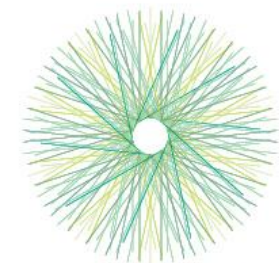


EIP-AGRI Workshop Small is smart

29-30 October 2019– Bucharest, Romania



eip-agri
AGRICULTURE & INNOVATION



#smallfarms #EIPagri

funded by



Programme

DAY 1 - TUESDAY 29 OCTOBER

09:00 - 10:15

Welcoming participants and setting the scene

- Welcome to Bucharest and short introduction about small farms innovation in Romania by the Romanian Ministry of Agriculture, [Dana Reberga](#), Deputy General Director of the [MoA](#)
- Opening words from the European Commission, [Inge Van Oost](#), DG AGRI
- Ice-breaker
- Presentations
 - Small smart farms: how can small farms benefit from digital innovations in agriculture? [Leanne Townsend](#), James Hutton Institute, UK
 - An overview of the CUMA: farm machinery cooperatives, [Stephane Diard](#), FN CUMA, France
 - Direct selling: an instrument to improve profitability in small-scale farming, [Bavo Verwilt](#), Organic farmer, Belgium
 - Combining innovation with tradition for economic viability of Romania's small-scale farms, [Razvan Popa](#), Adept Foundation, Romania
 - Small-scale Bioeconomy Opportunities for European Farmers, [James Gaffey](#), Biorefinery glass project, Ireland

10:15 - 11:00

Breakout session: **What steps could a small farmer take to introduce innovation or good practices?**

11:00 - 11:30

Coffee break

11:30 - 13:00

Continuation of breakout session: **What steps could a small farmer take to introduce innovation or good practices?**

13:00 - 13:50

Lunch

14:00 - 18:30

Field trip to the Romanian Horticultural Institute



#smallfarms #EIPagri funded by the European Commission





Programme

DAY 2 – WEDNESDAY 30 OCTOBER

08:30 - 09:00 **Registration**

09:00 - 09:45 A **welcome back** to participants

Energiser exercise

What is the EIP-AGRI? The importance of knowledge exchange (and the local AKIS in general) in successful EIP-AGRI implementation, **Inge Van Oost, DG AGRI**

An **introduction** to the rest of the day

09:45 - 10:45 Breakout session: **How can best practice sharing, collaboration, digitalisation and knowledge transfer best support innovation in small farms?**

- Which types of collaboration support small farmers to innovate and how?
- How can small farmers be encouraged and supported to utilise digitalisation as a means to innovate?
- Which methods of knowledge sharing work best for small farmers and how can these methods support innovation?

10:45 - 11:15 **Coffee break**

11:15 - 12:30 Breakout session: **How could the innovation support environment for small farmers be improved at a regional, national and European level?**

- What type of advisory services best support small farmers?
- What type of innovation support would help best?
- How can networking help small farmers?
- What areas of research are important for small farmers?

12:30 - 13:30 **Bringing participants together** and reflect on the workshop's outcomes

13:30 - 14:30 **Farewell & lunch**



#smallfarms #EIPagri funded by the European Commission





COMMON AGRICULTURAL POLICY

Post-2020

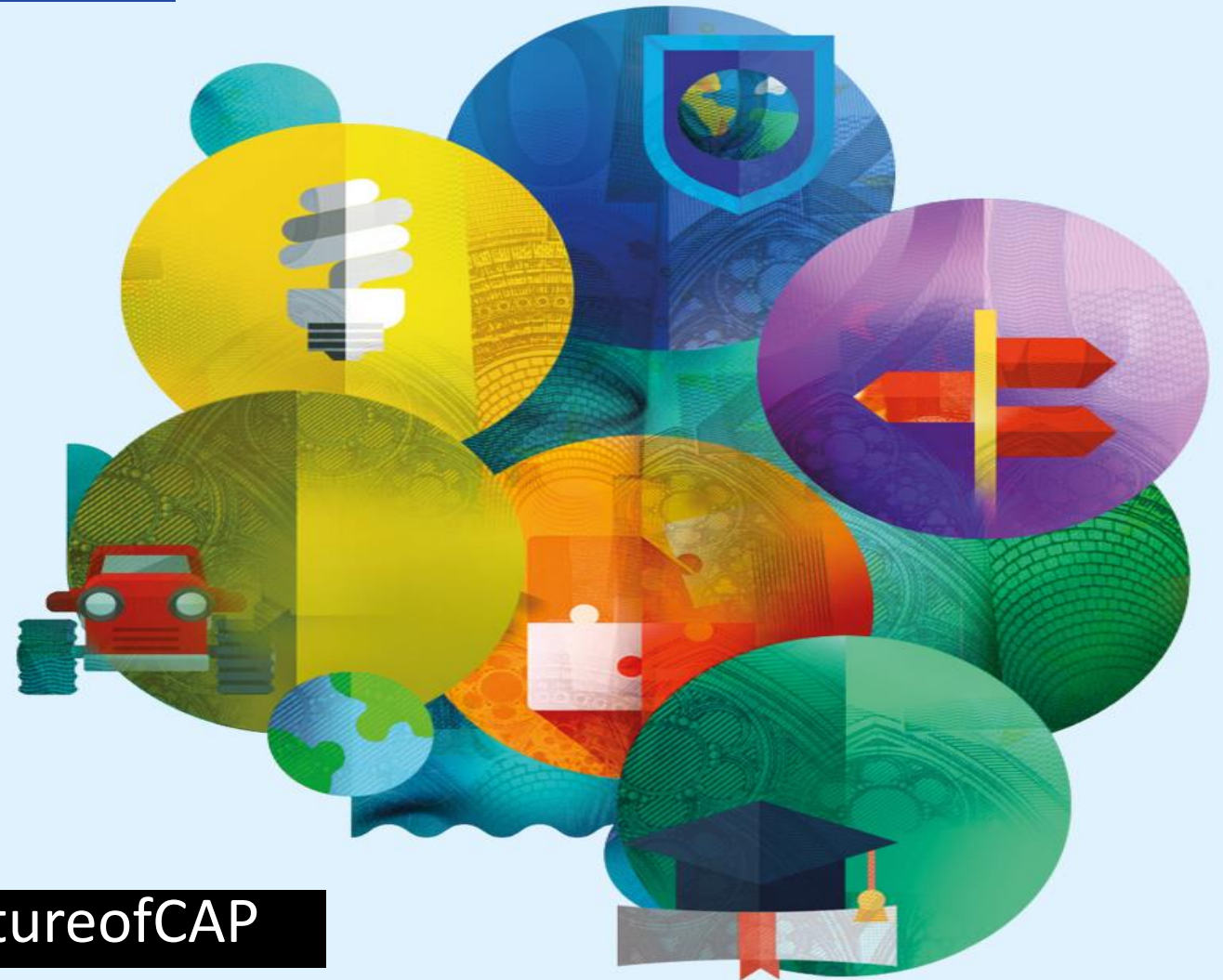
*AKIS, Farm advice
and Innovation Networking*

EIP Workshop 'Small is smart'

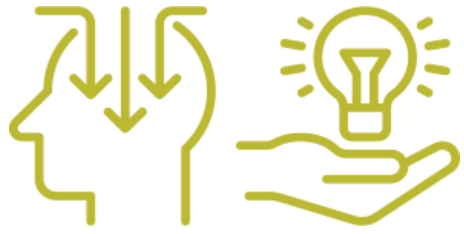
Bucharest – 29-30 October 2019

Inge Van Oost - DG AGRI

Unit B2 – Research & Innovation



#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)*

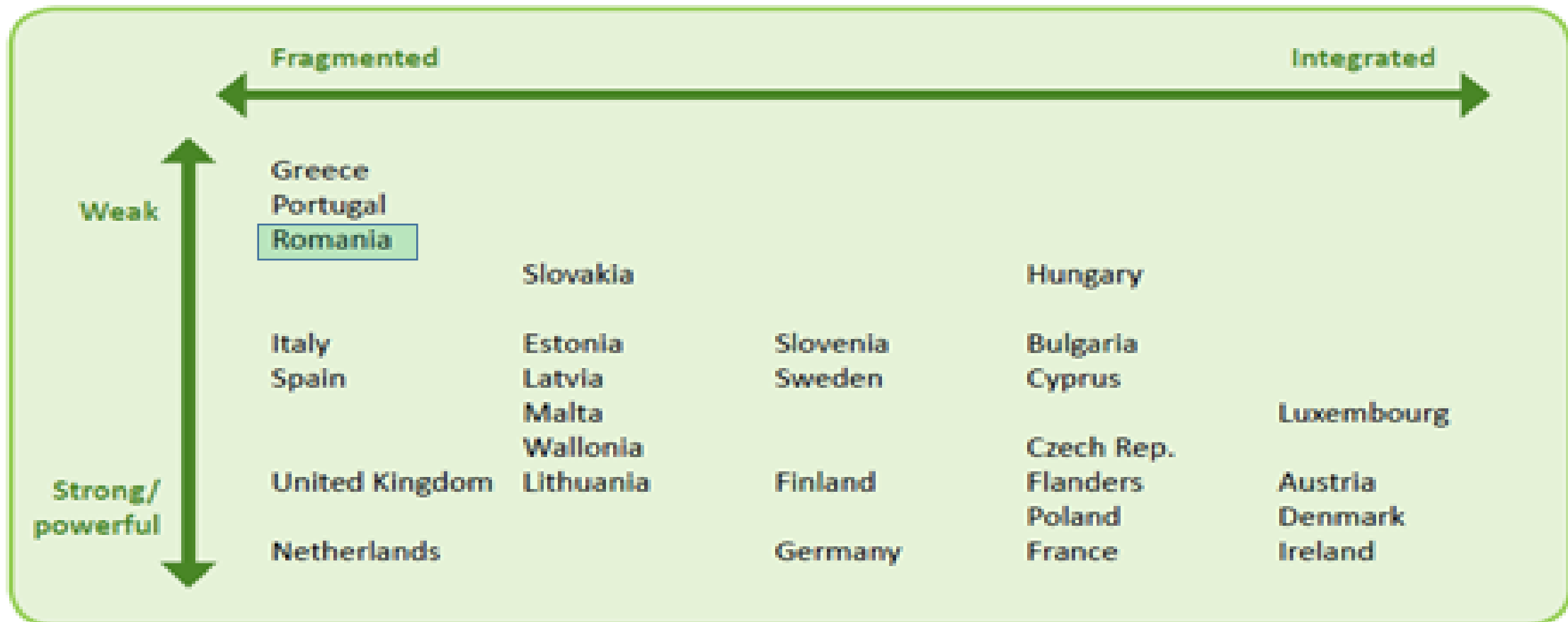
Who: *The main players of the AKIS are: farmers/foresters, advisors, researchers, (farmer) organisations, NGOs, networks, retailers, media, services, various ministries...: they all produce and need knowledge!*

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

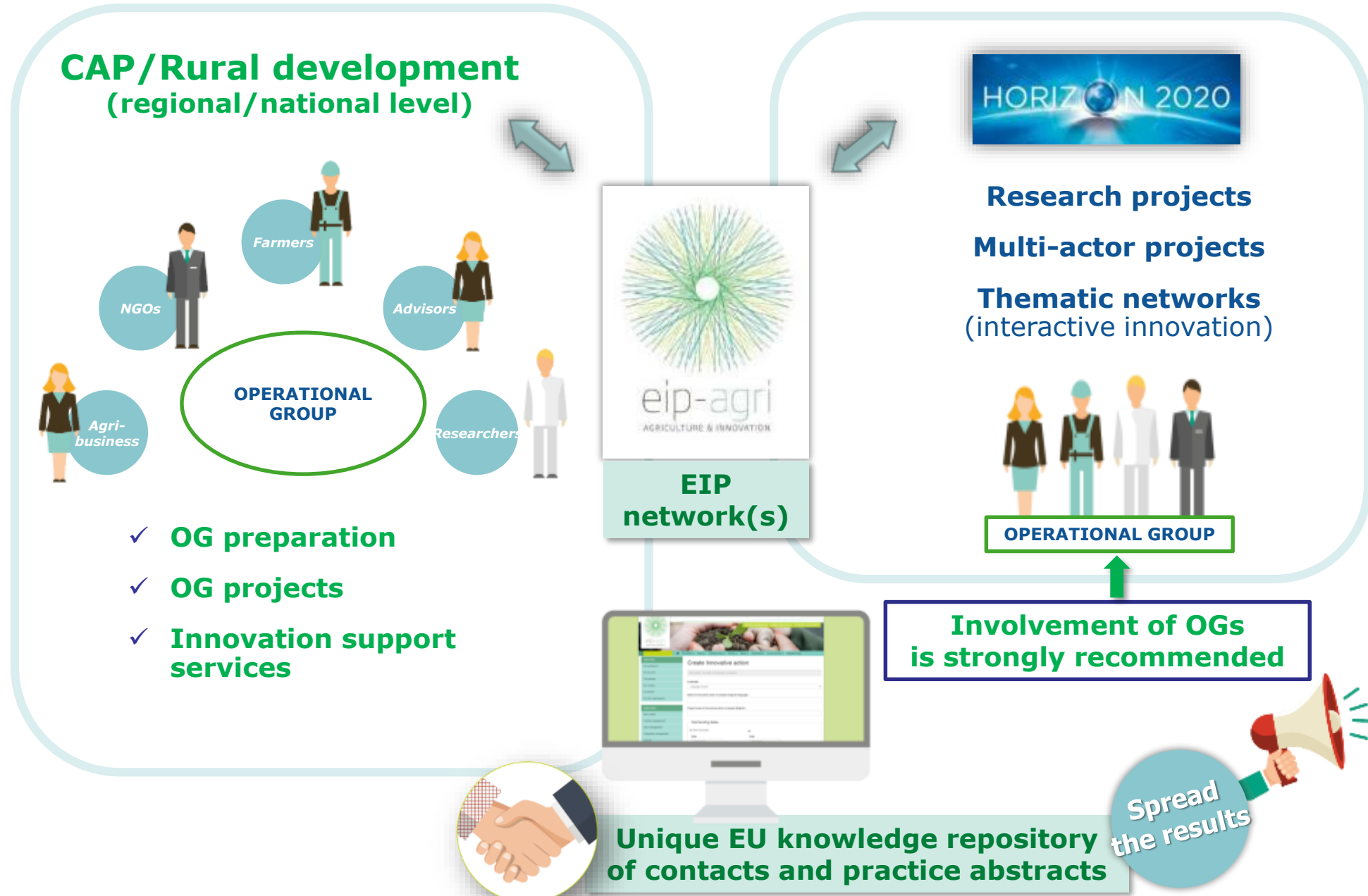
An overview (as of 2014)



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 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

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 29 thematic networks*
- ✓ *A growing and thriving network*

An increasing volume of practice-oriented knowledge !



www.eip-agri.eu

Having potential innovative knowledge is one thing,
turning it into reality is another.

"The value of an idea lies in
the using of it."

Thomas Alva Edison – inventor of the light bulb

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 States 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.***
- *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
- *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.***

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

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

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

Du choc des idées
jaillit la lumière

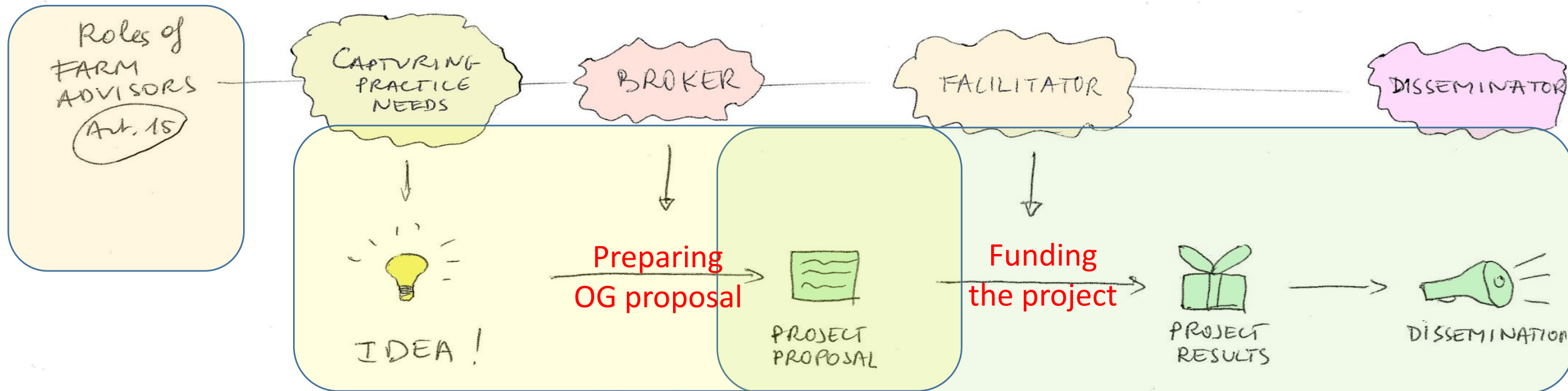
Nicolas Boileau, french philosopher, 17th century

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

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***

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
- +

EIP-AGRI in the post 2020 CAP

Art 114. EIP Agricultural Productivity and Sustainability

*EIP–AGRI Operational Groups' innovative projects shall develop innovative solutions based on the **interactive innovation model**:*

1. **Focusing on farmers'/foresters' needs** while also tackling interactions across the supply chain where useful (*incl. development issues in rural areas, see CAP objectives g, h*)
2. Bringing together partners with complementary type of knowledge such as ... in a targeted combination **as best suited** to the project objectives
3. **Co-deciding** and co-creating all along the project

(all useful selection criteria)

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,...

Cooperation and co-creation:

"I not only use all the brains that I have, but all that I can borrow"

Woodrow Wilson –
President of the USA, 1913-1921

CAP post 2020 – AKIS, advice and innovation

State of play negotiations (1)

Council Working Party: discussions ongoing under FI presidency:

MS are overall happy with Commission proposal, including:

- Continuation of support for preparing and implementing OG innovative projects, as well as for EIP networking
- Broad support for types of knowledge exchange and advice (Art 72)
- Principles of interactive innovation (focus on farmers' needs, co-creation and co-decision, complementary knowledge, Art 114)
- Higher than normal EU co-funding for OG projects (up to 80%)
- Possibility of advance payments for OG projects (up to 50%)
- Obligation to integrate and update advisors within the AKIS (Art 13)
- Obligation and funding to provide innovation support (Art 13)

CAP post 2020 – AKIS, advice and innovation

State of play negotiations (2)

A number of further improvements since June 1018:

Art 3: definition of AKIS

Art 72: linking the support for advice with coherent AKIS plans

Art 113: introduction of the possibility for existing OGs to cooperate,
funded by Technical Assistance or Art 72

Art 114: clarification of the possibility to fund cross-border OG projects

European Parliament: voted compromise amendments on 2 April 2019:
no substantial changes on EIP or AKIS

Art 71-72 and 113 are a key part of an integrated approach supporting modernisation, innovation and knowledge flows



Researchers

AKIS

Advisers



Education

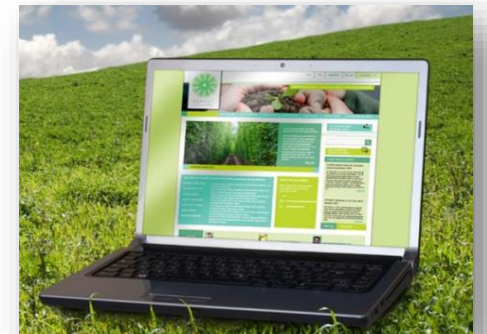
Farmer

Businesses

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

Organisations

Media



Improving MSs' AKIS = Building an "EU AKIS"

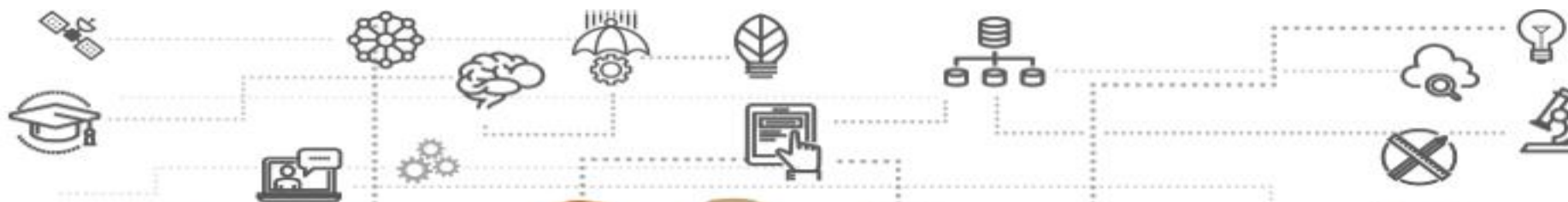
*Speed up creativity and
practice application*

*Better connectivity and
quicker circulation of
information*



TOOLBOX FOR A KNOWLEDGE- BASED AGRICULTURE

- **Cross-cutting objective** on knowledge, innovation and digitalisation (CAP Art. 5)
- Each **CAP strategic plan** will include a section on how to stimulate the exchange of knowledge and innovation & digital technologies in agriculture (CAP Art. 102)
- **Strengthening of MSs'/regions'** Agricultural Knowledge and Innovation Systems (**AKIS**)
- **Support** for advice, training, innovation and knowledge exchange in Rural Development (CAP Art. 71,72,13,...)
- Specific budget of EUR 10 billion in **Horizon Europe** for food, agriculture, rural development and the bio-economy.



➤ Continuation of the agricultural **European Innovation Partnership** (CAP Art 113, 114)



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



Phil Hogan
@PhilHoganEU

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) europea.eu/!my44Tp

Tweet vertalen



EU Agriculture
@EUAgri

Follow

Today, @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)





The AKIS4 report will help....

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

