

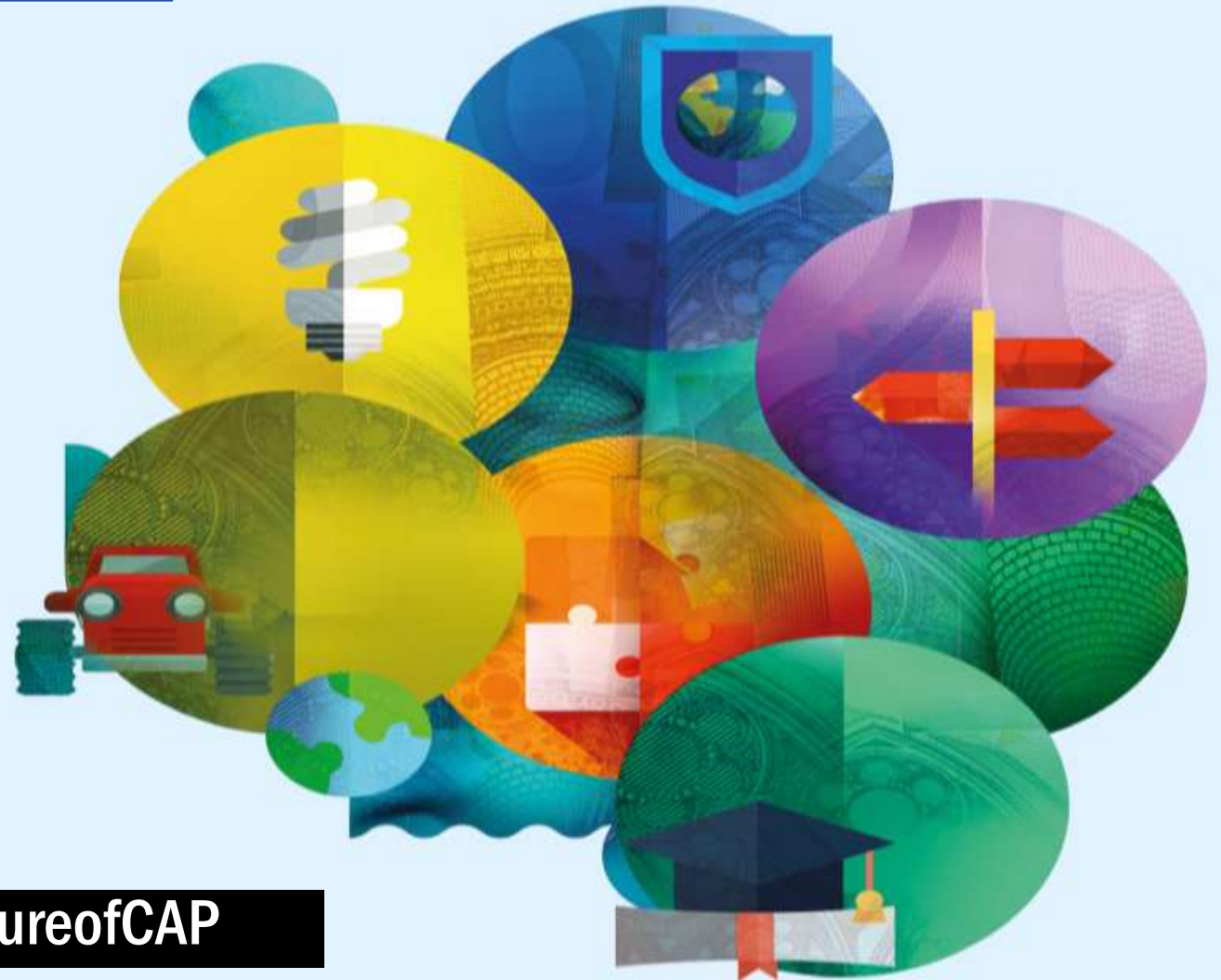
COMMON AGRICULTURAL POLICY

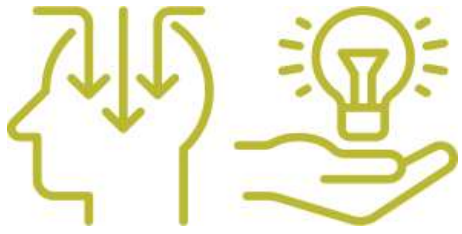
Post-2020

***CAP Strategic Plans post 2020:
Collaboration for sustainable
agriculture: current
developments from the
European Commission***

Inge Van Oost - DG AGRI
Unit B2 – Research & Innovation
3 March 2021 - Teagasc

#FutureofCAP





The AKIS at the heart of the agricultural innovation ecosystem

What is an Agricultural Knowledge and Innovation System (AKIS)?

What: AKIS is the organisation and interaction of persons, organisations and institutions who **use** and **produce knowledge and innovation** for agriculture **and interrelated fields**. (def)

Who: The main players of the AKIS are: farmers/foresters, advisors, researchers, (farmer) organisations, NGOs, networks, retailers, media, services, various ministries...: they all produce and need knowledge!

Why: The aim is to create a **regional/national innovation ecosystem** by enhancing **knowledge flows** between the AKIS players as well as strengthening links between research and practice.

Brief "What is AKIS": https://ec.europa.eu/info/sites/info/files/food-farming-fisheries/key_policies/documents/building-stronger-akis_en.pdf

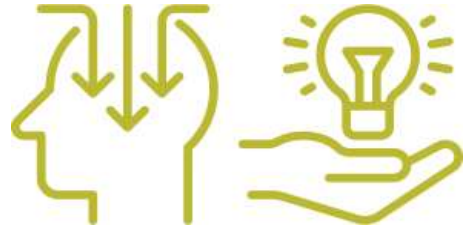
AKIS at the heart of the agricultural innovation ecosystem =>

Cross-cutting CAP support to Systematically share

Knowledge and Innovation in Agriculture and rural areas

including **in whatever farming and rural activities**

automatically relate to (= landscape, environment, climate, biodiversity, consumers and citizens, food and non-food systems including transformation and distribution chains, etc)



Where does the AKIS policy come from?

In their 2008 declaration, the researchers of the Standing Committee of Agricultural Research (SCAR) stated that the classical linear research model does not function anymore to have real impact in the field. The current CAP AKIS policy and potential interventions can make use of the current formats and experiences from MS. Experts from about 24 MS from the SCAR Strategic Working Group collected this in the AKIS4 report, and based it on their discussions and own practical experiences. In the report much about AKIS in all its aspects is explained and a long series of possible types of interventions and concrete examples given. The report is available on the Europa "Future CAP" website and is called "Report: preparing for future AKIS in Europe". You can download it here: <https://ec.europa.eu/info/food-farming-fisheries/key-policies/common-agricultural-policy/future-cap#innovation> or ask to you a paper copy

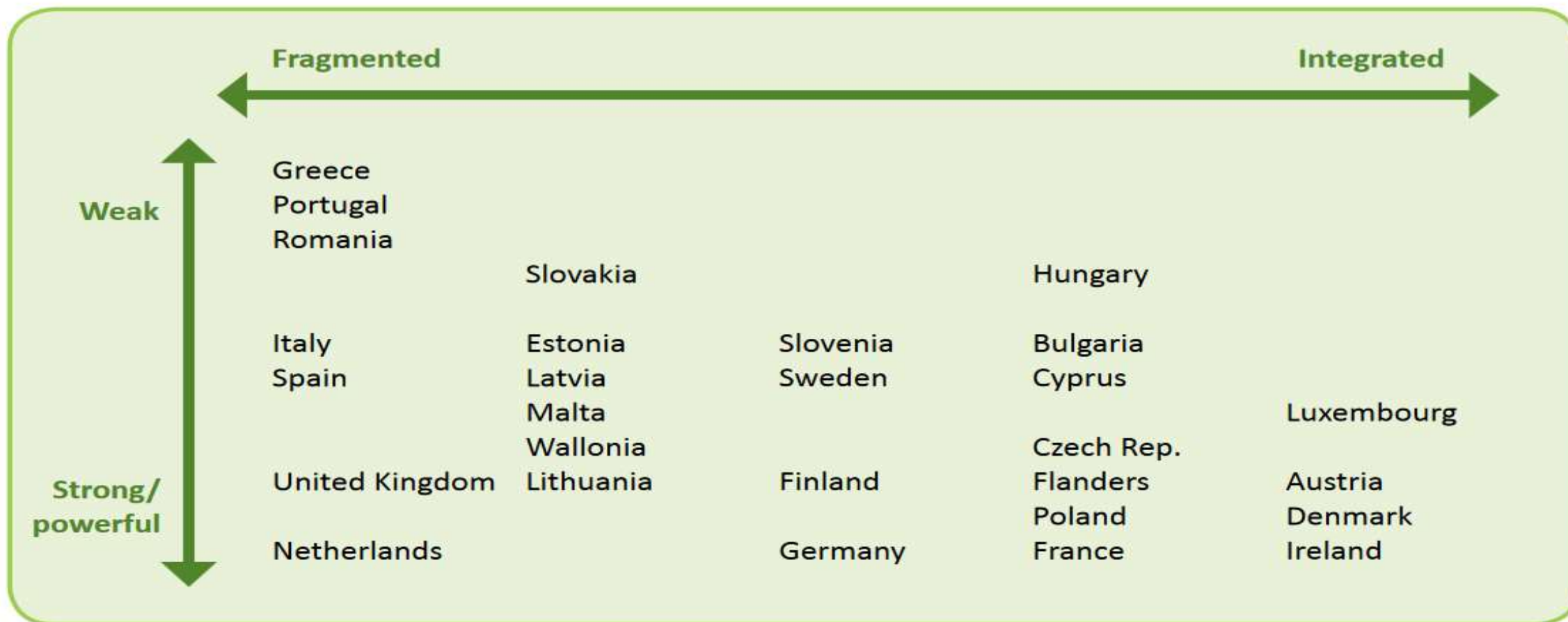
WHY AKIS? A reinforced AKIS integrates all AKIS actors and ensures knowledge flows inside MS & across border



AKIS coordination and structuring will bring actors together on a structured and regular basis, creating continuous interaction to speed up knowledge exchange, knowledge flows, innovation and most of all: implementation in practice (=> Cross-Cutting Objective on « Modernisation »)

PROAKIS study: Characterising MS' AKIS

An overview (as of 2014)



The EIP-AGRI in short



- 2010: European Innovation Partnerships want to speed up innovation through **cooperation and linking** existing policies and instruments
- EIP "Agricultural productivity and sustainability" launched in 2012: "more and better from less", "ideas put into practice with success", impact by end-users becoming "actors" and motivated
- The EIP-AGRI applies an overarching "*Open innovation*" concept based on the **interactive innovation model** (applied in RD Operational Groups and H2020 Multi-Actor projects):

Collaboration between various actors to make **best use of complementary types of knowledge** (scientific, practical, organisational, etc) in view of **co-creation** and diffusion of solutions/opportunities **ready to implement in practice.**

- **EU wide EIP network** linking actors: communication, partnering, dissemination, knowledge flows and collecting practice needs (*Open science*)

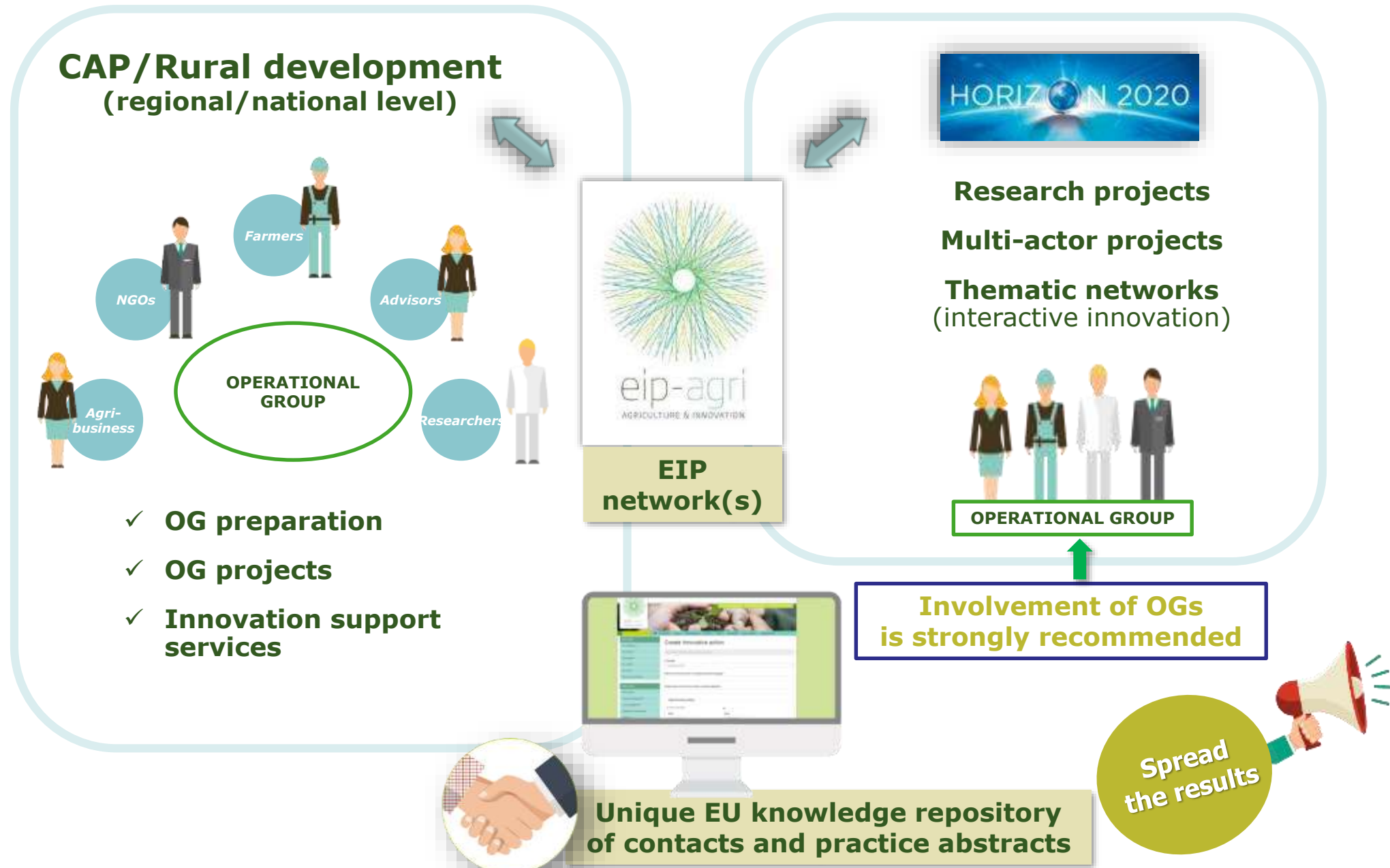
Interactive innovation: **Cross-fertilisation** is key for tackling complex challenges and developing opportunities for innovation

Du choc des idées jaillit la lumière

Nicolas Boileau, french philosopher, 17th century

- > **Enlightenment comes when views collide**
 - > From the clash of opposing minds, new ideas arise

Connecting policies: the bigger EIP picture



Agriculture will be more and more knowledge-intensive



EIP-AGRI – What did we achieve?

- ✓ 26(27) Member States, 98 rural development programmes implementing EIP Operational Group “innovative projects”
- ✓ Around 3 200 OGs planned in 2014-2020; more than more than 2000 OGs already running or finished (still 5 years to go)
- ✓ 190 multi-actor projects under Horizon 2020 (two thirds of total projects) for 1 bio Euro
- ✓ A growing and thriving network

An increasing volume of practice-oriented knowledge !



www.eip-agri.eu



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From EIP-AGRI 2014-2020 to AKIS Strategic Plans post 2020 & Green Deal relevance: What is changing?



Provisions on modernisation in the CAP Strategic Plan Regulation post 2020

Funding innovative projects.....

.....will now be supported by a whole innovation ecosystem systematically interlinking people and projects (AKIS)



THE 9 COMMON OBJECTIVES

INCREASE COMPETITIVENESS



ENSURE
VIABLE INCOME



REBALANCE
POWER IN FOOD CHAIN



CLIMATE CHANGE
ACTION



ENVIRONMENTAL
CARE



PRESERVE
LANDSCAPES
& BIODIVERSITY



SUPPORT
GENERATIONAL RENEWAL



VIBRANT
RURAL AREAS



RESPOND TO CITIZENS'
CONCERNS in terms of
FOOD & HEALTH
QUALITY



THE 9
CAP
OBJECTIVES

**Cross-cutting objective KNOWLEDGE
& INNOVATION**

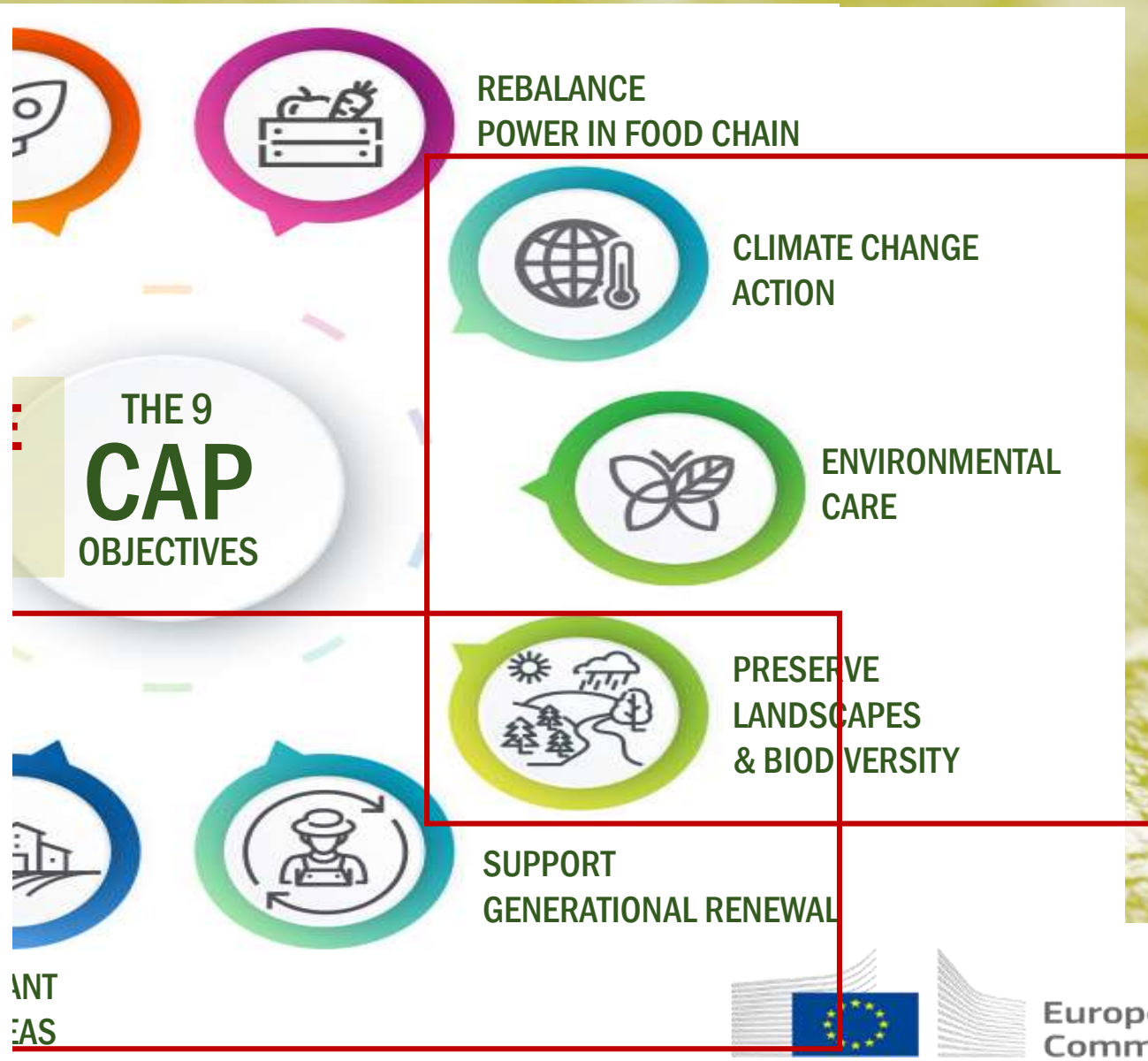


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THE 9 SPECIFIC OBJECTIVES **APPLICABLE FOR ALL EIP OGs**

- **Continuation of support for preparing and implementing OG innovative projects, as well as for EIP networking (Art 113,114), contributing to ALL 9 specific objectives, including the Green Deal and the Farm-To-Fork Strategy**



AKIS in CAP Strategic Plans (Art.102 - modernisation)

The CAP Strategic Plans shall contain:

1.Their contribution to the cross-cutting general objective related to fostering and sharing of knowledge, innovation and digitalisation, notably by describing:

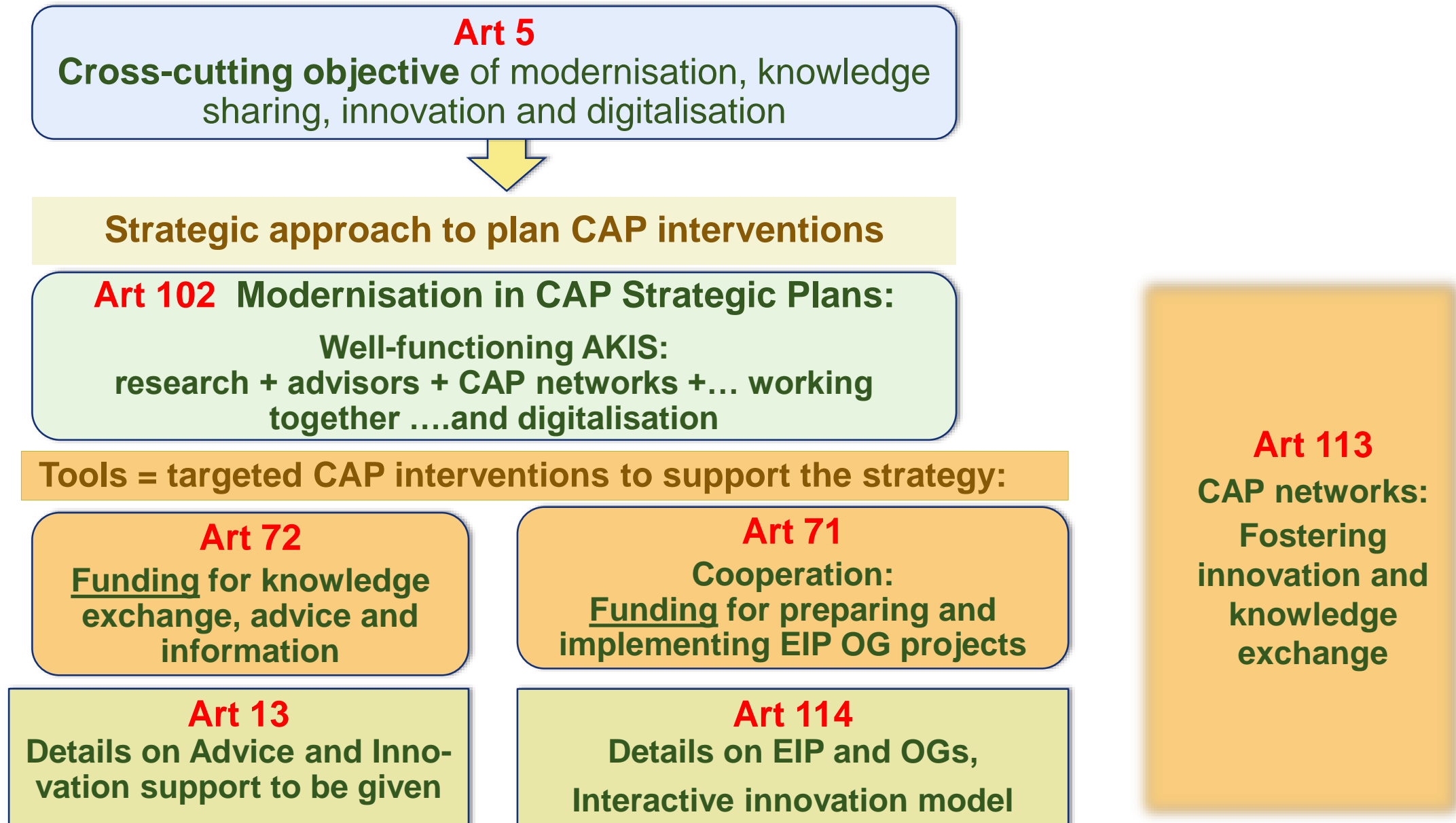
- **The organisational set-up of the AKIS** (*which adaptations after SWOT?*)
- How advisors, researchers and CAP networks will work together within the framework of the (*future*) AKIS, and
- How advice and innovation support services are provided

2.A description of the strategy for the development of **digital technologies** in agriculture and rural areas

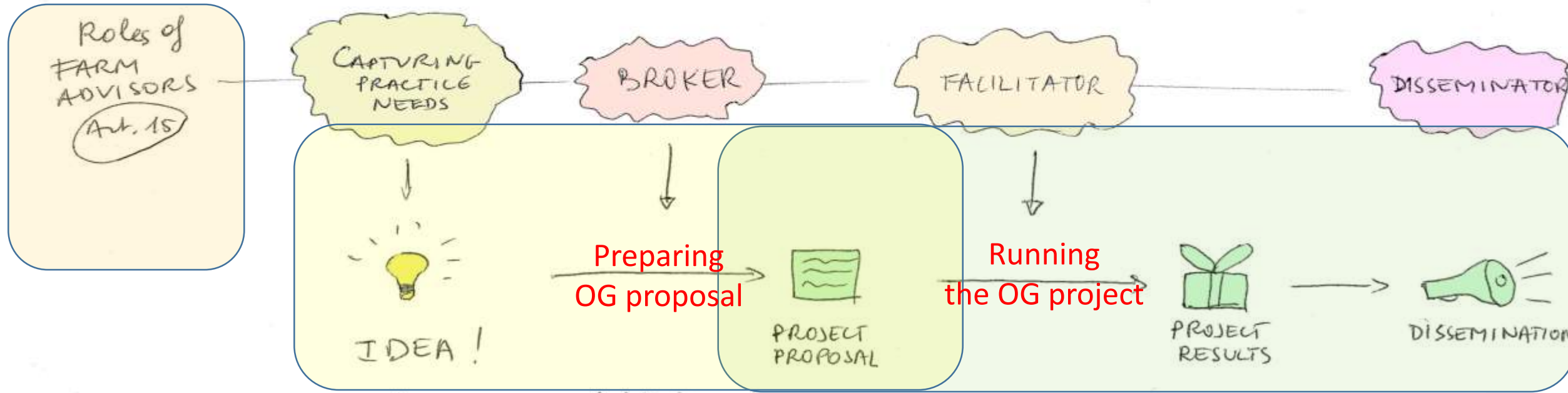
Art 13 and 72: Farm advice organised within the AKIS structures in CAP Strategic plans

- ✓ *Advising farmers and other beneficiaries of CAP support to be included in the CAP plans*
- ✓ ***All advisors shall be integrated within the AKIS in an inclusive way, to be able to cover economic, environmental and social dimensions and to deliver up-to-date technological and scientific information developed by R&I***
- ✓ *Advisors must be impartial and be able to provide Innovation support, in particular for preparing and implementing Operational Group projects of the EIP AGRI*

Overview of relevant provisions for modernisation, innovation and digitalisation



New roles for farm advisors in interactive innovation projects



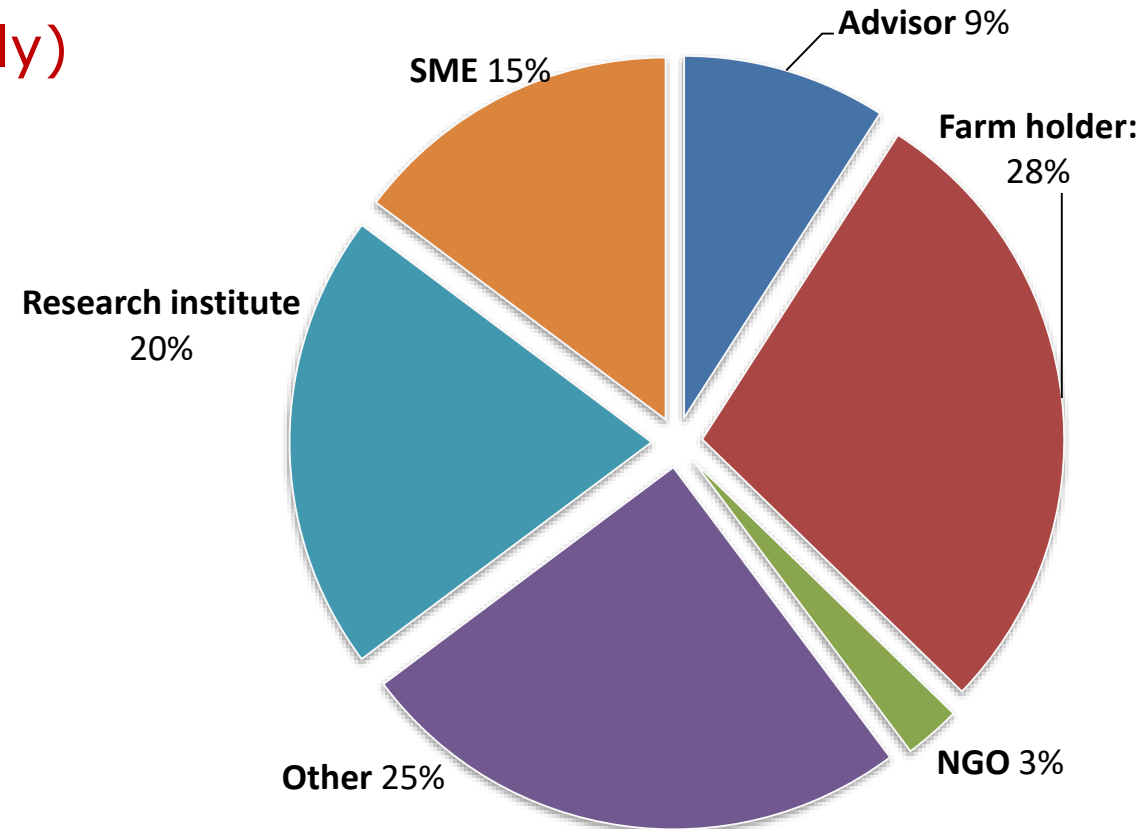
Farm advisors/innovation support services' role in interactive innovation processes:

- Capture practice needs
- Broker to set up interactive innovation projects
- Facilitate interactive innovation projects
- Disseminate newly generated knowledge
- +

Main action points for innovation support

Advisors and innovation support services (ISS) should be more involved:
now often missing in EIP OGs (9% advisors only)

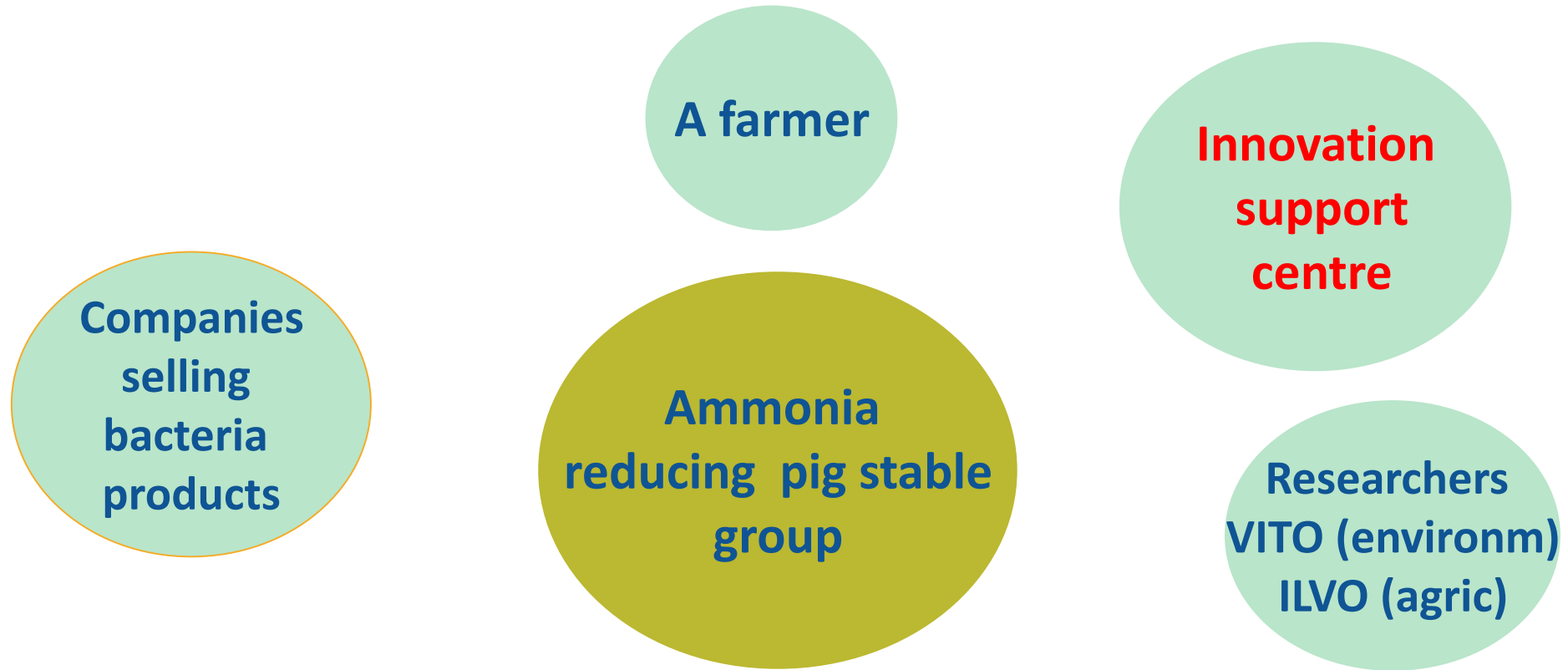
Number of partners per category (%
on total number of OGs):



Advisors and ISS (= inn. facilitators) can have an important role in interactive innovation processes:

- **Capture** practice needs
- **Broker** to set up OG's interactive innovation projects (obligation post 2020)
- **Facilitate** interactive innovation projects (obligation post 2020)
- **Disseminate** newly generated knowledge already during the project
- **Make bridges** between CAP and Horizon programmes as innovation support service

Example of an Innovation Support Service: one to one innovation brokering



Project objective: develop a pig stable reducing ammonia emissions by 50 % in a more cost-efficient way than existing stable systems (idea from a farmer, brokered by the Innovation Support Centre)

Innovation Support Service functions

<http://www.innovatiesteunpunt.be/en/projects/agrispin-innovation-brokership>

1. **Brokering** function
2. Coordination and **facilitation** of projects as an intermediate between partners
3. Innovation **promotion** and **awareness** raising
4. Coaching farmers towards innovation (individual advice)
5. **Brainstorming** events and thematical animation
6. Biannual **innovation prize**: 150 candidates, 10 final prizes, one winner - and a lot of communication in the farm journals promotes innovation
7. **Dissemination** of innovative results
8. Connect with SMEs and other innovation services and funding bodies
(see example of innovation project "Distrikempen" **video** from **Agrispin H2020 project**)
<https://www.youtube.com/watch?v=fbiAGzlf3IA> *logistic innovation short supply chain*

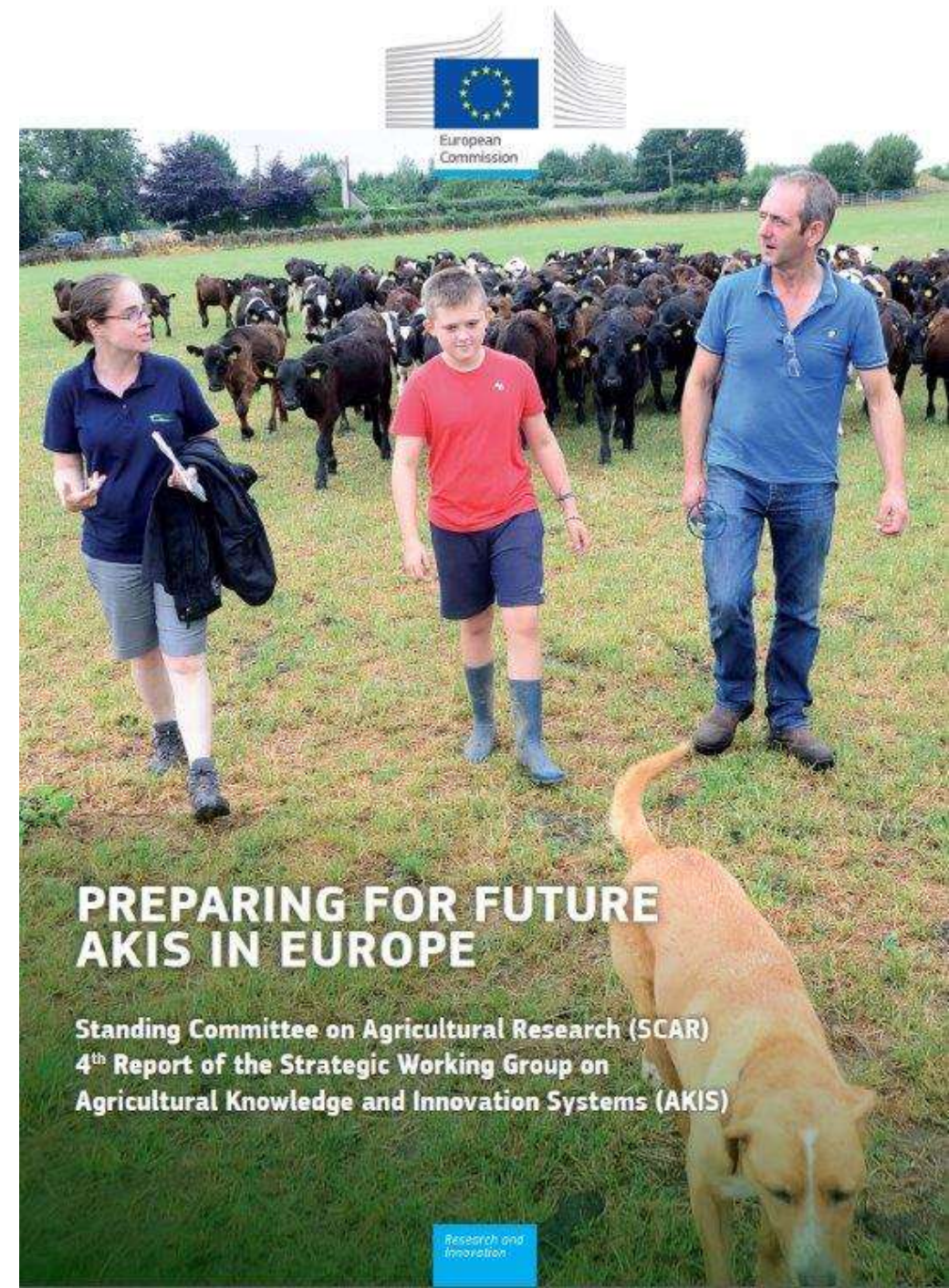
2 main instruments for future AKIS:

1. **Innovation support service – "Innovation hub"**
2. **Back-office for advisors – "knowledge hub"**

section 4.2 of the SCAR AKIS 4 report

More info:

- An animated infographic on innovation support services:
<https://www.youtube.com/watch?v=pTV6kLH0ykg>
- A practical example of an innovation support service on page of the SWG SCAR AKIS report **page 105-106**:
https://ec.europa.eu/info/sites/info/files/food-farming-fisheries/key_policies/documents/report-preparing-for-future-akis-in-europe_en.pdf
- Brochure on innovation support services:
<https://ec.europa.eu/eip/agriculture/en/publications/eip-agri-brochure-innovation-support-services>



AKIS & EIP-AGRI – preparing for EU knowledge reservoir(s) for practice **serving advisors' back-offices for innovation support and advice**

- ✓ *MS already creating **dbases (EIP-AGRI)** in DE, FR, back-office and ISS in LT etc)*
- ✓ ***EURAKNOS** project (Thematic Network of Thematic Networks, midterm Jan 2020)*
- ✓ ***EUREKA** project (feasibility EU knowledge reservoir for practice, kick-off Jan 2020)*



Making at EU level an increasing volume of practice-oriented knowledge easy accessible, interactive and attractive!

How can CAP networks help strengthening innovation and knowledge exchange on all 9 CAP objectives?

1. **Collecting and sharing outcomes** of 3200+ EIP OGs from current CAP, and of 190 H2020 multi-actor projects + future Horizon Europe MA proj. (+ filtering & translating)
2. EIP website + knowledge reservoirs being prepared under H2020
3. **Connecting OGs with Horizon** projects = great added value. The Horizon 2020/Horizon Europe (HE) dimension of the EIP-AGRI induces the need for intensifying CAP innovation networking and regular and efficient interaction with Horizon Europe National Contact Points
4. All this **material provides great input for local AKIS actors** (farmers, advisors, education, trainers, media, businesses, researchers,..): training for farmers and for advisors, peer-to-peer events, demonstrations, website, e-learning, ISS etc
5. **Organising events to link and network AKIS actors** for future cooperation
6. **Start now**, already testing future interventions under current period and **brainstorm in AKIS coordination platforms**

What post 2020 ?

Jean
Monnet
Father of Europe

12/05/1954



“Ce qui nous arrête, c’est la peur du changement. Et pourtant, c’est du changement que dépend notre salut”

“What stops us is the fear of change.
And nevertheless, it is on change that our
salvation depends”

Main AKIS action points post 2020 CAP at MS level:

1. **Advisors** to become **more competent** on economic, environmental and social issues + up-to-date knowledge and innovation. Simplification of the administrative system: No rules on certification, **include all** advisors, public and private => Impartial and **integrated** within the AKIS system, no more separated FAS (farm advisory system).
2. **Researchers more closely involved in the AKIS** and (inter)acting on farmers' needs, and to be rewarded to do so
3. MS **CAP networks** tasks and objectives:
 - Provide for more **learning** & knowledge exchange **among MS**
 - Be more active on **linkages between OGs and the Horizon Europe projects**: capture the results and added value of the policy at European level
 - **Fostering innovation (support to OGs) and supporting the inclusion of all stakeholders** in the knowledge-exchange and knowledge-building process
4. **Impartial advisors, researchers & CAP networks at MS level to improve collaboration within the AKIS for increased innovation and knowledge flows**

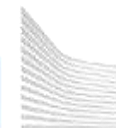
Info: EIP Seminar on AKIS strategies in CAP Strategic Plans

16-18 September 2020 (the full seminar was record and can be seen again)

<https://ec.europa.eu/eip/agriculture/en/event/eip-agri-seminar-cap-strategic-plans-key-role-akis>

- Inspiration from an experienced **innovation support service**, followed by a **panel discussion on AKIS policy**.
- Opening speeches from **Commissioner Polish Ministers** of Agr., one very inspiring and **Rural Inspiration Award OG** + an **overview on the basic elements of AKIS + Q&A**.
- Section on advice: intro + 3 diverse examples of **advisory services**
- Section on role of the **national CAP network for innovation**, again with good examples
- **Online discussions** which happened in the weeks before the seminar (on advisory services, on CAP networks and on the CAP plans), summarised by **Mark Gibson**
- **10 good examples of nice AKIS interventions**
- **4 Member States presenting their CAP plans**, already full of content
- after the breakout sessions, **our Director General Burtscher** closed with a very nice **summary on the interactive discussions** and expresses how he sees the future & AKIS.

Questions?



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Speeding up knowledge exchange and innovation



Thanks for your attention

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SWG SCAR AKIS 4 report https://ec.europa.eu/info/news/knowledge-and-innovation-unlocking-potential-food-and-farming-2019-sep-26_en

See in particular sections 1.2 What is AKIS?, 1.3 Multi-actor projects, 1.4 thematic networks, 1.5 possible actions for CAP AKIS Strategic Plans) and chapter 4 (Advisors and advisory instruments and functions)

EIP-AGRI website <https://ec.europa.eu/eip/agriculture/en>