to organic and sustainable farming, as many crops... [Read more](#)

Year of publication: 2021

Publication type: Report

Geographical scope: European Union

Preparing the CAP Strategic plan

The role of innovation networking in the Member States



WHY?

- Raise awareness
- Develop common understanding of CAPNETs' "innovation strand"
- Help build capacity of national CAPNETs
- Exchange practical experience - mutual learning
- Harvest practical experience and make it available for all key actors in the MS

WHO?

- Managing Authorities
- NRNs
- Horizon NCPs,....

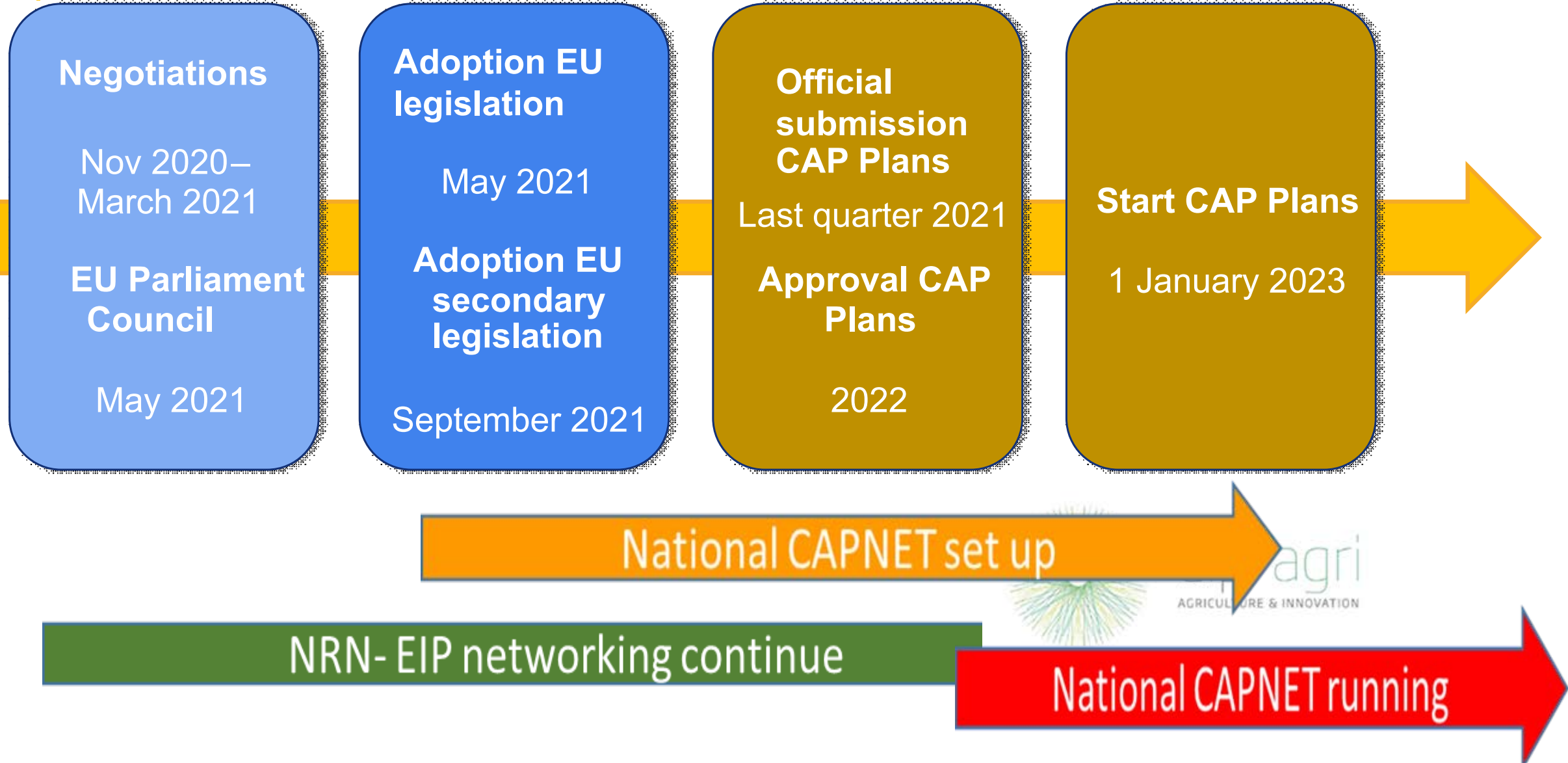


WHEN?

- 3 June
- 8 June
- 10 June
- (27 MS divided in 3 groups)



State of play CAP reform proposals – provisional timeline(2023-2027)



1. Practical themes to be discussed

What is the role of the CAP networks in AKIS coordination, for interacting with the AKIS coordination bodies?



Researchers

AKIS

Advisers



Farmer

at the centre of the integrated Agricultural Knowledge and Innovation System (AKIS) to support modernisation, innovation and knowledge flows

Education

Businesses



Organisations

Media



2. Practical themes to be discussed

How can CAP networks help facilitate the **effective integration of all advisors (public and private)** into the national AKIS?



AKIS



3. Practical themes to be discussed

- How can CAP networks support the **better functioning of new and existing Innovation Support Services** within the national AKIS, including ISS working at local / regional level?



4. Practical themes to be discussed

- What can CAP networks do to **create and strengthen linkages between Horizon Europe and EIP implementation at national level?**



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**Horizon
Europe**



5. Practical themes to be discussed

- What **support for the networking of Operational Groups** should CAP networks provide at national and crossborder level?

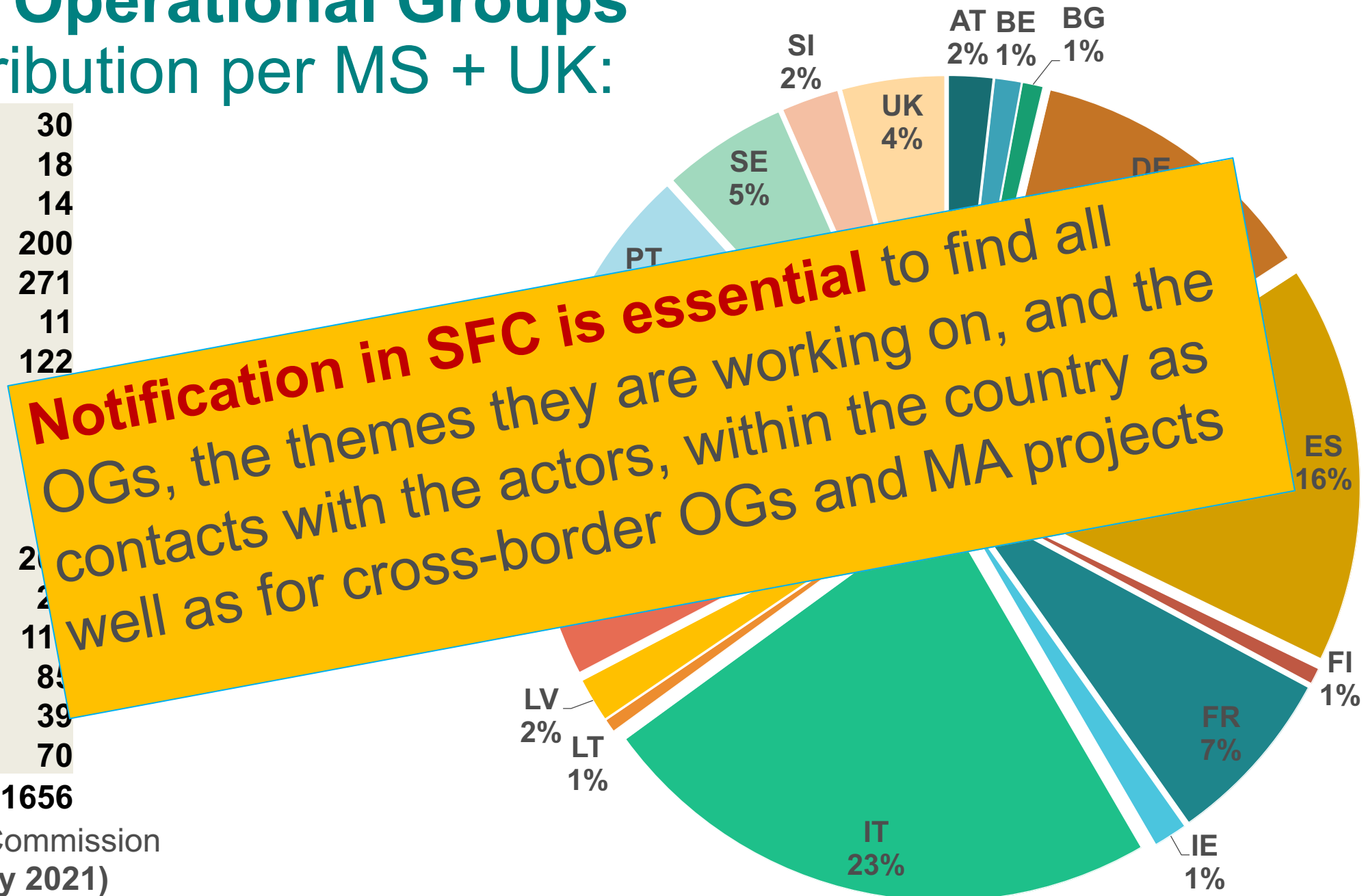


Future animation of EIP network at EU level

- Contract for Networking Activities in Support of the CAP
- One specific contract lot regarding networking for innovation and knowledge exchange
- Evaluation going smoothly, contract may possibly be signed by summer/September 2021
- 3 other lots: evaluation helpdesk, ENRD type, horizontal services

Over 2000 Operational Groups official distribution per MS + UK:

AT	30
BE	18
BG	14
DE	200
ES	271
FI	11
FR	122
IE	
IT	
LT	
LV	
NL	
PL	
PT	
SE	
SI	
UK	
Total	1656



Source: European Commission
SFC (15 January 2021)



2. CAP post 2020

CAP negotiations

- Trilogues ongoing (EP, Council, EC)
- **CAP Strategic Plans regulation:**
 - Cross-cutting objective (Art 5)
 - Farm Advisory Services (Art. 13)
 - **Cooperation (Art. 71) - *this afternoon***
 - **Knowledge exchange and information (Art. 72), including support for advice and training based on the AKIS strategy – *this afternoon***
 - **Modernisation: AKIS and digitalisation (Art. 102)**
 - **CAP networks (Art. 113)**
 - **EIP OGs (Art. 114)**
- **Indicative timeline for agreement: first semester 2021**
- CAP Strategic Plans to be submitted formally to the Commission by 1/1/2022

CAP post 2020 – AKIS, EIP, advice and innovation – state of play negotiations (1)

Council Working : AKIS related discussions finalised:

MS are overall happy with Commission proposal, including:

- Continuation of support for preparing and implementing OG innovative projects, as well as for EIP networking (Art 113,114)
- **Higher than normal EU co-funding** for OG projects (**up to 80%**), (OGs in average 150-200.000 euro)
- Possibility of **advance payments** for OG projects (**up to 50%**)
- **Principles of interactive innovation now explicit in regulation** (as in 2014 EIP guidelines):
 - 1) focus on practical farmers' needs
 - 2) co-creation and co-decision all along the project
 - 3) complementary knowledge in the OG necessary: farmers' involvement is key

(Idem Horizon 2020 WP page 11-13, and Horizon Europe)

=> Do not underestimate the entrepreneurial creativity of farmers in OG projects for innovation, e.g. IE example of an OG testing and preparing an Agri-Environmental measure (AKIS report: see  page 63)

CAP post 2020 – AKIS, EIP, advice and innovation – state of play negotiations (2)

- Obligation to integrate and **update advisors' competences through connections within the AKIS** (Art 13), e.g. on up-to-date R&I and economic, ecological and social domains
- **Obligation and funding to provide innovation support** (Art 13)
- Broad CAP support for almost **any type of knowledge exchange and advice** (Art 72)
↔ limitations in former FAS, as well as in Art 15 advisory support in current RD regulation

A number of further improvements since June 1018:

Art 3: definition of AKIS

Art 72: **coherence**: linking the support for knowledge exchange & advice with AKIS strategies

Art 114: introduction of **funding cross-border OG projects** (as from the start)

Art 113: introduction of the **possibility for existing OGs to cooperate**,

funded by Technical Assistance or Art 72 => CROSS-FERTILISATION

European Parliament: compromise amendments voted on 2/4/2019: no substantial changes

New Parliament: positive, no substantial changes

EU's long-term vision for rural areas

- « Rural vision week » ongoing 22-26 March 2021
- Our newly produced **Results Pack on Rural Innovation: Developing real solutions for smart and resilient rural areas in Europe** is now live on **CORDIS** and ready to be shared with the world.
- It features **9 projects (+ 1 that is under preparation)** that have contributed somehow to the **EU's long-term vision for rural areas**.
- The full brochure in PDF and a postcard are being prepared and will be linked to the webpage for sharing. A social media campaign is being coordinated with several services
- <https://cordis.europa.eu/article/id/428970-rural-innovation-developing-real-solutions-for-smart-and-resilient-rural-areas-in-europe>

Public hearing on Enabling innovation for sustainable agriculture

PUBLIC HEARING
COMMITTEE ON AGRICULTURE
AND RURAL DEVELOPMENT
With the participation of ENVI
and JURI Committees

Tuesday 16.03.2021 – 13:45-15:45

PAUL-HENRI SPAAK BUILDING, ROOM 1A2 & REMOTE CONNECTION

The public hearing will be webstreamed and can be followed live via the webpage
<https://www.europarl.europa.eu/committees/en/agri/meetings/webstreaming>

Enabling INNOVATION
for SUSTAINABLE
AGRICULTURE

Chair:
Norbert LINS (AGRI)

The poster features a hand holding a smartphone displaying a network of agricultural icons (wheat, drone, people, sun, insects) over a green field background. The European Parliament logo is in the top right corner.

- Organised by the European Parliament's Committee on Agriculture and Rural Development, with the participation of ENVI and JURI
- Academics, civil society and practitioners discussed with Committee Members and the European Commission about different aspects of innovation both in animal and plant production
- Both technological as well as social innovation as means to increase the sustainability of European agriculture were addressed



2. Horizon Europe

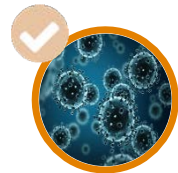
Green Deal & F2F targets: R&I are key enablers...



-50%



-50%



-50%



25%



+10%



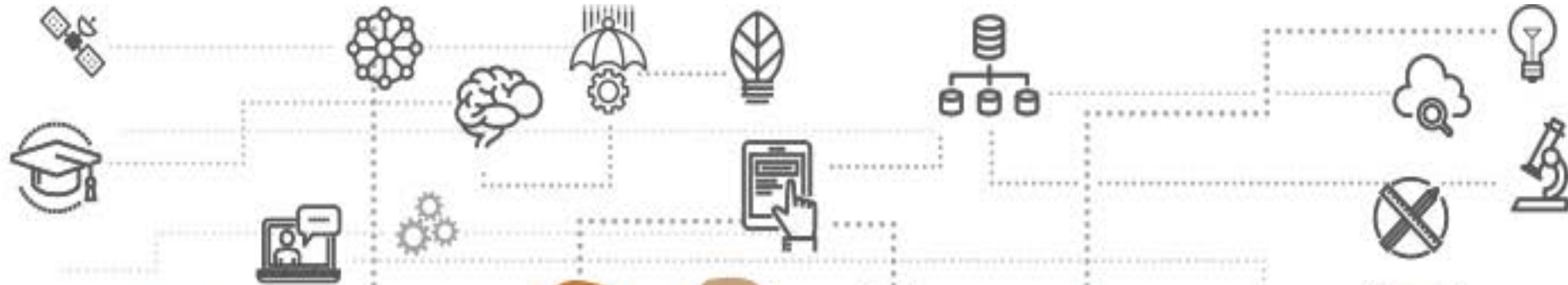
+3 bln



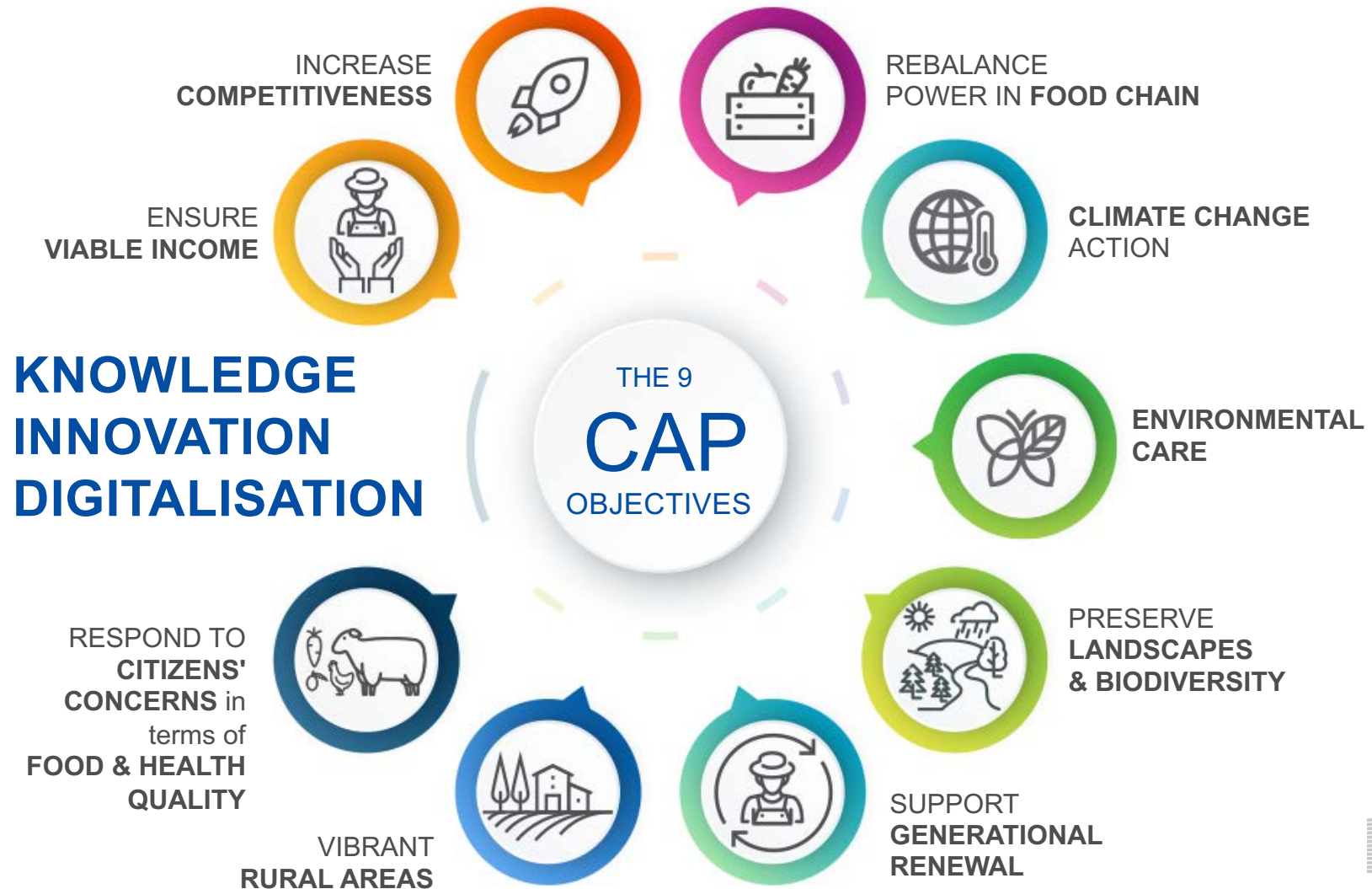
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100%



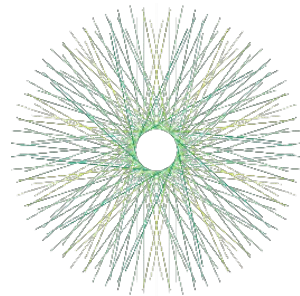
...cross-cutting objective in the future CAP



From strategy to action: working in close synergy

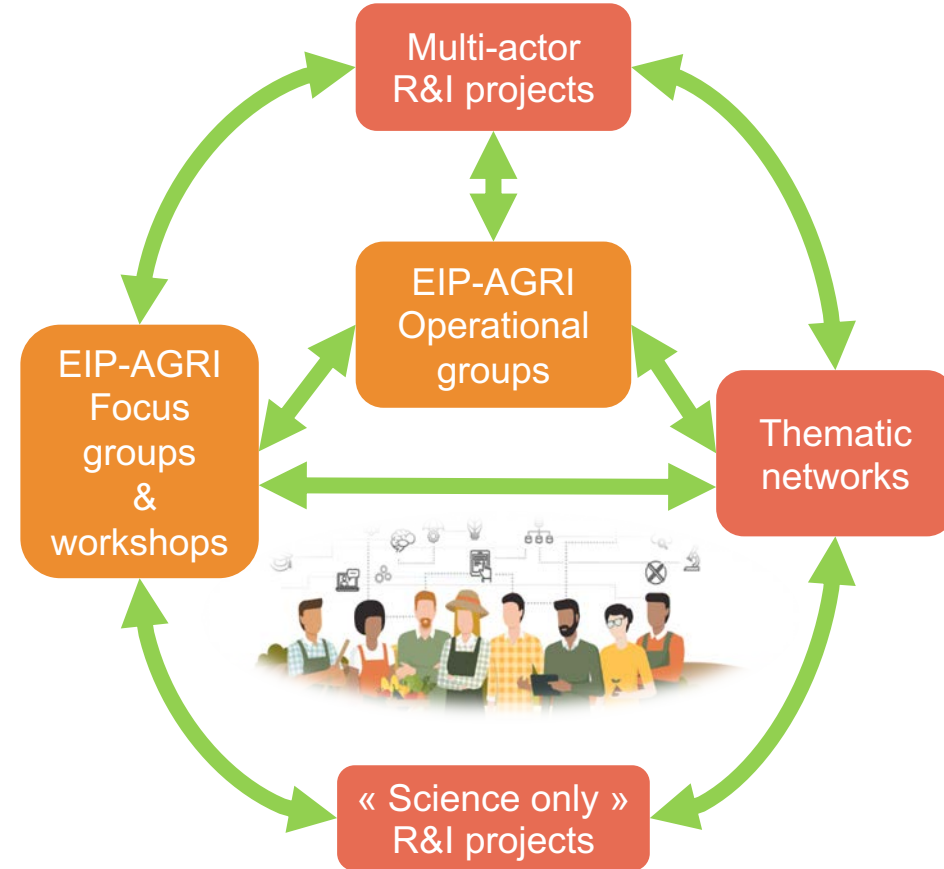


CAP



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Horizon 2020



2014

2016

Today

From strategy to action: achievements so far



- ✓ **315 projects** – EUR 1,9 billion under Horizon 2020
- ✓ **190 H2020 multi-actor projects** (EUR 1 billion), including **34 thematic networks**; 50% newcomers
- ✓ 27 Member States implementing the EIP; over **2000** out of 3200 **OGs** already running
- ✓ A growing and thriving **network** and increasing volume of practice-oriented knowledge and innovations: **challenge to manage interaction, communication and dissemination**



2014

2016

Today

Time to step up the efforts!



...by 2030 = 9 years = 9 growing seasons...

Horizon Europe: structure & resources

Pillar 1 Excellent Science



European Research Council

Marie Skłodowska-Curie
Actions

Research Infrastructures



Pillar 2 Global Challenges and European Industrial Competitiveness

Clusters

- Health
- Culture, Creativity and Inclusive Society
- Civil Security for Society
- Digital, Industry and Space
- Climate, Energy and Mobility
- Food, Bioeconomy, Natural Resources, Agriculture and Environment



Pillar 3 Innovative Europe

European Innovation Council

European innovation
ecosystems

European Institute of
Innovation
and Technology

Widening Participation and Strengthening the European Research Area

Widening participation and spreading excellence

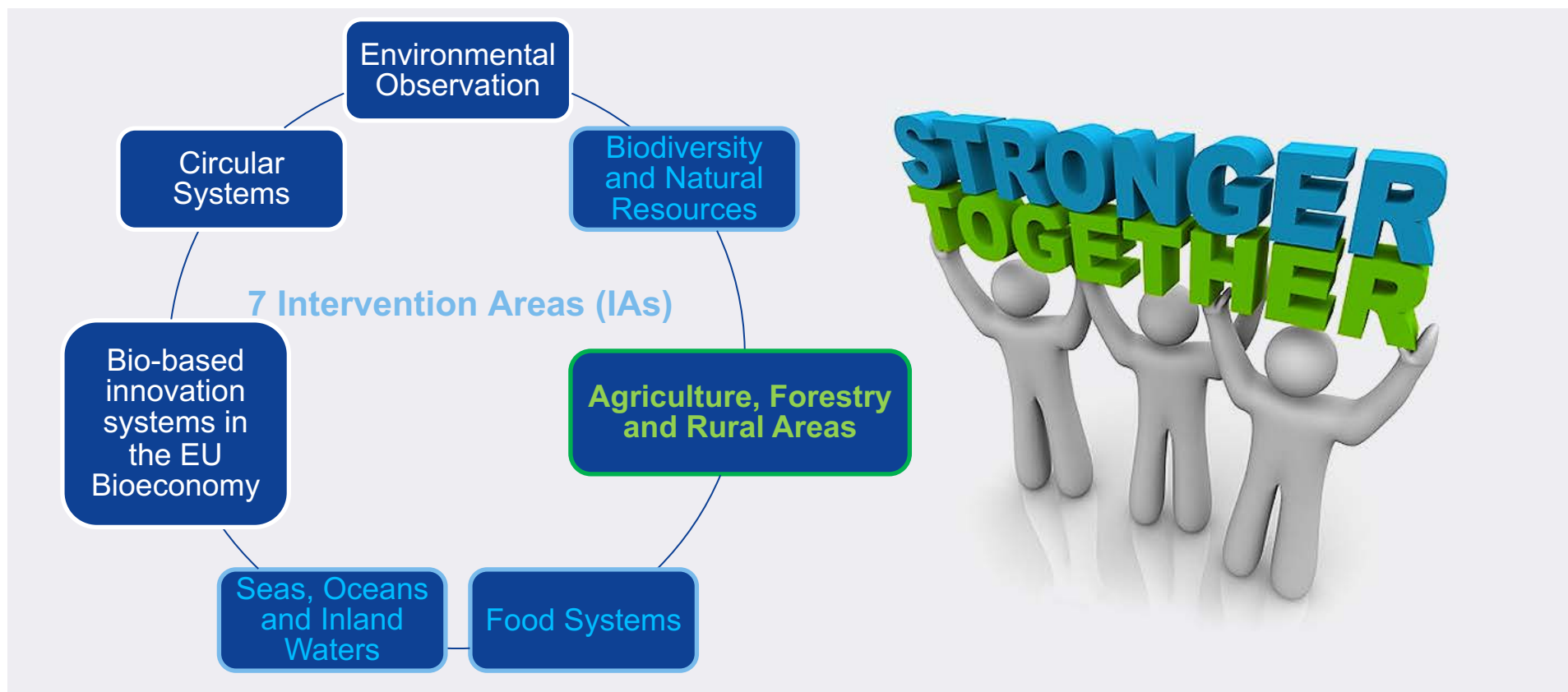
Reforming and Enhancing the European R&I system

EUR 9 billion under Horizon Europe
for Cluster 6 “Food, Bioeconomy, Natural Resources, Agriculture and Environment”



Cluster 6: structure & co-creation

We work with...

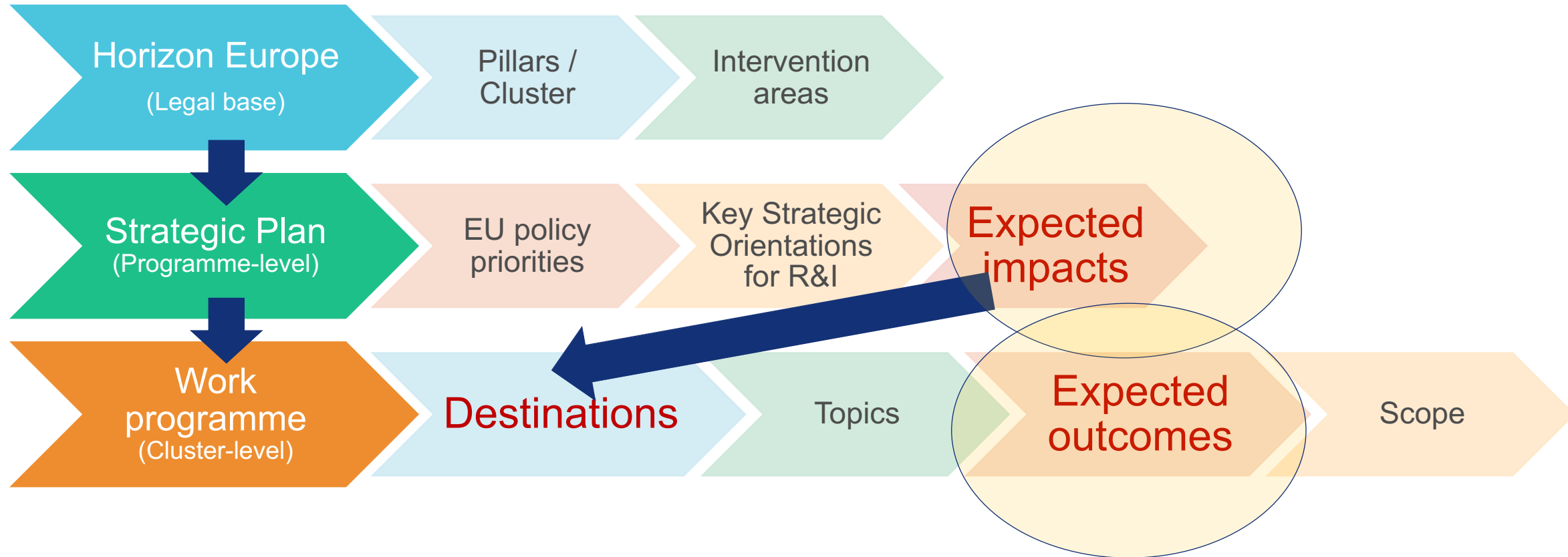


...and across clusters



European
Commission

Horizon Europe: intervention logic



Expected impacts shape the WP destinations

Strategic Plan

Work Programme

Impact 1 Climate neutrality and adaptation to climate change

Destination: Land, oceans and water for climate action

Impact 2 Preservation of biodiversity and ecosystems

Destination: Biodiversity and ecosystem services

Impact 3 Sustainable use of natural resources: water, soil, air and marine resources

Destination: Circular economy and bioeconomy sectors, climate change mitigation and zero pollution

Impact 4 Food and nutrition security, sustainable food systems and rural development

Destination: Sustainable and environmentally-friendly food production to consumption

Impact 5: Balance of rural, coastal and urban territories

Destination: Inclusive, healthy and green rural, coastal and urban territories

Impact 6: Innovative governance models enabling digital, social, economic, environmental sustainability, environmental observation and digital solutions

Destination: Innovative governance, environmental observations and digital solutions in support of the Green Deal

Agriculture, Forestry and Rural Areas



Key R&I priorities for agriculture, forestry and rural areas



Destination 1 Biodiversity and ecosystem services

- Fostering **breeding** of **organic** crops, legumes and root-base traits
- Protection and sustainable management of **forest genetic resources**



Destination 2 Sustainable food systems from farm to fork

- Unlocking the potential of **agroecological approaches**
- Developing **vaccines** and **diagnostics** for priority animal diseases; enhancing **animal welfare**
- **Digital technologies** as enablers for small farms



Destination 3 Circular and bioeconomy

- Mainstreaming inclusive **small-scale bio-based solutions** in rural areas
- Harnessing the **digital revolution** in the **forest-based** sector



Key R&I priorities for agriculture, forestry and rural areas



Destination 4 Clean environment and zero pollution

- Optimization of **nutrient budget** in agriculture and enhancing **nature-based solutions** for nutrient management



Destination 5 Land, oceans and water for climate action

- **Demonstration** network on **climate-smart farming**
- **Unlocking the potential of agroecological approaches**, including **agroforestry**, to climate action
- **Observatories** on climate change impacts on and **enhancing resilience** of agriculture and of forestry



Destination 6 Resilient, inclusive, healthy and green rural communities

- Strengthening **evidence for tailored policies** enhancing rural communities' contribution to ecological, digital and social transitions
- **Smart solutions for smart rural communities**



Key R&I priorities for agriculture, forestry and rural areas

Destination 7 Governance, environmental observations and digital solutions in support of the Green Deal:



- **Innovative tools and methods to support effective CAP Strategic Plans**
- EU agriculture within a **safe and just operating space**
- **Risks and benefits of digitalisation** as enabler for sustainable agriculture
- **An EU-wide interactive knowledge reservoir**
- **Thematic & advisory networks**



Boosting implementation



- **Multi-actor approach:** strengthened and streamlined throughout the whole Cluster 6



- In their CAP Strategic Plans, Member States will need to scale up support for **EIP-AGRI** and **AKIS**, and strengthen resources to develop and maintain appropriate **advisory services** needed to achieve the Green Deal objectives and targets.

Leaving space for new approaches

Adaptation to climate change,
including societal transformation

Agriculture, Forestry
and Rural Areas

Soil health
and food



Mission
areas



Cancer

Climate-neutral
and smart cities



Healthy oceans,
seas, coastal
and inland waters

Encouraging synergies within the EU and globally



- Next Work Programme 2023-2024: **large-scale R&I partnerships** with the Member States and Associated Countries
 - **Animal health and welfare**
 - **Agriculture of data**
 - **Agro-ecology living labs and research infrastructure**
- Circular Bio-based Europe (CBE) → more attention for primary producers

- EU-Africa R&I Partnership on Food and Nutrition Security and Sustainable Agriculture (FNSSA) and EU-China FAB
- International research consortia (IRC):
 - Star Idaz on animal health
 - a new IRC in the area of soil and carbon
- Cooperation with the Global Research Alliance on Agriculture Greenhouse Gases (GRA)



Indicative timeline

Strategic Plan
2021 - 2024

- Mid-March 2021: adoption

Work Programme
2021-2022

- Until 26 March 2021: inter-service consultations
- Beginning of May 2021: adoption
- 26-28 May 2021: Cluster 6 Info Days
- end June 2021: R&I Days

EUROPEAN
RESEARCH &
INNOVATION
DAYS

23 → 24
JUNE 2021

DIGITAL EVENT



#RiDaysEU





4. SCAR SWG support

Future animation of SCAR Strategic Working Groups (SWG) – tender published

- The subject of this call for tenders is to provide strategic analysis and support for enhanced research cooperation in agriculture and food
- The services are specific to support the different Working Groups , notably the Strategic Working Groups (SWGs), the Collaborative Working Groups (CWGs) and the Foresight Group
- **Main tasks:**
 1. **Portfolio Analysis of research and innovation projects** at national, regional and EU level in the domain of the Working Groups, in preparation of the meetings
 2. **Support to the different SCAR Working Groups:**
 - for the organization of all Working Group meetings
 - communication and support tasks to the different Working Groups (minutes, ppts,...)

Future animation of SCAR Strategic Working Groups (SWG) – tender published

1 coordinator + at least 8 experts in the fields of the SWGs:

- One expert in agricultural knowledge and innovation systems (SWG SCAR AKIS),
- One expert in food systems, including nutrition, dietary shifts, food losses and waste, value chains and consumers/citizens aspects ,
- One expert in fisheries and aquaculture,
- One expert in agroecology,
- One expert in bioeconomy,
- One expert in forestry systems, including agroforestry aspects,
- One expert in sustainable animal production and health,
- One expert in global challenges linked to agriculture and food systems including environment, climate and biodiversity related aspects and EU- Africa challenges.

Future animation of SCAR Strategic Working Groups (SWG) – tender published

- Contract for Networking Activities in Support of the SCAR SWGs, including preparation of portfolios of interesting projects on the subjects of the groups
- The procurement documents are publicly available for download at: <https://etendering.ted.europa.eu/cft/cft-display.html?cftId=7758>
- The contract notice is available at the OJ <https://ted.europa.eu/udl?uri=TED:NOTICE:129748-2021:TEXT:EN:HTML>
- The **deadline** for submission of tenders is **03/05/2021 16:00**.
- Date of signature of contract is foreseen by July 2021
- Possible continuation for 5 years in total

Questions?



Thank you for your attention