



Subgroup on Innovation for agricultural productivity and sustainability

15th Meeting

16 October 2019

#RNSubInnovation - @EIPAGRI_SP

Subgroup on Innovation for agricultural productivity and sustainability

15th Meeting – 16 October 2019



- 09:00 – 09:10 Welcome & introduction
- 09:10 – 11:10 **Session I Shaping the work of the EIP-AGRI network for 2020 focus groups & workshops**
- Overview of the envisaged 2020 activities
 - Round 1: Interactive sessions: Focus Groups
- 11:10 – 11:30 Short break
- 11:30 – 12:35 • Round 2: Interactive sessions: Workshops
- 12:35 – 13:45 Lunch break
- 13:45 – 14:05 **Session II Overview of past and upcoming activities**
- Key messages from AIS
 - Information about the workshop “Small is smart”
 - Feedback on the European Conference on Crop Diversification
 - Information about the seminar “Skills development for the digital transformation”
- 14:05 – 15:30 **Session III Shaping the work of the EIP-AGRI network for 2020 seminars**
- Round 3: Interactive sessions: Seminars
- 15:30 – 15:45 Short break
- 16:00 – 16:15 Next steps and closing





Session III: Shaping the work of the EIP-AGRI Service Point for 2020 – Seminars”

SUBGROUP ON INNOVATION
for agricultural productivity and sustainability
15th meeting
16 October 2019

15th Meeting of the
Subgroup on Innovation





COMMON AGRICULTURAL POLICY

Post-2020

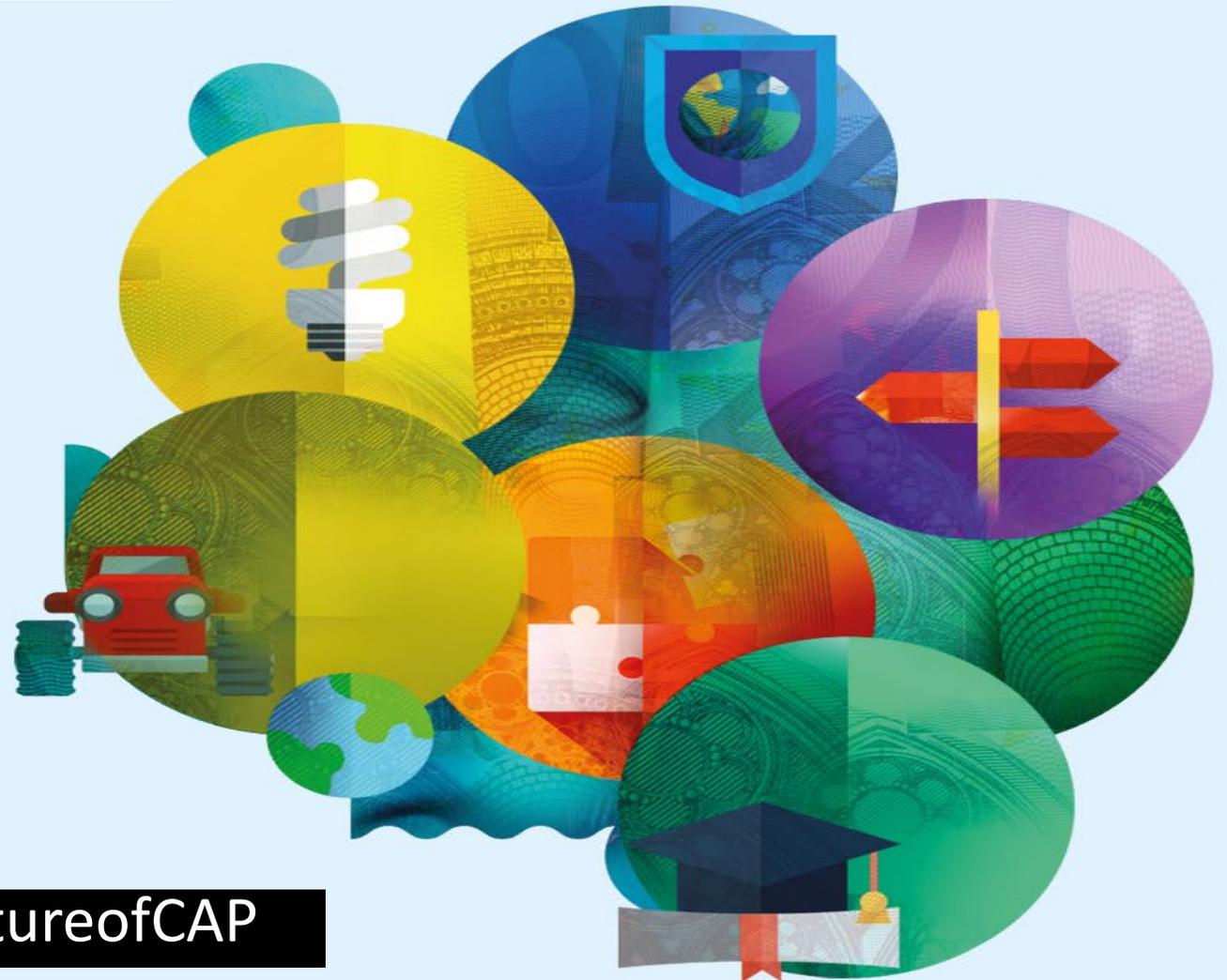
*AKIS, Farm advice
and Innovation Networking*

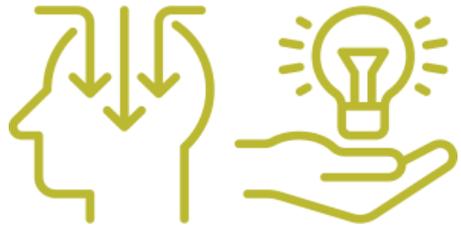
Inge Van Oost - DG AGRI

Unit B2 – Research & Innovation

Subgroup Innovation, 16 October 2019

#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)*

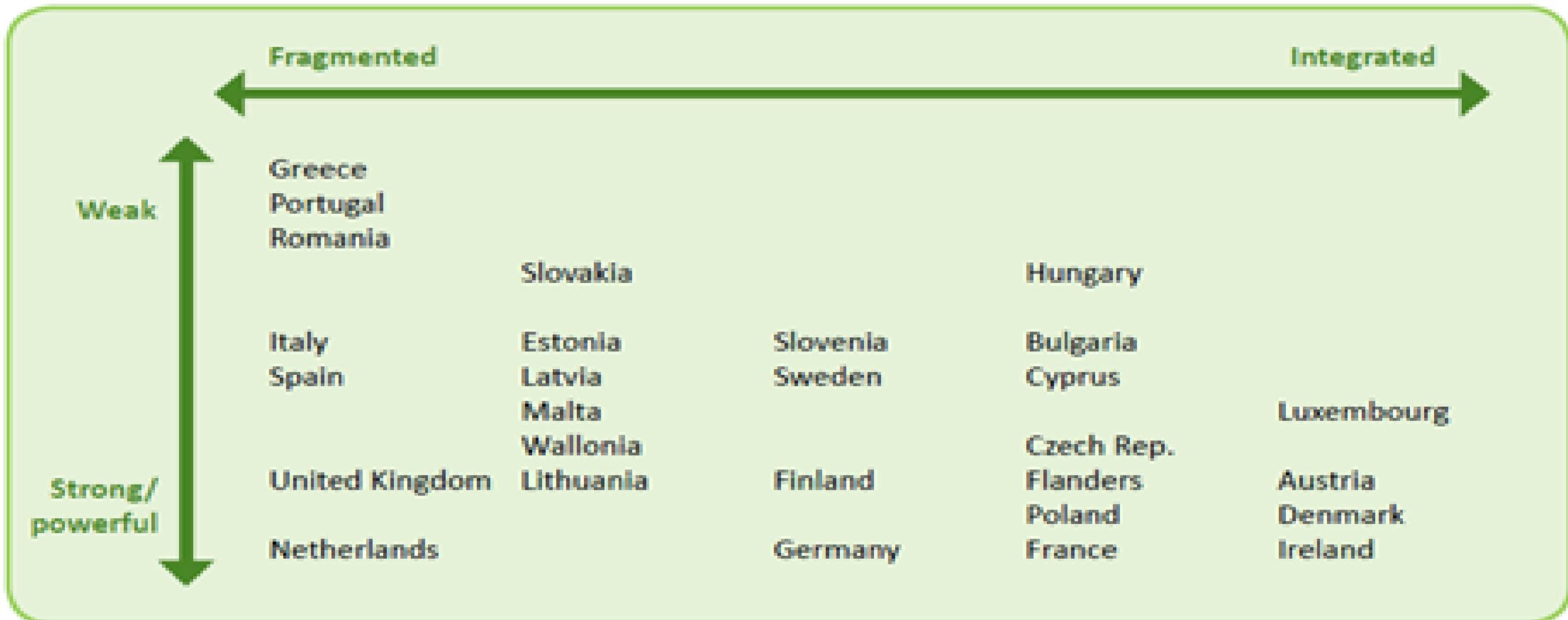
Who: *The main players of the AKIS are: farmers/foresters, advisors, researchers, (farmer) organisations, NGOs, networks, retailers, media, services, various ministries...: they all produce and need knowledge!*

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.*

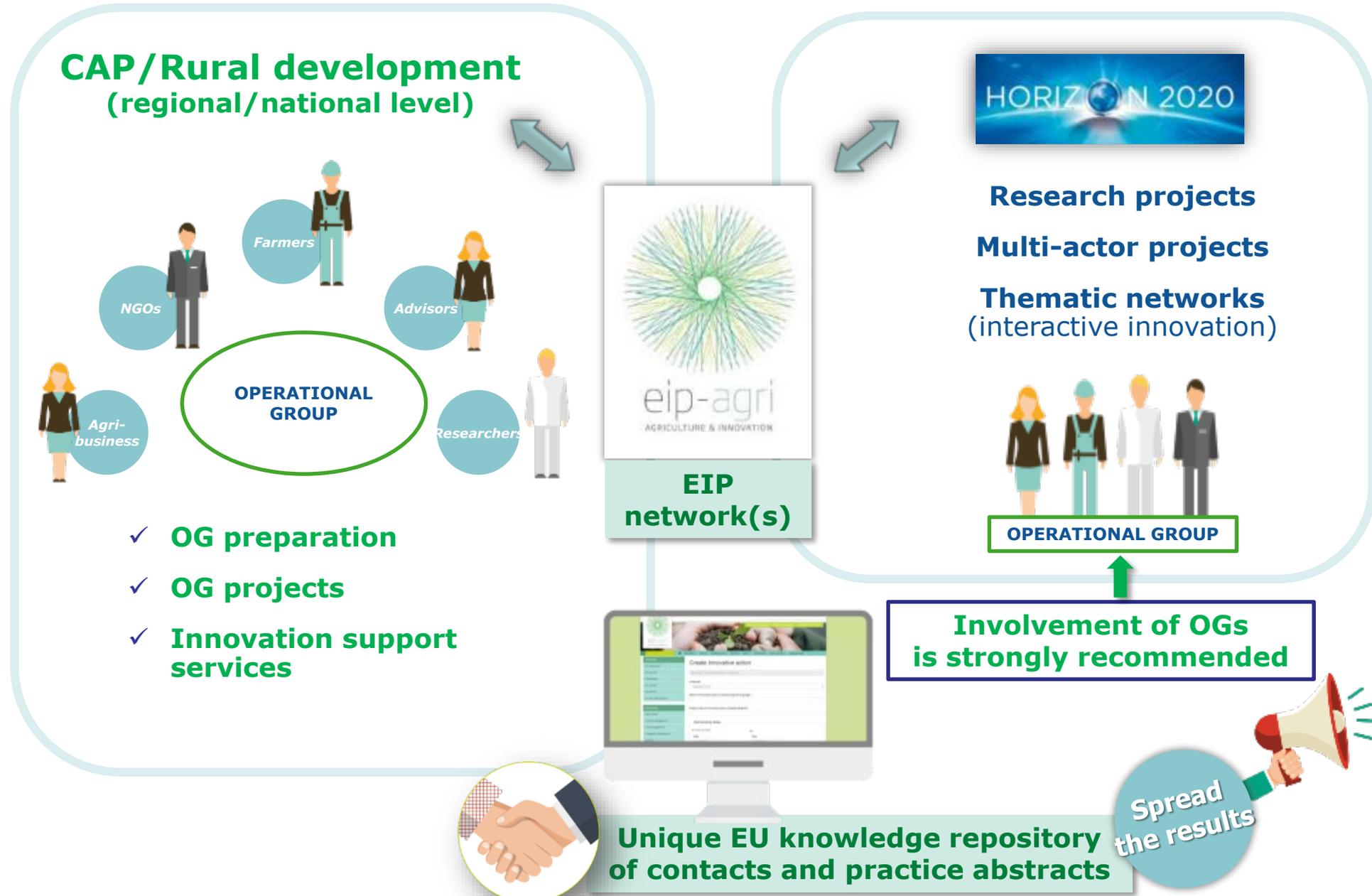
Brief "What is AKIS": https://ec.europa.eu/info/sites/info/files/food-farming-fisheries/key_policies/documents/building-stronger-akis_en.pdf

PROAKIS study: Characterising MS' AKIS

An overview (as of 2014)



Connecting policies: the bigger EIP picture



EIP-AGRI – Where are we?

- ✓ *27 Member States, 98 rural development programmes implementing the EIP*
- ✓ *Around 3 200 OGs planned in 2014-2020; around 1000 OGs already running*
- ✓ *Around 180 H2020 multi-actor projects, including 34 thematic networks*
- ✓ *A growing and thriving network*



www.eip-agri.eu

An increasing volume of practice-oriented knowledge !

CAP post 2020 Commission Communication "The future of Food and Farming" on the future for advice and AKISs, explaining the rationale:

*“The European Innovation Partnership for Agricultural Productivity and Sustainability (EIP-AGRI) and the European Innovation Partnership on Water have proven their value in mobilising the agricultural sector for innovation. It has funded multi-participant pilot projects and is networking across Europe to make new knowledge generally available. Its success depends on the combined performance of advisors, agricultural training and educational systems, researchers and farmer organisations often referred to as the **Agricultural Knowledge and Innovation System (AKIS)** which operates very differently from one Member State to another.*

*The role of the farm advisor stands out as particularly important. **A modern CAP should support the strengthening of farm advisory services within the AKIS systems. This should become a condition for the approval of CAP Strategic plans.**”*

CAP post 2020 Commission Communication "The future of Food and Farming" on the future for advice and AKISs, explaining the rationale:

- *The rationale for these sentences is that the efficiency and effectiveness of advisory services can best be upgraded by **improving their connections within the Agricultural Knowledge and Innovation Systems and sharing knowledge and innovative applications more intensively.***
- *To perform such an upgrade of advisory services, a transition period is needed. **Therefore a strategic AKIS plan will form a part of the CAP Strategic Plans to be approved.***
- *See SWG SCAR-AKIS Policy Brief on the Future of Advisory services on advisor's future interactive competences, interconnections and roles*

https://ec.europa.eu/eip/agriculture/sites/agri-eip/files/policy_brief_on_the_future_of_advisory_services_scar_akis_06102017.pdf

Provisions on modernisation in the CAP Plan Regulation

**From funding innovative projects.....
.....to a whole innovation ecosystem**



THE 9 COMMON OBJECTIVES



Cross-cutting objective KNOWLEDGE & INNOVATION

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

Integrated approach for modernisation, innovation and knowledge flows: Overview of relevant AKIS provisions

Art 5
Cross-cutting objective of modernisation, knowledge sharing, innovation and digitalisation



Strategic approach to plan CAP interventions

Art 102 **Modernisation in CAP Strategic Plans:**
Well-functioning AKIS:
research + advisors + CAP networks +... working together ...and digitalisation

Tools = targeted CAP interventions to support the strategy:

Art 72
Funding for knowledge exchange, advice and information

Art 71
Cooperation:
Funding for preparing and implementing EIP OG projects

Art 13
Details on Advice and Innovation support to be given

Art 114
Details on EIP and OGs,
Interactive innovation model

Art 113
CAP networks:
Fostering innovation and knowledge exchange

CAP Strategic AKIS Plans (Art.102 on 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 digitisation, notably by describing:
 - **The organisational set-up** of the (*existing*) **AKIS** (=> *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

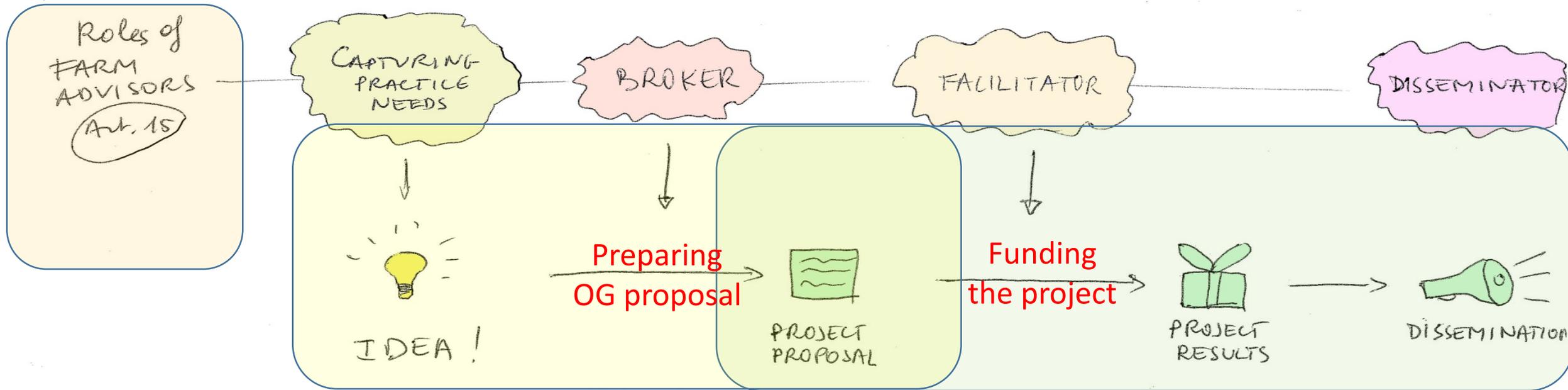
- ✓ *Advising farmers and other beneficiaries of CAP support to be included in the CAP plans*
- ✓ **All advisors shall be integrated in the AKIS in an inclusive way, to be able to cover economic, environmental and social dimensions and to deliver up-to-date technological and scientific information developed 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*

CAP AKIS Plans: potential to strengthen AKIS by:

(SWG SCAR-AKIS Athens, Tallinn) <https://scar-europe.org/index.php/akis-documents>

1. **Enhancing knowledge flows and strengthening links between research and practice:** incentivise researchers for their impact beyond academia, e.g. in their careers, by making practice ready outputs, meet practitioners frequently/thematic events, organise on-farm demonstrations where farmers and researchers meet and talk, education for researchers on interactive innovation approaches etc
2. **Strengthening farm advisory services within MS' AKISs:** capturing and sharing farmers' needs, acting as innovation brokers/facilitators, participating in and sharing knowledge from OG innovative projects, advisors' training and thematic events to update knowledge, cross-visits (learning peer-to-peer), spend time with researchers,...
3. **Incentivising interactive innovation projects (OGs, H2020 MA):** help connecting actors, facilitating cross-border and transnational calls/knowledge exchange, establish innovation support services to develop projects and capture farmers' foresters needs and innovative ideas, support intergenerational renewal by experts' collaboration...
4. **Support digital transition in agriculture:** EIP OGs on digital innovation, build and use repositories with agricultural data for multi-purposes, digital skills development,...

New roles for farm advisors in interactive 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
- +

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
2. Collecting and sharing outcomes of 180 H2020 multi-actor projects + Horizon Europe
3. EIP website + knowledge reservoirs being prepared under H2020
4. **Connecting OGs with Horizon** projects = great added value
5. All this **material provides great input for local AKIS actors** (farmers, advisors, businesses, researchers,..): training for advisors and farmers, peer-to-peer events, website, e-learning, ISS etc
6. Organising **events to link and network AKIS actors** for future cooperation
7. **Start now**, already testing future interventions and **brainstorm in AKIS coordination platforms**

Building an "EU AKIS"

*Speed up creativity and
practice application*

*Better connectivity and
quicker circulation of
information*

Future post 2020 - Further info and context

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

- **EIP seminar on AKIS:**

<https://ec.europa.eu/eip/agriculture/event/eip-agri-seminar-promoting-creativity-and-learning>

- **EIP brochure on AKIS:**

<https://ec.europa.eu/eip/agriculture/en/publications/eip-agri-brochure-agricultural-knowledge-and>

- **SWG SCAR-AKIS Policy Brief on the Future of Advisory Services:**

https://ec.europa.eu/eip/agriculture/sites/agri-eip/files/policy_brief_on_the_future_of_advisory_services_scar_akis_06102017.pdf

Handover AKIS4 report to Commissioner Hogan on 26 Sep 2019

How can we get farmers & rural communities the information & advice they need to build a modern, innovative & sustainable future? The 4th Agriculture Knowledge & Innovation Systems report is a great place to start! An important moment for the [#FutureofCAP](https://twitter.com/FutureofCAP) europa.eu/!my44Tp

[Tweet vertalen](#)



Today, [@PhilHoganEU](https://twitter.com/PhilHoganEU) welcomed the 4th report on agricultural knowledge and innovation systems (AKIS)!

We should involve all actors, from farmers to researchers, in developing knowledge and innovation. This is the only way we can meet today and tomorrow's challenges!
[#FutureofCAP](https://twitter.com/FutureofCAP)





Thank you!

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