



EU-FarmBook

NATIONAL/REGIONAL 'KNOWLEDGE RESERVOIRS FOR PRACTICE' AS PART OF THE AKIS STRATEGIC APPROACH IN CAP PLANS

26 January 2023



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AGENDA



SESSION 1: 10:00 - 12:00 CET

10.00 - 10.15

Welcome and “who is here?”

10.15 - 10.55

Setting the scene:

- Horizon Europe agricultural and rural research and innovation: relevance of the EU-FarmBook project
- EU and National Knowledge reservoirs for practice in the context of the AKIS strategic approach in CAP plans”

10.55 - 11.10

EU-FarmBook – what is it?

11.10 - 11.25

Preliminary outcomes of the survey on the state-of-play of national/regional knowledge reservoirs for practice in the Member States

11.25 - 11.45

Connecting to the EU Farmbook - how and what?

11.45 - 11.50

Priority issues for discussion in afternoon session

11.50 - 12.00

EU-FarmBook Ambassadors – the concept and “who is who?”

SESSION 2: 14:00 - 16:00 CET

14.00 - 14.15

Welcome back and explanation of the afternoon session

14.15 - 15.15

Knowledge exchange on the state of play and expectations from digital knowledge reservoirs for practice among Member States

15.15 - 15.45

Presentation and consolidation of the knowledge exchange session

15.45 - 16.00

Next steps: Platform Day in Brussels on 21st February



EU-FarmBook

WHO IS HERE TODAY?

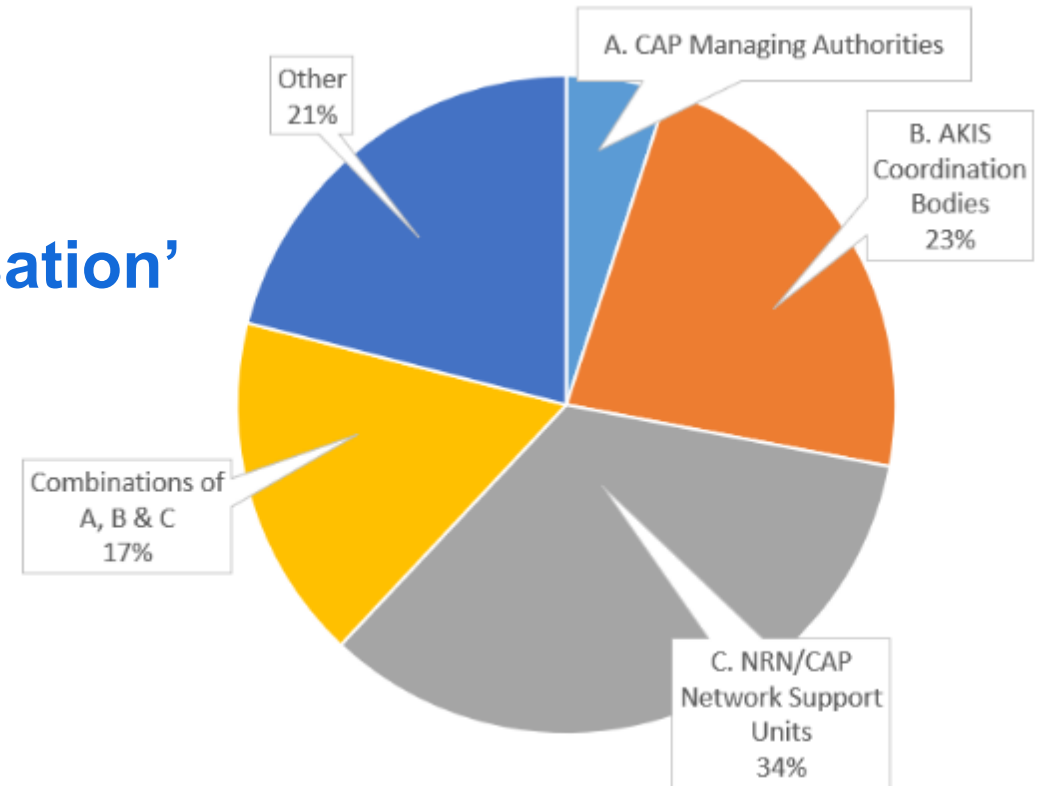
01 Who is here today?



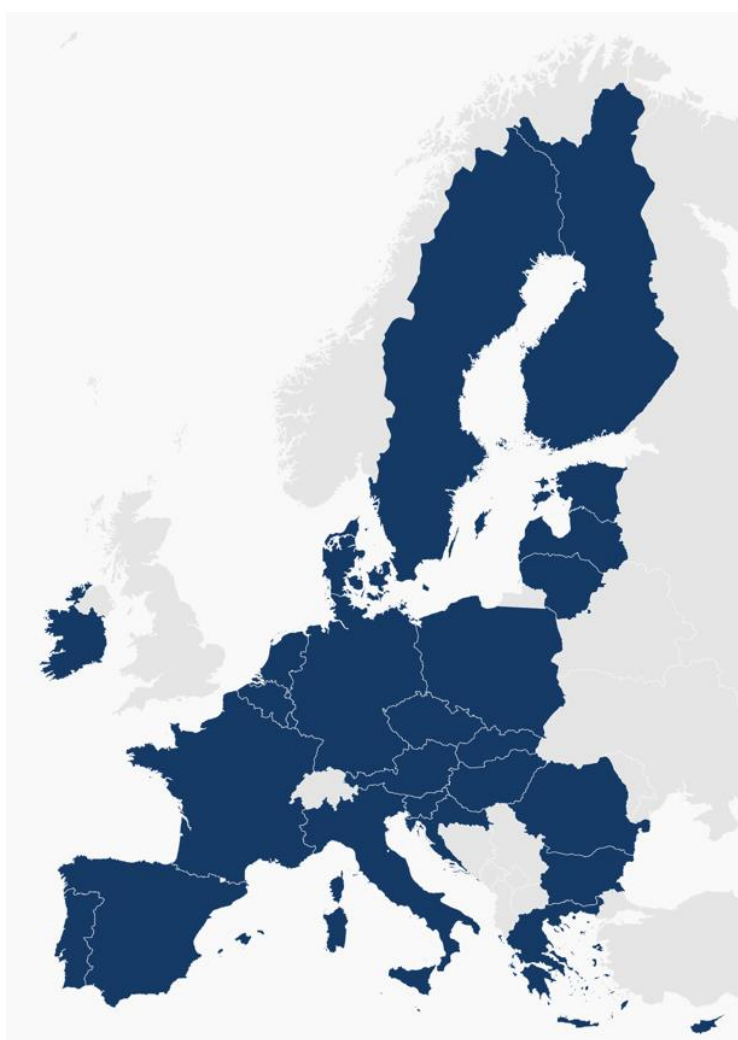
Over 90 people have registered from:

26 Member States...including 8 regions in BE, ES and IT

Your
'organisation'

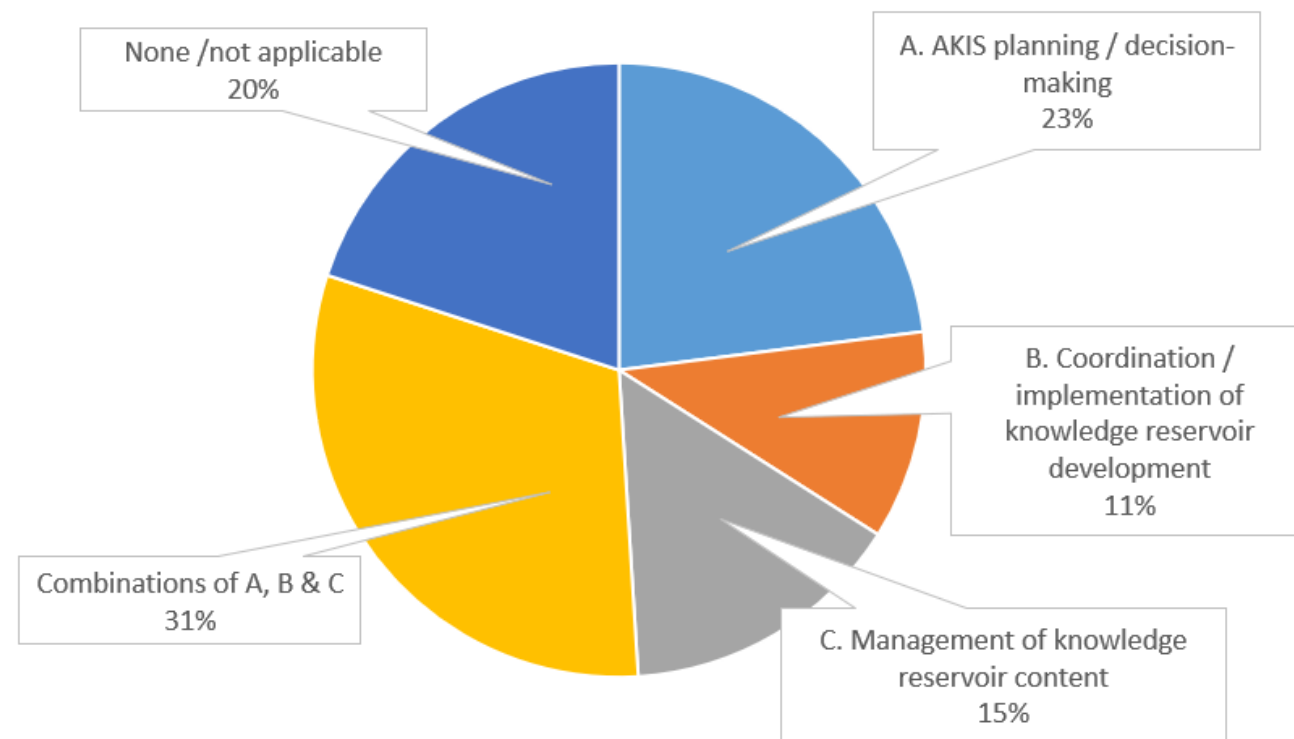


02 Who is here today?



Your 'function'

...regarding 'knowledge reservoirs for practice'



Let's network! Please introduce yourself in the chat



EU-FarmBook

SETTING THE SCENE

Ana Patricia Lopez Blanco

Inge Van Oost

Setting the scene

- Horizon Europe agricultural and rural research and innovation: relevance of the EU-FarmBook project - Ana Patricia Lopez Blanco
- EU and National Knowledge reservoirs for practice in the context of the AKIS strategic approach in CAP plans - Inge Van Oost



Horizon Europe agricultural and rural research and innovation: relevance of the EU-FarmBook project

Patricia Lopez

DG AGRICULTURE & RURAL DEVELOPMENT

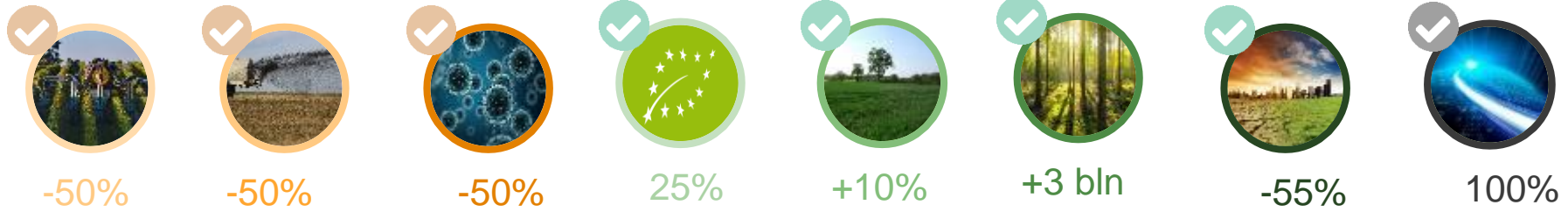
The European Green Deal



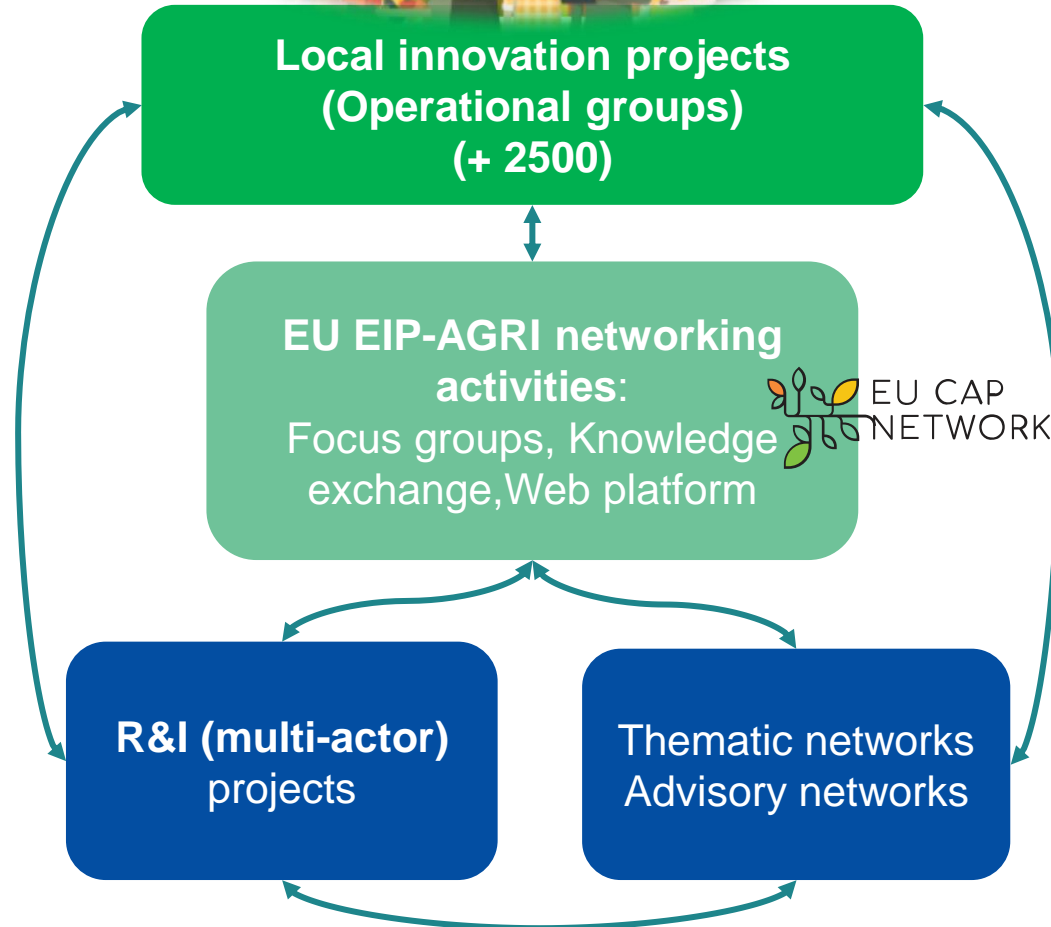
CAP post 2020



R&I are key enablers...



Synergies CAP – R&I deploying knowledge & innovation

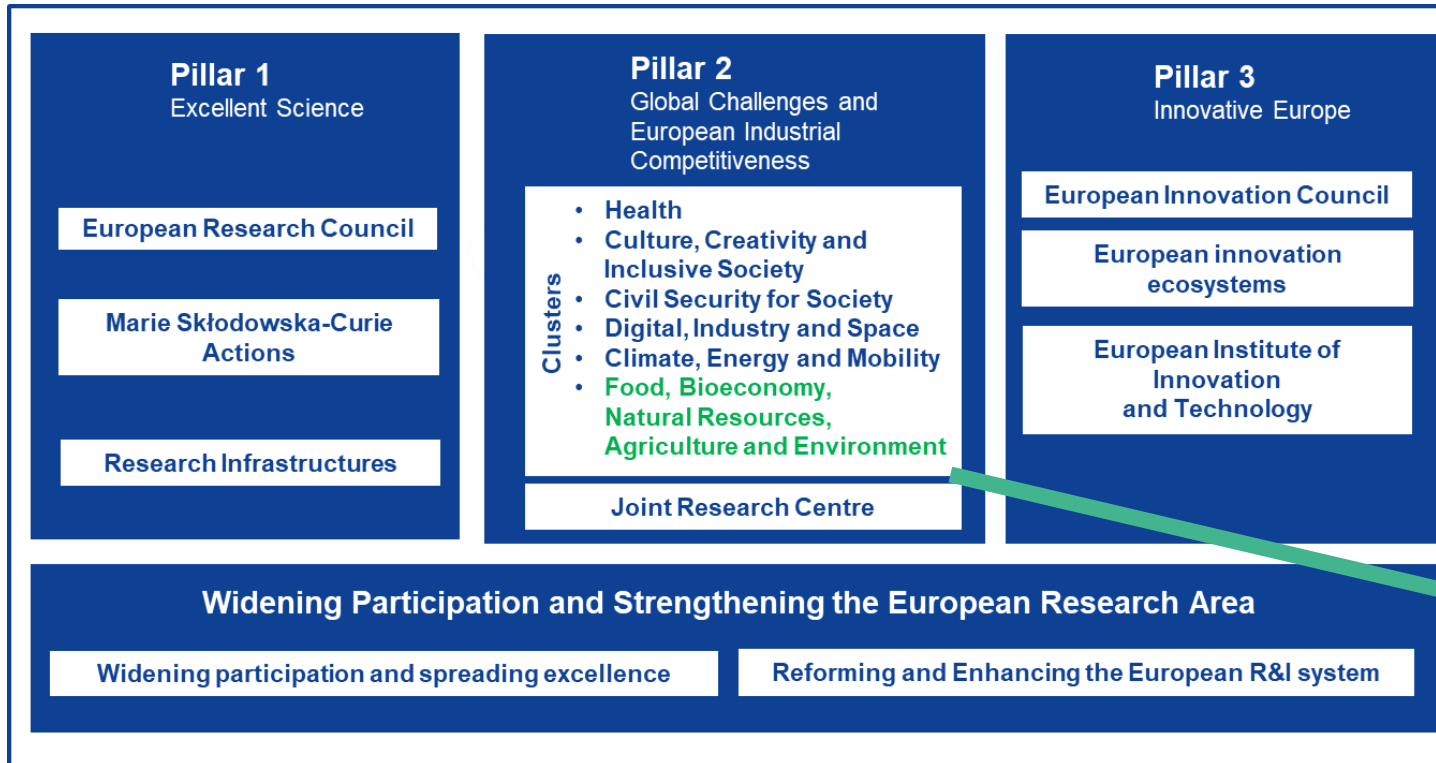


Common Agricultural Policy (CAP)

**Horizon 2020
Horizon Europe**



Horizon Europe




€9 billion
Budget Cluster 6
2021-2027

Horizon Europe Cluster 6: relevance of EU-farmbook

Horizon Europe – EU Research Framework Programme 2021-2027



Strategic Plan 2021-2024:

'Key research areas include Agricultural Knowledge and Innovation Systems in accelerating the transition to sustainable, low ecological footprint, healthy and inclusive food systems.'

Work Programme 2021-2022:

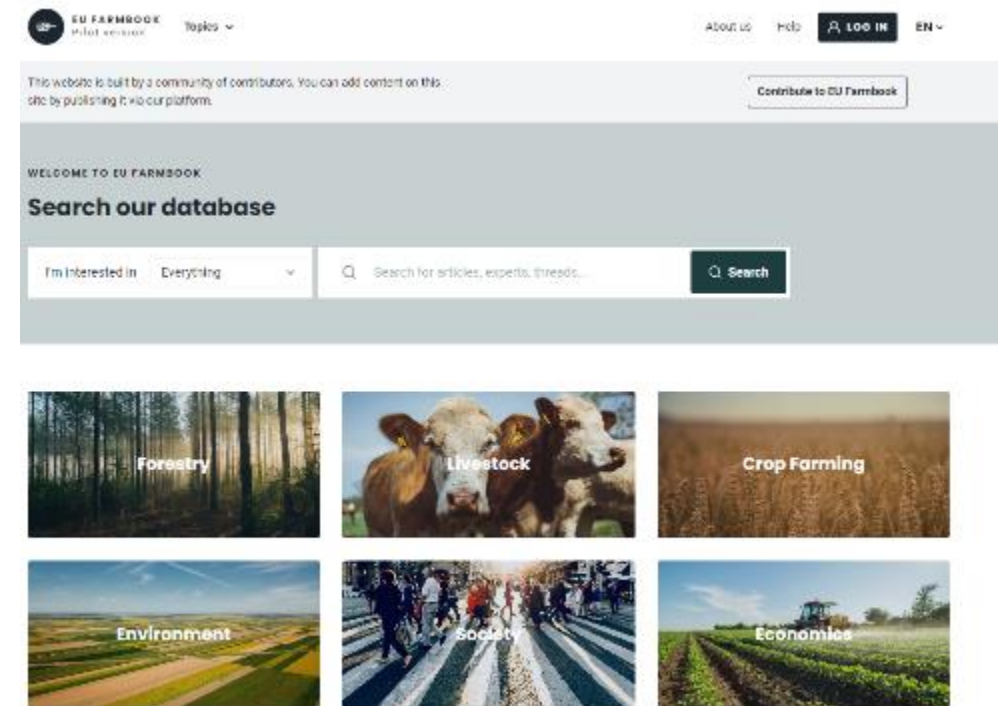
Destination 7 – Innovative governance, environmental observations and digital solutions in support of the Green Deal: Strengthening agricultural knowledge and innovation systems, includes:

- Broaden EIP Operational Group outcomes across borders
- **Supporting knowledge exchange between all AKIS actors in the Member States**
- Improving national AKIS organization in a co-creative process across the EU
- Deepening the functioning of innovation support
- Developing EU advisory networks on consumer-producer chains
- Thematic networks to compile and share knowledge ready for practice

EU Farmbook project: basic data



- Start date: 1 August 2022 - End date: 31 July 2029
- EU Grant agreement ID: 101060382
- Budget: 15 Million Euros
- Links:
 - <https://eufarmbook.eu/>
 - <https://cordis.europa.eu/project/id/101060382>
- Project lead: University of Ghent



Expectations for EU-Farmbook

HORIZON-CL6-2021-GOVERNANCE-01-24

- **Multiply practice-oriented knowledge use**, build capacities and demonstrate innovative solutions to accelerate the transition to sustainable management and use of natural resources in farming and forestry
- More **informed and engaged stakeholders and users of project results** including primary producers
- Collect **outcomes of projects from Horizon 2020 and those from Horizon Europe (Multiactor)**, and of all **EIP-AGRI Operational Group innovative projects**
- Making **information and knowledge readily available and easy accessible** to farmers, foresters, advisors and other users of practice-ready knowledge
- Support on **concrete practice-oriented knowledge co-creation (digital)** organisation and sharing of approaches

Cooperation from Horizon Europe funded AGRI research

- +10 topics with the requirement: *Provide all outcomes and materials to*
 - *EU-wide interactive knowledge reservoir (HORIZON-CL6-2021-GOVERNANCE-01-24) in the requested formats.*
 - *national/regional/local AKIS channels*

AGRI R&I building blocks to support AKIS implementation



modernAKIS

ATTRACTISS

EU-FarmBook: supporting knowledge exchange between all AKIS actors in the European Union

Start date: 01/08/2022
End date: 31/07/2029

[Grant agreement ID: 101060382](#)

Modernisation of Agriculture through more efficient and effective Agricultural Knowledge and Innovation Systems

Start date: 01/09/2022
End date: 31/09/2029

[Grant agreement ID: 101060527](#)

Activate and TRigger ACTors to deepen the function of Innovation Support Services

Start date: 01/10/2022
End date: 31/09/2028

[Grant agreement ID: 101061060](#)

Thank you



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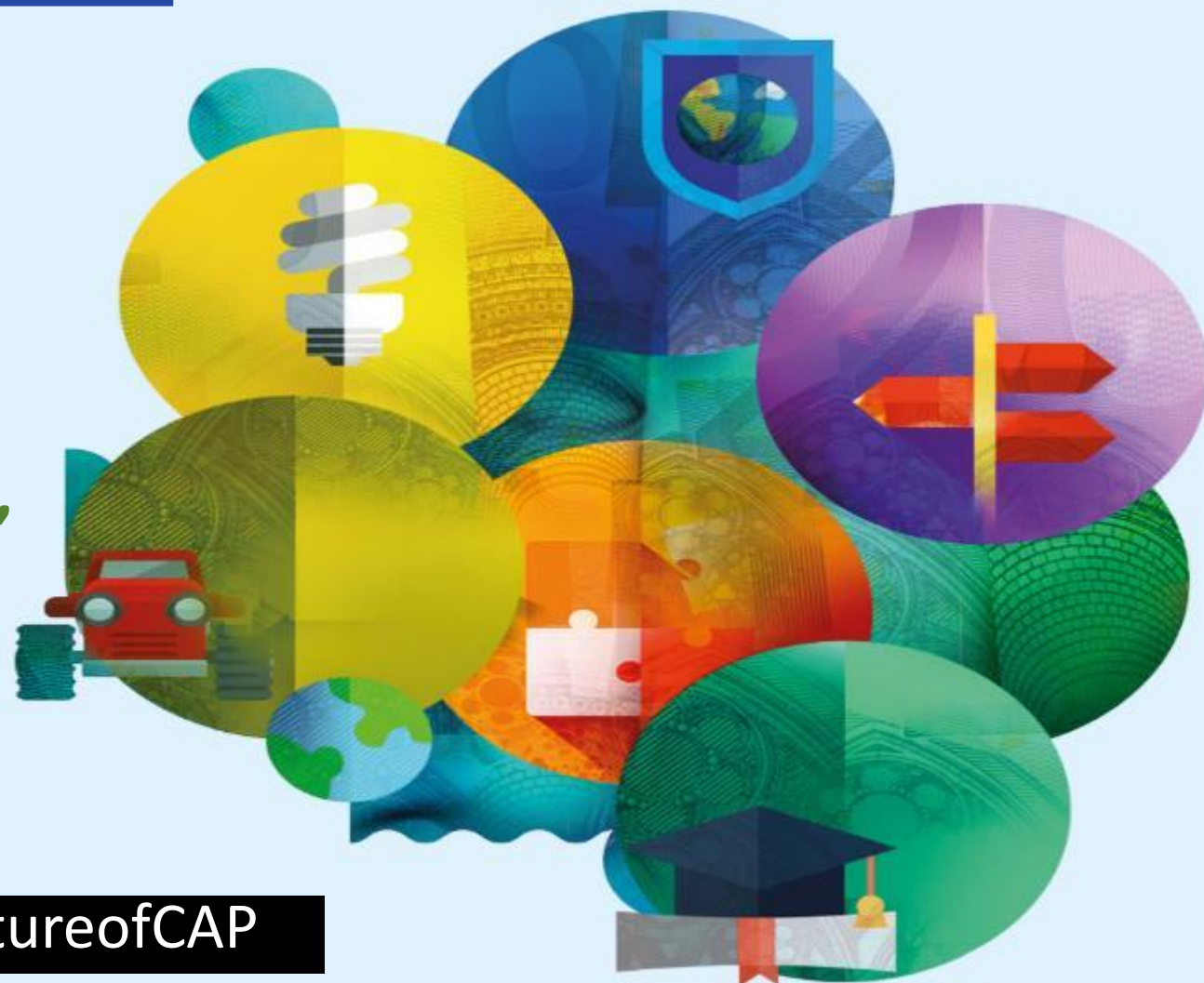
COMMON AGRICULTURAL POLICY

2023-2027



EU and National Knowledge reservoirs for practice in the context of the AKIS Strategic Approach in MS' CAP Plans

Inge Van Oost - DG AGRI
European Commission
EU-FarmBook online policy makers' day
on National/regional Knowledge
reservoirs for practice
26 January 2023



#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://agriculture.ec.europa.eu/system/files/2019-04/building-stronger-akis_en_0.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 (= environment, climate, biodiversity, landscape, 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 focus on AKIS? A reinforced AKIS integrates all AKIS actors and ensures knowledge flows inside Member States & across borders



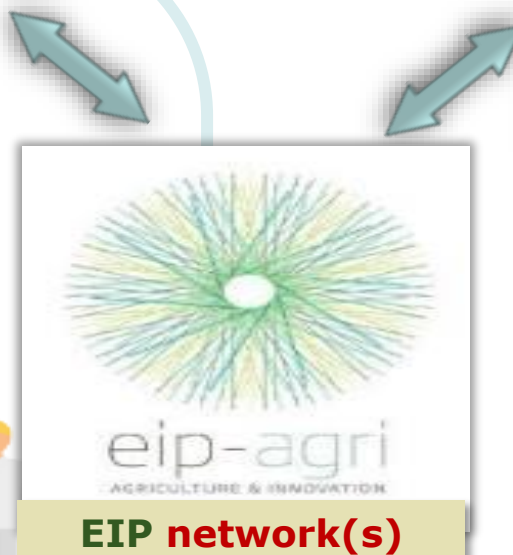
A good AKIS strategy will bring actors together on a structured and regular basis, creating continuous interaction to speed up knowledge exchange, knowledge flows, innovation and most of all: implementation in practice

Synergies between policies: the bigger EIP picture: How to find each other? => AKIS needed

CAP/Rural development
(regional/national level)



- ✓ **OG preparation**
- ✓ **OG projects**
- ✓ **Innovation support services**



Research projects
Multi-actor projects
Thematic networks (interactive innovation)



Involvement of OGs is strongly recommended

developing knowledge hubs/reservoirs for practice can help !



Unique **EU knowledge repository** of contacts and practice abstracts



Spread the results

The EIP-AGRI in short: same principles in AKIS



- 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), see **Art 127(3)**:

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

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

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

Woodrow Wilson –
President of the USA, 1913-1921

Developing knowledge hubs/reservoirs for practice: objectives

- **Collecting practical methods/approaches/practices** which farmers, advisors and any end-user can **immediately apply, are easy to understand and in the native language**. Photo's, videos, leaflets, short brochures, farmers sharing their experience are all very popular "knowledge objects" for practitioners
- **Linking actors for physical events based on the collected information in the knowledge reservoirs:** communication, partnering, dissemination, knowledge flows and collecting practice needs
- **Be aware that a knowledge reservoir for practice is not equal to collecting some good examples** as NRN/national CAP network are used to do, nor to scientific publications. The material in the database must be **ready-to-use, attractive, based on the latest practices and knowledge/science**, but not be scientific abstracts (too long & too difficult for practitioners to use)
- The **content of the reservoir should be impartial**, it should not be meant to be used for commercial purposes

Developing knowledge hubs/reservoirs for practice: potential uses are endless

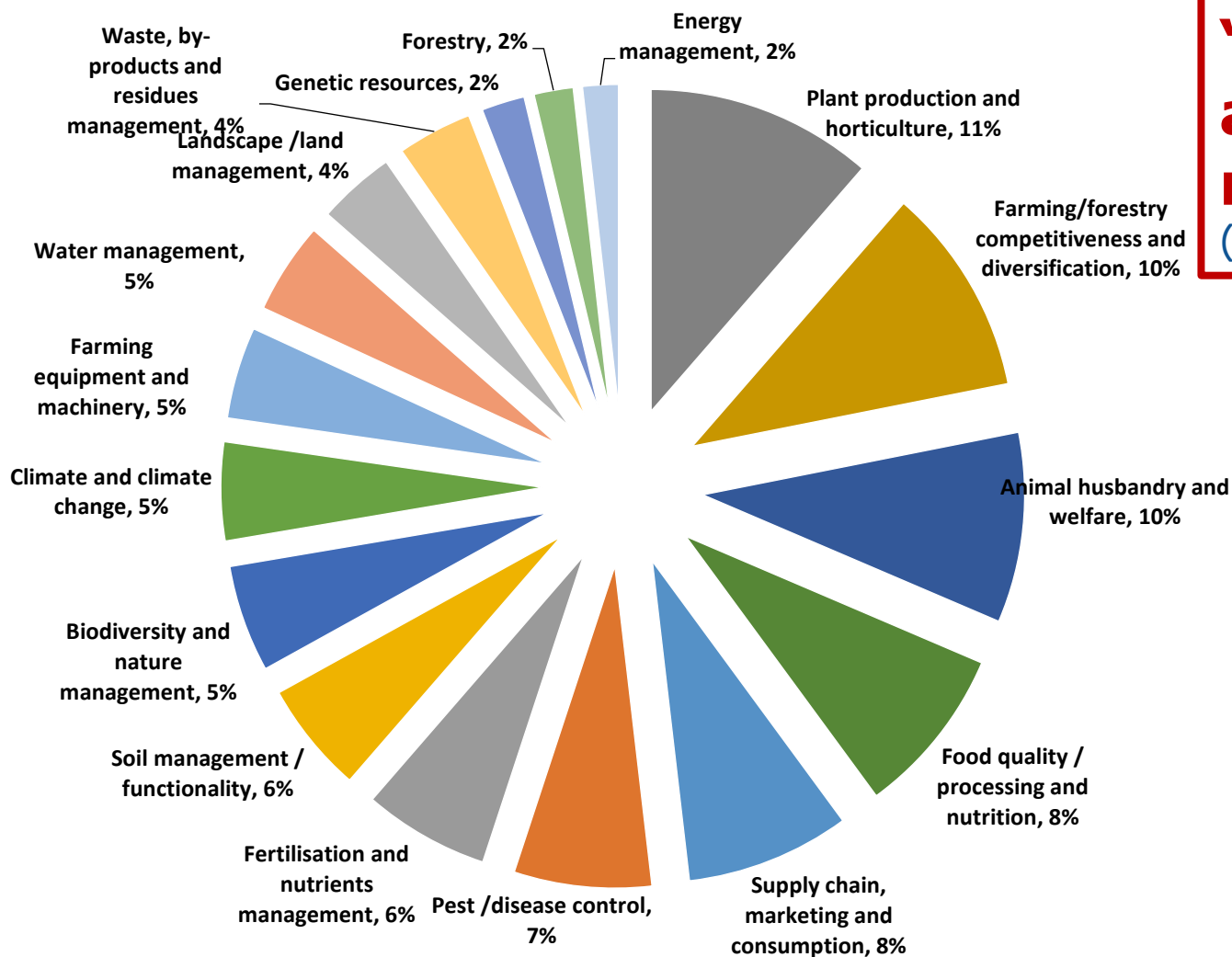
- **The material can be used for many purposes:** education, vocational training of farmers/foresters and other end-users of information, informing advisors integrated in the AKIS and upskilling them, the continuous training for the advisors, on-farm demonstration preparations, any peer-to-peer event by/for practitioners, supporting new entrants, input for discussion groups, drafting in agricultural journals, inspire cross-visits to other MS to learn new practices and techniques, inform innovation support services, delivering info/events to the (social) (agricultural media), TV, radio etc, In short: **a knowledge hub for practice is a pillar for a well-functioning AKIS Strategic Approach where the different actors get informed on each other actions.**
- **Specialist advisors**, in close contact both with practice (through connections with field advisors) and with science (for instance the scientists involved in OGs or Horizon multi-actor projects **are ideal to fill and maintain this reservoir, as it forms part of their job**, and they can help any AKIS actor and in particular the field advisors with it. You can develop a “back-office” with specialist advisors using CAP funds for OGs and/or technical assistance and/or advisory interventions (several MS planned this already for the period 2023-2027)

Developing knowledge hubs/reservoirs for practice: potential uses are endless

- **The knowledge and innovation strand of the national CAP networks can play an important role:** from helping to collect material from stakeholders, to the many (physical) events that can be organized using the content of the knowledge reservoir
- **You are not alone** for the task of developing a knowledge reservoir from practice. **Please do not start from scratch:** we have the EIP OG + Horizon multi-actor projects database on the EIP website (under development to be integrated in the CAP network website)
- Furthermore, already 4 EU advisory networks are running, 5 more have been published for calls in 2023 (EIP brokerage event on 17-18 Jan 2023), and more will be coming. These EU Advisory networks, together with the outcomes of over 43 Horizon thematic networks would be ideal material to fill the knowledge reservoir for practice
- **Today we are here to take state of play, seek synergies,** avoid double costs and overlapping work. **Plenty material is already available, make use for it.**
- **Make use of the EU wide knowledge and innovation network**

A wide variety of OG project subjects:

Green Deal 'avant la lettre': already about 65% of OGs on environmental-climate issues



"EIP" OG projects even act as a test bed for CAP measures

(see IE example - EIP seminar Sep 2021)

Focus on environment & climate (65%)

- Sustainable pest/disease control
- Smart fertilisation / Soil quality
- Animal and plant health
- Supply chain innovation
- Biodiversity management
- Organic farming productivity
- Digital-based solutions
- ...and more

Source: European Commission – official data in SFC (May 2021)

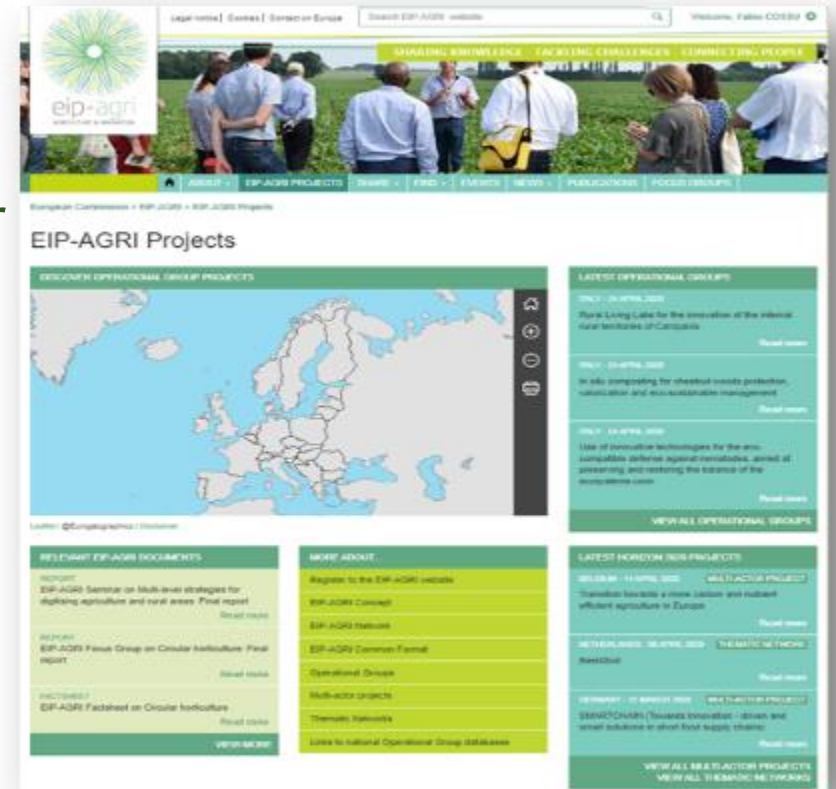
Note: dissemination obligation only after the project finished, so not all running projects are included

Agriculture will be more and more knowledge-intensive



EIP-AGRI – What did we achieve?

- ✓ 26(27) Member States, 98 rural development programmes implementing EIP OG “innovative projects”
- ✓ in 2014-2022 (7 years) more than 3000 OGs running or finished (still 3 years to go) = > **1 bio €**
- ✓ **Next CAP draft plans: almost 3 x more OGs for only 5 years + more variety in O.1 type of interventions (not only “Agr. product.& sustain” oriented development”)**
- ✓ 190 multi-actor projects under Horizon 2014-2020 (two thirds of total projects) for **1 bio Euro** – again many more to come... => A growing and thriving network:



An increasing volume of practice-oriented knowledge to be managed!

www.eip-agri.eu





THE 9 COMMON OBJECTIVES

OG projects will cover all 9 CAP objectives



EURAKNOS & EUREKA have prepared 'EU-FarmBook', an EU wide knowledge reservoir for practice



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RETURN TO OVERVIEW

554 likes 0 comments

The title of this interesting article

January 12, 2018

By Joseph Stevens, Katherine Youth and Forest advisment

Smart Akis

>Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Enim neque volutpat ac. Curabitur blandit tempus porttitor. Donec id elit non mi porta gravida at eget metus. Aenean lacinia bibendum nulla sed consectetur.



More info

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FORESTRY X

CROP FARMING X

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multilingual

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Link one

Interaction: building practice communities

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

Next encounter: AKIS seminar on 14-15 June in Vilnius – save the date!

Provisions on modernisation in the CAP Strategic Plan Regulation 2023-2027

Funding innovative projects.....

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

AKIS in CAP Strategic Plans (Art.114)

developing knowledge hubs/reservoirs for practice can help !

The CAP Strategic Plans shall contain:

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

- **The (future) organisational set-up of the AKIS:** *which organisational improvements are needed? (based on a SWOT)*
- How **advisors, researchers and CAP networks will work together within the framework of the (future) AKIS**, e.g. by **developing knowledge hubs/reservoirs for practice**
- **How advice and innovation support are provided**, e.g. **with support from knowledge hubs/reservoirs for practice**

Farm advice organised within the AKIS structures in CAP Strategic plans (art 78 & 15):

developing knowledge hubs/reservoirs for practice can help !

- ✓ *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 (Art 79), to be able to cover **economic, environmental and social dimensions** and to **deliver up-to-date technological and scientific information** developed by R&I (“**qualifying**” advisors)**
- ✓ **Advisors must be *impartial* and provide Innovation support, in particular for **preparing and implementing Operational Group projects of the EIP AGRI****
- ✓ **Obligatory regular *training* for advisors**

CAP plans post 2020 – main new AKIS issues

developing knowledge hubs/reservoirs for practice can help !

- The CAP Strategic Plans regulation provides **many new or improved tools for AKIS** under the Cross-Cutting Objective:

-**Farm advice**: MS must have impartial advisors integrated within the AKIS covering all sustainability fields with up-to-date K&I, obligatory training

-Support for **knowledge exchange** and information events, including for advice, demo and training, **thematic and cross-sectorial events**

-Obligation to provide **innovation support for OGs - from grassroots ideas**

-**CAP networks** (Art. 113): will connect **existing OGs to collaborate** & interact with **Horizon Europe projects**

2 main & linked instruments for AKIS:

1. **Back-office for advisors** –
"knowledge hub" Art 114(a)
2. **Innovation support service** –
"Innovation hub" Art 15(4)

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://agriculture.ec.europa.eu/system/files/2019-10/report-preparing-for-future-akis-in-europe_en_0.pdf
- **Brochure on innovation support services**:
<https://ec.europa.eu/eip/agriculture/en/publications/eip-agri-brochure-innovation-support-services>

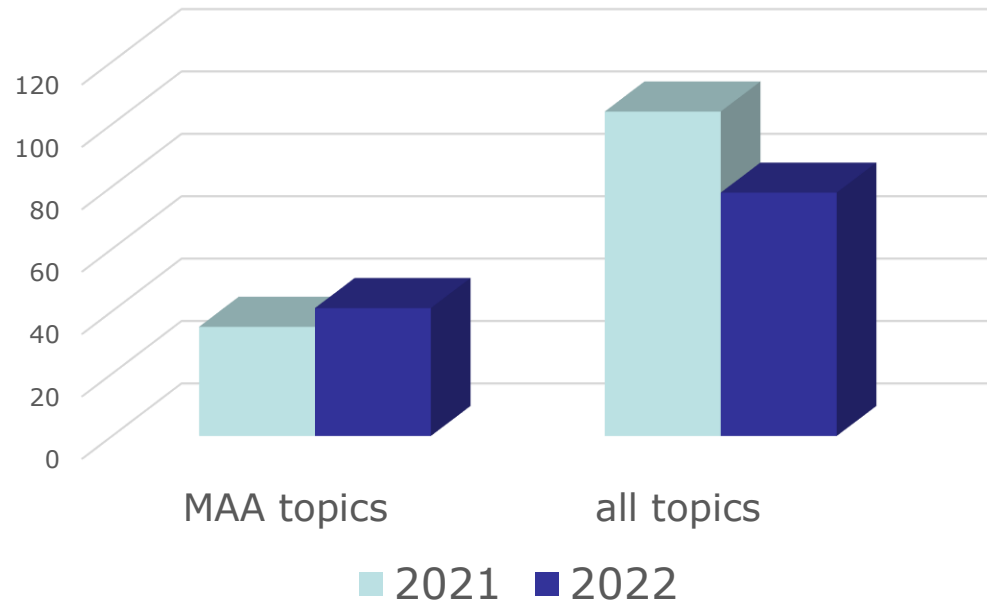


How can CAP networks help strengthening innovation and knowledge exchange on all 9 CAP objectives?

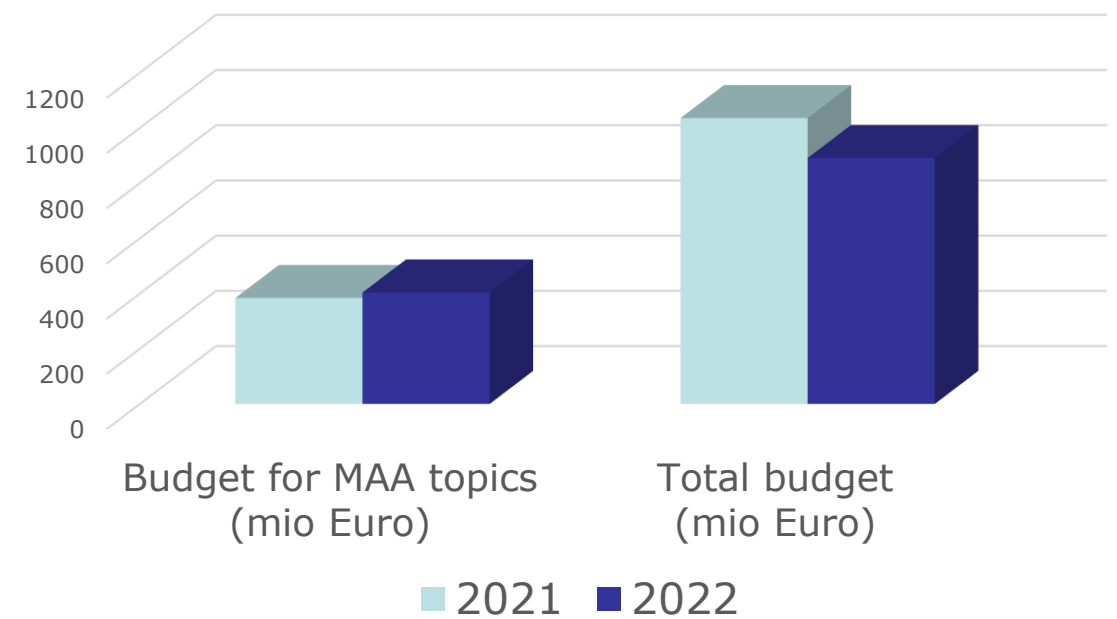
1. **Collect and share outcomes** of 3200+ EIP OGs from current CAP, and of 190 H2020 multi-actor projects + future Horizon Europe MA proj. (+ filtering & translating)
2. Make use of the EIP website + knowledge reservoirs being prepared under H2020 ([\(link to EU-FarmBook\)](#)),
3. **Connect OGs with Horizon projects** = great added value.
4. **Keep the inventory of OGs and advisors up to date!**
developing knowledge hubs/reservoirs for practice can help !
Also for improving the quality of OGs and HE MA projects
5. 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**, **education**, **Innovation Support** ([\(link to ATTRACTISS\)](#)), ...
6. Organising **events** to link and network AKIS actors for future cooperation

2021-2022 budget Horizon Europe: half are Multi-Actor topics => to find competent non- scientific actors is essential (adv. dbase => visibility↑)

Number of topics



Budget for MAA projects



	Number of MAA topics	MAA Topic share	Total number of topics	Budget MAA topics (mio Euro)	MAA Budget share	Total budget (mio Euro)
2021	35	34%	104	383,5	37%	1035,3
2022	41	53%	78	403,5	45%	890,64
Total	76	42%	182	787	41%	1925,94

AKIS & EIP-AGRI – prepare an EU knowledge reservoir for practice which will help the advisors' back-offices for innovation support and more competent advice

- ✓ **FARMBOOK:** (2022-2029) MS plan or already have **knowledge databases**, we need to ensure they become **interoperable**, to save costs and avoid duplication through cooperation!
- ✓ **MODERNAKIS** project (2022-2029): helps MS learn from each other how to build a **well-functioning AKIS** and what are good AKIS interventions (exchanging experiences and train new actors)
- ✓ **ATTRACTISS** project (2022-2027) helps the building of **innovation support services** across the EU and shares the related knowledge
- ✓ **EU advisory networks, EU thematic networks, EU thematic networks built on at least 5 OGs** from 3 MS



Cooperation between those projects is essential

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”

Knowledge reservoirs post 2020

Reflect very well on what you want. A thorough discussion and analysis with IT experts and your target audience before you write the tender for your knowledge reservoir for practice is essential

We can start here today

And profit from the experience from the EU-FarmBook colleagues

Building and linking AKISs across the EU

*Speed up creativity and
practice application*

*Better connectivity and
quicker circulation of
information*

Speeding up knowledge exchange and innovation



Thanks for your attention

Inge Van Oost – European Commission DG AGRI – Inge.Van-Oost@ec.europa.eu

https://eu-cap-network.ec.europa.eu/support/innovation-knowledge-exchange-eip-agri_en

Questions?



More info available in next slides.....

AKIS Coordination Body

The AKIS coordination body should be (inter)acting as the spider in the AKIS web of the country, interconnecting all key AKIS influencers

- The above responsibilities make it most likely that the AKIS coordination body is situated in the RD Managing Authority of the Ministry of Agriculture
- But **supported by** AKIS networks/platforms/competence centres etc
- Making up a **roadmap, action plan, targets, milestones** etc
- It is the task of the AKIS coordination body **to organise the advice and advisors**, ensuring coverage of all obligatory fields in Art 15 in a smooth way which does not produce overly administrative burden, and
- And must keep advisory support open for all public and private advisors, in particular the ones most trusted by farmers/foresters

Info: EIP Seminar on AKIS strategies in CAP Strategic Plans

16-18 September 2020 (the full seminar was recorded 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.

<https://ec.europa.eu/eip/agriculture/en/event/preparing-cap-strategic-plans-role-innovation>

Actions related to AKIS Strategic Approach: **KNOWLEDGE FLOWS**

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, interlink and make use of knowledge reservoirs for practice, digital skills development,...

New Horizon Europe projects relevant for the AKIS – Kick-Offs ongoing (30 mio €)



modernAKIS

ATTRACTISS

EU-FarmBook: supporting **knowledge** exchange between all AKIS actors in the European Union

**EU knowledge reservoir
(collecting and sharing all OG and
MA project materials)**

Start date: 01/08/2022

End date: 31/07/2029

[Grant agreement ID: 101060382](#)

Modernisation of Agriculture through more efficient and **effective Agricultural Knowledge and Innovation Systems**

EU exchange on AKIS structuring and interventions

Start date: 01/09/2022

End date: 31/09/2029

[Grant agreement ID: 101060527](#)

Activate and TRigger ACTors to deepen the function of **Innovation Support Services**

EU exchange on ISS structuring and interventions

Start date: 01/10/2022

End date: 31/09/2028

[Grant agreement ID: 101061060](#)

New Horizon Europe projects relevant for the Innovation strand of the EU CAP Network: Thematic Networks: will link with the AKIS structures

B-THENET

Best practices and innovations for
a sustainable beekeeping

Start date: 01/09/2022
End date: 31/08/2026

[Grant agreement ID: 101059812](#)

BROILERNET

Practice and Science Broiler
Production Innovation Network

Start date: 01/08/2022
End date: 31/07/2026

[Grant agreement ID: 101060979](#)

Grazing4AgroEcology

European Network to promote
grazing and to support grazing-
based farms on their economic
and ecologic performances as well
as on animal welfare

Start date: 01/09/2022
End date: 28/02/2026

[Grant agreement ID: 101059626](#)

New Horizon Europe projects relevant for the Innovation strand of the EU CAP Network

New projects from the call
2021:

**Broaden EIP
Operational Group
outcomes across
borders by means of
thematic networks,
compiling and
sharing knowledge
ready for practice
(minimum 5 OGs of
minimum 3 MS)**

Oper8

European **Thematic Network** for
unlocking the full potential of
Operational Groups on alternative
weed control (20 OGs)

Start date: 01/10/2022
End date: 30/09/2025

[Grant agreement ID: 101060591](#)

CLIMED-FRUIT

Adaptation to climate change and
mitigation for perennial crops in
Mediterranean Area.

Start date: 01/10/2022
End date: 31/09/2029

[Grant agreement ID: 101060474](#)

New Network, New Identity

Innovation (yellow = optimism, energy, happiness, creativity of mind, intellect)



Blooming together....

EIP/AKIS: current situation after CAP network launch



Innovation & knowledge exchange | EIP-AGRI

Support Facility for Innovation and Knowledge exchange including EIP-AGRI

The 'Support Facility for Innovation and Knowledge exchange including EIP-AGRI' is a key part of the EU CAP Network. Its role is to facilitate communication and cooperation between those with a keen interest in sharing knowledge and innovative ideas for sustainable agriculture, forestry and rural areas.

It connects farmers, foresters, advisors, researchers, business representatives, environmental groups, NGOs, consumer interest groups and other innovators in the EU CAP Network. Its ultimate aim is to help build up robust flows of knowledge and speed up innovation in agriculture, forestry and rural areas.



EIP/AKIS: current situation after CAP network launch



European Commission > EIP-AGRI > About EIP-AGRI > AKIS in the EIP-AGRI spotlight



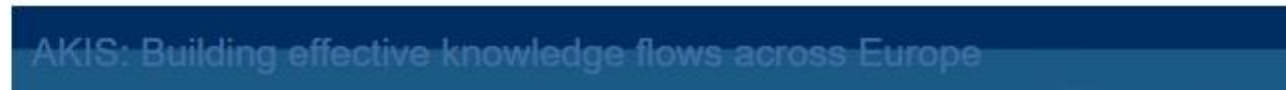
- About
- Europe 2020 strategy
- Funding streams
- Operational Groups
- Horizon Europe
- Horizon 2020
- Multi-actor projects
- Thematic networks
- AKIS

AKIS in the EIP-AGRI spotlight

What is AKIS?

Knowledge and innovation play a crucial role in helping farmers, foresters and rural communities meet current and future challenges. To make sure that relevant people get connected, and that knowledge is shared between everyone who uses and produces it, effective '**Agricultural Knowledge and Innovation Systems**' (AKIS) are needed across the EU. This will further support the development of innovative solutions that work in practice.

Watch the EIP-AGRI animated video '**AKIS: Building effective knowledge flows across Europe**' to see what AKIS stands for, and how it can help tackle current and future challenges for farmers, foresters, rural communities and many others.





EIP/AKIS: current situation after CAP network launch

[ABOUT](#)[EIP-AGRI PROJECTS](#)[SHARE](#)[FIND](#)[EVENTS](#)[NEWS](#)[PUBLICATIONS](#)[FOCUS GROUPS](#)

[European Commission](#) > [EIP-AGRI](#) > [About EIP-AGRI](#) > [Operational Groups](#)

[About](#)[Europe 2020 strategy](#)[Funding streams](#)[Operational Groups](#)[Horizon Europe](#)[Horizon 2020](#)[Multi-actor projects](#)[Thematic networks](#)[AKIS](#)[Subgroup on Innovation](#)[EIP-AGRI Support Facility](#)[EIP-AGRI multiplier toolkit](#)

Operational Groups

Operational Groups are intended to bring together multiple actors such as farmers, researchers, advisers, businesses, environmental groups, consumer interest groups or other NGOs to advance innovation in the agricultural and forestry sectors.

Learn more about Operational Groups:

- [What is innovation?](#)
- [Concept EIP-AGRI Operational Groups](#)
- [Video: Operational Groups - first experiences](#)
- [Operational Groups database](#)
- [Innovation support services](#)
- [How to evaluate innovation?](#)
- [Contact Managing Authorities](#)
- [Links to national Operational Group databases](#)

EIP/AKIS: current situation after CAP network launch

AKIS

Digital agriculture

EIP-AGRI projects database

EIP-AGRI Operational Groups

Events

30-01

NOV-DEC

2022

TRAINING AND WORKSHOPS

EIP-AGRI workshop "Young entrepreneurs - Engines of innovation in rural areas"

06-07

DEC

2022

CONFERENCES AND SUMMITS

EU CAP Network Seminar 'Smart circular farming to address high energy and fertiliser prices'

https://eu-cap-network.ec.europa.eu/support/innovation-knowledge-exchange-eip-agri_en

Filter by

Events (2)



Keywords

Status

Upcoming and ongoing

Event type

Select

Event date

Select

Subject

Select

Organisers

EIP-AGRI Support Facility

Showing results 1 to 2

STATUS Upcoming and ongoing

ORGANISERS EIP-AGRI Support Facility

17-18
JAN
2023

EXPERT MEETINGS

EU CAP Network Brokerage event 'Get involved in Horizon Europe advisory networks'

Bulgaria

24-25
JAN
2023

EXPERT MEETINGS

EU CAP Network Focus Group recovery of abandoned agricultural lands

Spain

AKIS seminar 14-15 June 2023
With support of the **ModernAKIS** project

Tool on AKIS

CAP tool on CCO: content on AKIS strategic approach and interventions

https://ec.europa.eu/eip/agriculture/sites/default/files/8.1_tool_for_modernisation_-_akis_and_digital_technologies_-_on_circabc_7_oct_2021.pdf

Legal references and their interaction

- Why do we need well-functioning AKIS?
- How to shape an AKIS fit for the future?
- Strengthen knowledge flows and links between research and practice
- Fostering all farm advisors' knowledge and strengthen their interconnections within the AKIS
- Enhancing cross-thematic and cross-border interactive innovation
- Making effective use of information and communication technologies to improve knowledge sharing

Tool on AKIS

CAP tool on CCO: AKIS

- Main new elements in the post 2022 CAP related to AKIS and EIP
 - Obligations
 - Opportunities
- **Cornerstones for an AKIS fit for the future**
 - EIP-AGRI Operational Group (OG) innovative projects - Art. 71 and 114
 - CAP networking for innovation post 2022 - Art. 113 and Art. 102(a)
 - New and more interactive functions for advisors, innovation support
- How reflect the AKIS Strategic Approach in the CAP plan?

Tool on AKIS

CAP tool on CCO: AKIS + Annexes

[8.1 tool for modernisation - akis and digital technologies - on circabc 7 oct 2021.pdf \(europa.eu\)](#)

- AKIS related impact, result and output indicators
 - Impact indicator (Article 7, Annex I of the SPR)
 - Output indicators (Article 7, Annex I of the SPR)
 - Main Result indicator (Articles 7, 97 and Annex I of the SPR)
- Guidance questions for the assessment of the AKIS strategic approach
- **Annexes – very useful !!!**
 - I. Background information on AKIS
 - II. Why do we need well-functioning AKIS?
 - III. Basics on EIP Operational Groups
 - IV. **Innovation related CAP networking elements** to be brought to the MS' attention when developing their CAP plan
 - V. **Good practices to integrate advisors in the AKIS**
 - VI. Links to Horizon 2020 and Horizon Europe projects
 - VII. Common format for the output of EIP OG projects

Use Communication material from the EIP-AGRI at EU level: filter, translate, and spread knowledge from abroad

- Use the Database of OGs to connect OGs etc within and beyond the country/region
- AKIS animated infographic: <https://ec.europa.eu/eip/agriculture/en/news/new-animated-video-akis-building-effective>
- Updated overview of the Focus Groups: https://ec.europa.eu/eip/agriculture/sites/agri-eip/files/focus_groups_state_of_play_november_2020_update.pdf
- List of EIP-AGRI Events 2013-2020: https://ec.europa.eu/eip/agriculture/sites/agri-eip/files/eip-agri_factsheet_overview_eip-agri_events_2020_en.pdf
- Animated infographics: [Innovation Support Services](#), [Soil Salinisation](#), [Focus Groups](#) , etc
- [Agrinnovation magazine](#) on soil – Sept. 2020
- Monthly newsletter, press articles, Brochure on climate-smart agriculture, Thematic campaigns (social media, newsletter): animal welfare, soil, forestry, Operational Groups and new farmers



Further info:

SWG SCAR AKIS 4 report: [Documents \(scar-europe.org\)](https://scar-europe.org)

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

AKIS animated infographic (3 min):

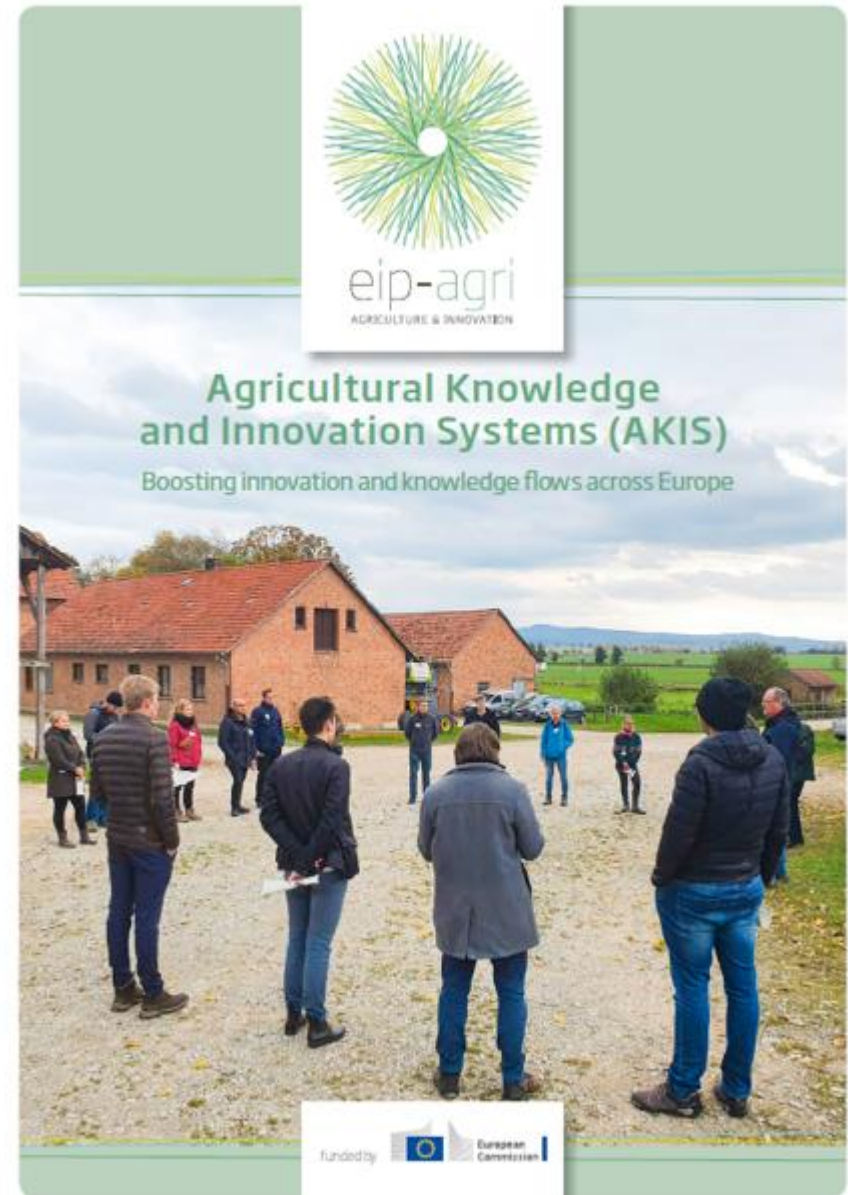
<https://ec.europa.eu/eip/agriculture/en/news/new-animated-video-akis-building-effective>

June 2021 webinars on EIP-AGRI website <https://ec.europa.eu/eip/agriculture/en>

[14-15 June 2023: next AKIS seminar](#)

EIP-AGRI communications

- A **Thematic webpage on AKIS + new AKIS brochure** is created:
<https://ec.europa.eu/eip/agriculture/en/about/akis-eip-agri-spotlight>
- **Press article on advisory Back-Office in Slovenia feeding into Innovation support and the whole AKIS:**
<https://ec.europa.eu/eip/agriculture/en/news-events/press-media/press-release/slovenia-integrates-advisors-its-national>



Integrating advisors within the AKIS: some examples...(1)

CAP networks can help providing info or organising events for many of these interventions/tasks

- ✓ Advisor giving **holistic on-farm one-to-one advice** on economic, environmental and social dimensions, capable of delivering up-to-date technological and scientific information developed by R&I (very broad scope)
- ✓ **Specialist advisor** on a certain theme, on-farm or off-farm (**“back-offices”**)
- ✓ Provide **individual innovation support**: capture grassroots innovative ideas and accompany the preparation and implementation of an EIP OG (CAP networks can bring innovation brokers together to learn from each other)
- ✓ **(Obligatory yearly) training of advisors** on themes, or learning new approaches and skills (eg social farming, digital, short chains, ...)
- ✓ **Advisors can provide training** farmers, farm workers etc (eg IPM)

Integrating advisors within the AKIS: some examples...(2)

- ✓ Advisors *joining/organising knowledge exchange events with researchers*, farmers etc, making workprogrammes, *exchanging practical needs*, Advisors writing in agricultural journals, websites, social media, newsletter, EIP event coordinator
- ✓ Advisors leading a multi-actor thematic network (e.g. RMT) at national/regional level
- ✓ Advisor organizing a farm demonstration, a fair, another type of event
- ✓ Advisor as **partner in an EIP OG**, research project, communication event,...
- ✓ Advisor going abroad to learn and come back to train and disseminate new knowledge (“**advisor mobility budget**”)

=> Result: advisors are integrated within the AKIS system (in a fully integrated manner, serving and making use of all kind of interventions)



EU-FarmBook

EU-FARMBOOK: WHAT IS IT?

Pieter Spanoghe, General Project Coordinator



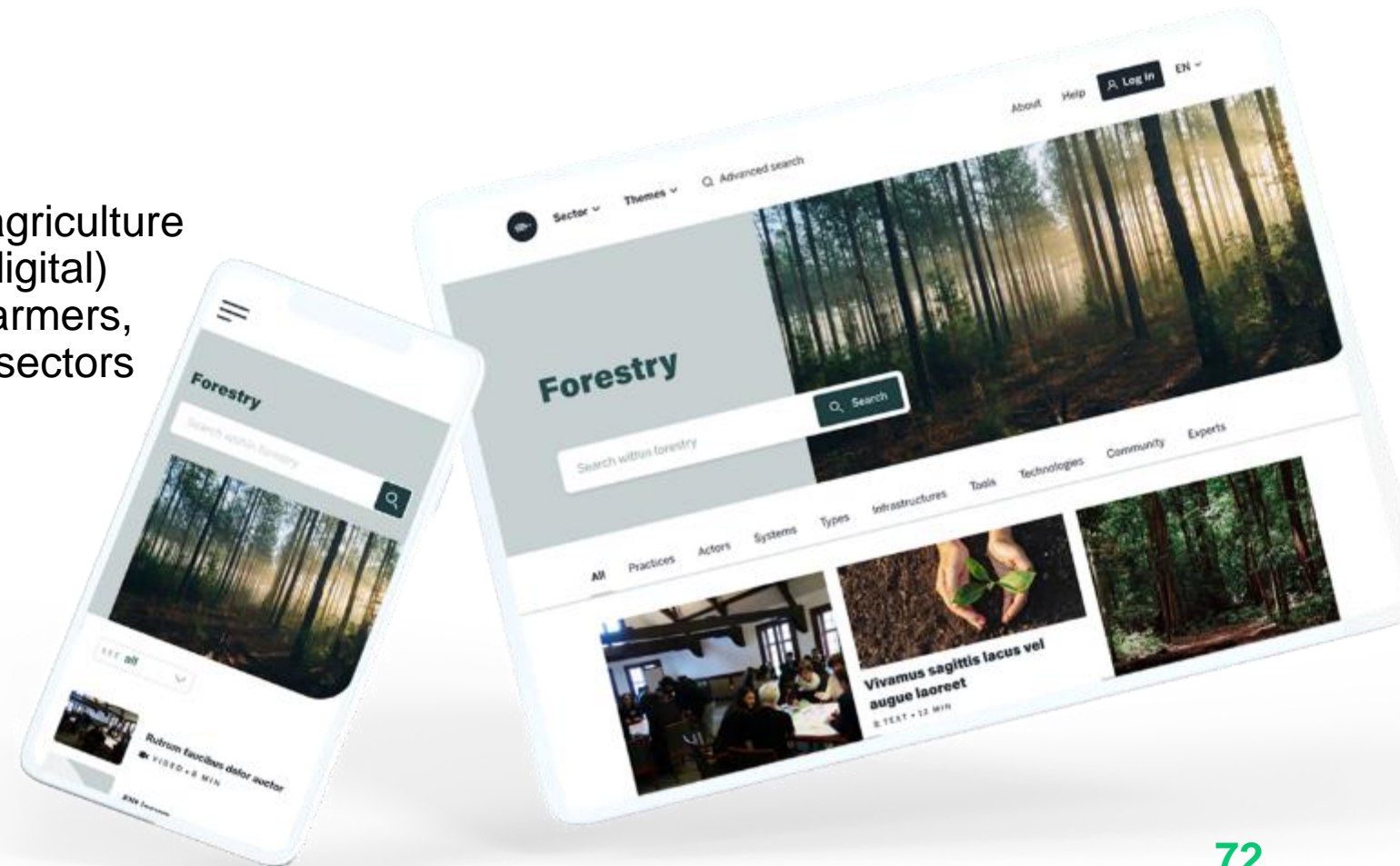
Credit: *Thomas Fuchs*

[short video](#)



EU-FarmBook digital platform

The **future of innovation** in European agriculture and forestry is based on the improved (digital) **exchange of best practices** between farmers, researchers and advisors from different sectors and Member States.



Erdészet

[Keresés](#)

[Minden tartalom](#) [Közösség](#) [Szakértők](#)

Témák és beszélgetések

TEST

joachim
13 hours ago

Dit is een test

[nincs hozzászólás](#)

test

joachim
2 months ago

Community chat

Csatlakozzon a közösséghez
Szeretné megosztani visszajelzésait és bekapcsolódní a beszélgetésbe?

[Feliratkozás](#)

Silvicoltura

[Cerca](#)

[Tutti i contenuti](#) [Community](#) [Esperti](#)

UN TOTALE DI 0 SILVICOLTURA ESPERTI

ORDINA PER **Relev.**

Ops, non abbiamo trovato nessun autore su questo argomento.

[← Torna alla homepage](#)

Expert database

Multiple languages

← RETURN TO OVERVIEW

Search results for 'soil'

A TOTAL OF 2 RESULTS

SORT BY **Relevantie** ▾



Haywood Oaks Farm – how tree planting can save the soil

 FORESTRY  VIDEO

This video shows the benefits of tree planting to prevent soil erosion and soil quality degradation from heavy rains.

KEYWORDS:

SAND LAND **WIND EROSION** **WATER EROSION**



Whitehall Farm – planting to improve economic returns

 FORESTRY  VIDEO

This video shows a farm that has integrated trees into their wheat, barley, clover and vegetable-producing business, establishing the larges...

KEYWORDS:

WIND EROSION **SOIL DEGRADATION**

FRUIT TREES

Active filters

[Clear all filters](#)

FORESTRY ✕

Category

- Livestock
- Society
- Economics
- Environment
- Crop Farming
- Forestry

Subcategories

Keywords

Language

Location

Macrocategories

Type

← RETOUR À L'APERÇU

↑ 0 j'aimes ↓ 🗨️ aucun commentaire 



Ferme Haywood Oaks – comment la plantation d'arbres peut sauver le sol

6 days ago
par **The Woodland Trust**
AFINET

[Traduit automatiquement](#)

Cette vidéo montre les avantages de la plantation d'arbres pour prévenir l'érosion des sols et la dégradation de leur qualité par les fortes pluies.

Données

[Afficher plus](#)

langcode

fr

Plus d'informations

Objectif: diffusion
filetype: vidéo

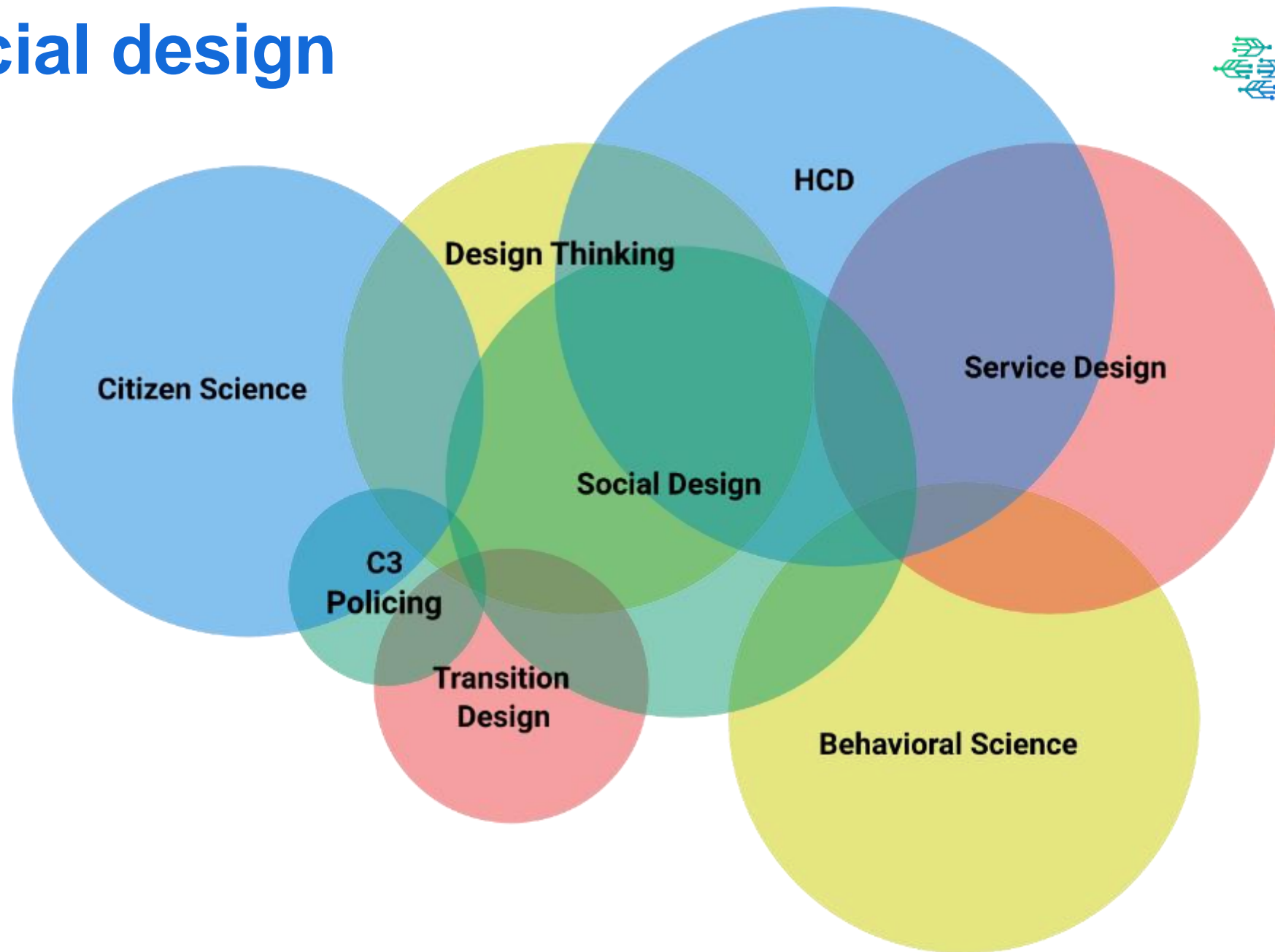
Liens connexes

AFINET

Education & training



Social design



Communication

In Europe
Agricultural journalism starts here

We are the European network of agricultural journalists

22
national guilds

3300 +
agricultural journalists
and communicators

2011
founded

Follow Us



EU-FarmBook

STATE-OF-PLAY IN MS: PRELIMINARY OVERVIEW

Mark Redman

01 Preliminary survey results



89 valid survey responses from 26 Member States with 27 CAP Strategic Plans

...including 8 regions in BE*, ES and IT

02 Preliminary survey results



“Is there an online knowledge reservoir for practice proposed in your CAP Strategic Plan?”

Definitive **YES** for **6 CAP Plans** -> BE-F, EE, HU, HR, IT & SI

Definitive **NO** for **9 CAP Plans** -> AT, BE-W, BG, CY, DE, DK, LV, RO & SE

Contradictory responses (Yes & No) for **12 CAP Plans** -> likely to be two reasons:

1. Slightly complex situation with regional AKISs in ES
2. Different interpretations of “knowledge reservoir for practice”

03 Preliminary survey results



Language

Three types of language content proposed:

- Monolingual in national language
- Bi-lingual in national language + EN
- Multi-lingual in 2 or more national / regional languages

04 Preliminary survey results



Anticipated users/target groups

- All proposed knowledge reservoirs for practice target -> farmers and advisors.....and researchers!
- Foresters are less targeted -> similar priority to education and policy-makers
- “Supply chain businesses” are least targeted -> but still identified as a relevant group

05 Preliminary survey results



Anticipated content

- Very rich and diverse
- No preliminary biases detected -> but we will continue with analysis

06 Preliminary survey results



Easy exchange of content with EU-FARMBOOK

- YES – 46%
- NO – 0%
- DON'T KNOW – 54%



EU-FarmBook

CONNECTING TO THE EU FARMBOOK - HOW AND WHAT?

Hercules Panoutsopoulos
Louis Powell
Laurens Van der Cruyssen

01 Practice-Oriented Materials

... a good example



Summary: Video tutorial on how to optimize the management of production of high-quality fruit. Fruit and nut trees offer ecological and economic benefits.

Source project: AFINET

Subject(s): Crop farming, agroforestry

Keyword(s): agroforestry, management of fruit trees

Purpose: education, dissemination

[Managing trees for the production of high-quality fruit](#)

02 EU-FarmBook: A Knowledge Reservoir for Practice-Oriented Materials



Knowledge Objects

Practice-oriented digital materials generated by EU-funded and national research and innovation (R&I) projects.



Metadata

A set of data to describe a Knowledge Object which will help connect users (farmers, foresters, policy makers, advisors etc.) with information specific to their needs and challenges.



User Content

- Community and message board
- Comments / flags posted against a knowledge object
- Analytics monitoring search terms, impressions, clicks/views etc.

03 Knowledge Objects

Practice-oriented materials result from **research** in which the **objectives** are drawn from professional **practice**, and in which the **knowledge created** in the research contributes directly to this **practice**.



Text documents



Videos



Presentations/slideshows



Podcasts



Software applications



Datasets



Images

04 Metadata

“A set of data that describes and gives information about other data i.e. a Knowledge Object”



Individuals, projects and networks can provide key metadata properties related to the source, content and geographical information related to their knowledge object.



Metadata properties will be generated automatically using techniques such as Deep Learning / Natural Language Processing (NLP)



Language translation software and tools will support the EU-FarmBook to present information in multiple languages, regardless of the original language of a Knowledge Object and its metadata.



The EU-FarmBook knowledge reservoir itself will continually generate metadata for Knowledge Objects, based on user content and interactions.

05 What is Interoperability?

“The ability of different systems and applications across multiple organizations and entities to connect, communicate and share data and information in a coordinated way, without effort from the end user.”



Standards

Data is available in accepted open source standards (e.g. XML, JSON, CSV, RDF) and accessible through standard well-documented interfaces (e.g. web services and APIs)



Metadata

Data (e.g. a Knowledge Object) is supported by rich and descriptive metadata.



Semantics

Data and metadata is semantically rich and uses a common vocabulary or ontology



Governance

Adhering to data management and security guidelines (e.g. GDPR) ensures that data is accurate, consistent of high quality and can be trusted.

06 Why is interoperability important?



- Enables:
 - Data Sharing
 - Needs based access
 - Multi-Language
- Supports:
 - Collaboration and upscaling
 - Decision-making
 - Findability (e.g. via Google search)
 - Understanding context and content
- Reduces:
 - Costs
 - Repetitive / manual work
 - Risks

07 How does the EU-FarmBook promote interoperability?



Interoperability is key to connecting National and Regional Knowledge Reservoirs for practice and the EU-FarmBook with each another.



Generic Properties

Widely used vocabularies and ontologies are used to define and label metadata properties of a more generic nature (e.g. schema.org / Dublin Core)



Domain Properties

Domain specific vocabularies and ontologies used to label metadata properties including “keywords” and “subject” (e.g. EIP-AGRI broad topics and keywords)



Data Types

Defining and enforce data type standards to ensure accuracy of metadata properties (e.g. date and numerical formats).



Continual Improvement


Test, refining and updating the Knowledge Reservoir and content overtime as standards, vocabularies and ontologies evolve.

08 Good Practice for annotating a knowledge object

- Title: A guide for the upload of Knowledge Objects to the EU-FarmBook
- Keywords: EU-FarmBook; Knowledge Object; upload; guide
- Creator(s): Mary Jane; Kate Johnson; Hercules Panoutsopoulos



- Category: Document
- Type: Guide
- Date of completion: 2023/01/26
- Purpose: communication
- General subject: Crop farming, Livestock, Forestry
- Specific subject: Digitalization
- Language(s): English; Italian; Portuguese; Greek



All the background information is provided following the EU-FarmBook guidelines.

09 Not so good practice for annotating a knowledge object

- Title: EU-FarmBook tutorial
- Keywords: video; instructions; project
- Creator(s): M. Jane; K. B. Johnson; H. Panoutsopoulos

- Category: MyTube video
- Type: Practical guide
- Date of completion: 26 January 2023
- Purpose: communication
- General availability: Not available
- Livestream: No
- Specific availability: Not available
- Language: English; Spanish; Portuguese; Hindi



Very generic title providing minimal indications of Knowledge Object; Very generic keywords; Knowledge Object; it is unlikely that they will help make the Knowledge Object easily findable!

Shortened name versions make cause confusion and not allow for letting people know who the creator is.

Values that have been provided by NOT following guidelines and instructions!

Date provided in a non-preferred format!

Values that have been provided by NOT following guidelines and instructions!

EU-FarmBook



10 Hints and Tips for supporting interoperability



- Use open-source standards and interfaces
- Use both common and domain specific open-source vocabularies and ontologies to annotate knowledge objects.
- Provide links (e.g. URIs, DOIs) to connect content directly to a vocabulary or ontology.
- Continuously monitor, test and improve your platform.
- Promote flexibility and adaptability through collaboration.



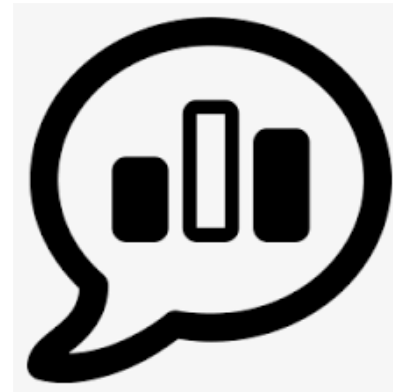
EU-FarmBook



PRIORITY ISSUES FOR DISCUSSION

Priorities issues for discussion

- Attracting **farmers and foresters** to read the information and **apply the practical knowledge**
- Attracting other **AKIS actors**, such as advisors and teachers/lectures to use the knowledge reservoir to **spread the information**
- Data(base) **user-friendliness**
- Quality of **content**
- Enhancing **multi-language** use





EU-FarmBook

EU-FARMBOOK AMBASSADORS: THE CONCEPT AND “WHO IS WHO?”

Lisa Van Dijk

EU-FarmBook Ambassadors



EU-FarmBook Ambassadors





EU-FarmBook

THANK YOU!

WE WILL START AGAIN AT 14.00 CET

SESSION 2: 14:00 - 16:00 CET

- | | |
|----------------------|---|
| 14.00 - 14.15 | Welcome back and explanation of the afternoon session |
| 14.15 - 15.15 | Knowledge exchange on the state of play and expectations from digital knowledge reservoirs for practice among Member States |
| 15.15 - 15.45 | Presentation and consolidation of the knowledge exchange session |
| 15.45 - 16.00 | Next steps: Platform Day in Brussels on 21st February |



EU-FarmBook

**NATIONAL/REGIONAL KNOWLEDGE RESERVOIRS
FOR PRACTICE AS PART OF THE AKIS STRATEGIC
APPROACH IN CAP PLANS**

WELCOME BACK!



Funded by the
European Union

Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or European Research Executive Agency (REA).
Neither the European Union nor the granting authority can be held responsible for them.

Agenda

SESSION 2: 14:00 - 16:00 CET

14.00 - 14.15

Welcome back and explanation of the afternoon session

14.15 - 15.15

Knowledge exchange on the state of play and expectations from digital knowledge reservoirs for practice among Member States

15.15 - 15.45

Presentation and consolidation of the knowledge exchange session

15.45 - 16.00

Next steps: Platform Day in Brussels on 21st February





EU-FarmBook

**EXCHANGE ON THE STATE OF PLAY AND
EXPECTATIONS FROM DIGITAL KNOWLEDGE
RESERVOIRS FOR PRACTICE**

Breakout group discussion

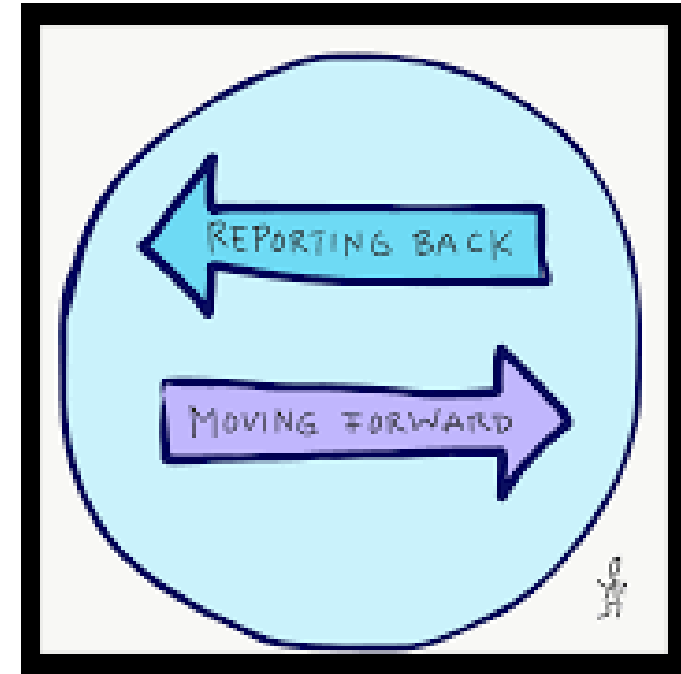
- Attracting **farmers and foresters** to read the information and **apply the practical knowledge**
- Attracting other **AKIS actors**, such as advisors and teachers/lectures to use the knowledge reservoir to **spread the information**
- Data(base) **user-friendliness**
- Quality of **content**
- Enhancing **multi-language** use



- Self-selecting
- Facilitated discussion
- 60 minutes
- Opportunity to move after 30 minutes
- Feedback in plenary

Breakout group discussion

- Attracting **farmers and foresters** to read the information and **apply the practical knowledge**
- Attracting other **AKIS actors**, such as advisors and teachers/lectures to use the knowledge reservoir to **spread the information**
- Data(base) **user-friendliness**
- Quality of **content**
- Enhancing **multi-language** use



2017 @mwh4 



EU-FarmBook

NEXT STEPS: EU-FARMBOOK PLATFORM DAY

Pieter Spanoghe, General Project Coordinator



EU-FarmBook



EU-FarmBook

National/regional knowledge reservoirs for practice as part of the AKIS Strategic Approach in CAP plans – 26th January 2023 (online)

SESSION 1: 10:00 - 12:00 CET	
10.00 - 10.15	Welcome and "who is here?"
10.15 - 10.55	Setting the scene: <ul style="list-style-type: none">• Horizon Europe agricultural and rural research and innovation: relevance of the EU-FarmBook project" (Ana Patricia Lopez Blanco)• EU and National Knowledge reservoirs for practice in the context of the AKIS strategic approach in CAP plans" (Inge Van Oost)
10.55 - 11.10	EU-FarmBook – what is it?
11.10 - 11.25	Preliminary outcomes of the survey on the state-of-play of national/regional knowledge reservoirs for practice in the Member States
11.25 - 11.45	Connecting to the EU Farmbook - how and what?
11.45 - 11.50	Priority issues for discussion in afternoon session
11.50 - 12.00	EU-FarmBook Ambassadors – the concept and "who is who?"
SESSION 2 14:00 - 16:00 CET	
14.00 - 14.15	Welcome back and explanation of the afternoon session
14.15 - 15.15	Knowledge exchange on the state of play and expectations from digital knowledge reservoirs for practice among Member States
15.15 - 15.45	Presentation and consolidation of the knowledge exchange session
15.45 - 16.00	Next steps: Platform Day in Brussels on 21st February



21st
February

EU-FarmBook Platform Day

 Brussels



Funded by
the European Union

Morning program

- 09:00 - Registration of participants
- 09:30 - Introduction by Pieter Spanoghe
- 09:35 - Ana Patricia Lopez (EC – DG AGRI) & Inge Van Oost (EC - DG AGRI)
- 10:10 - Three keynote speeches: testimonials of existing platforms
- 10:55 - Coffee break
- 11:25 - Presentation on the EU-FarmBook
- 11:45 - Guidelines for the parallel sessions of the afternoon
- 12:05 - Questions
- 12:15 - Lunch

Afternoon program

- 13:15 - Parallel sessions
- 14:45 - Coffee break
- 15:15 - Parallel sessions
- 16:15 - Panel discussion
- 17:05 - Closing words
- 17:15 - End of the event
- 19:00 - Dinner



We are looking for people who will actively contribute to the discussion based on their experience

Parallel sessions



The EU-FarmBook and Thematic Networks

- **What:** Working towards a common template for uploading knowledge objects and representing Thematic Networks on the EU-FarmBook.
- **Target Audience:** People with knowledge about the meta-data of their project, communication of their project and IT-infrastructure.

The EU-FarmBook and national authorities for Knowledge Reservoirs for practice

- **What:** Establishing conditions for interoperability with national Knowledge Reservoirs for Practice
- **Target Audience:** People with knowledge about the meta-data of their project, IT-infrastructure to set-up or maintain a national knowledge reservoir and IT-strategy

The EU-FarmBook digital community

- **What:** Establishing conditions for setting up an online community for end-users on the EU-FarmBook
- **Target Audience:** People with knowledge of legal issues with regard to online communities, with strategies for starting and managing online communities

EU-FarmBook conceptual design

- **What:** Re-using components from existing ontologies and vocabularies for a robust technical design of the EU-FarmBook
- **Target Audience:** People with knowledge about agricultural ontologies and/or setting up such ontologies + people working in EU-funded, agriculture- and forestry-related Multi-Actor projects (bringing in domain expertise)



EU-FarmBook

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