

## Update on AKIS in Horizon Europe Cluster 6

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**PROMOTING CLEAN ENERGY** 





**INVESTING IN SMARTER, MORE SUSTAINABLE TRANSPORT** 









**STRIVING FOR GREENER INDUSTRY** 



**FROM FARM TO FORK** 



The European **Green Deal** 



**ELIMINATING POLLUTION** 











**ENSURING A JUST TRANSITION FOR ALL** 







#### Long-term expected impacts









Impact 2 Preservation and restoration of biodiversity and ecosystems



Impact 3 Sustainable and circular management of natural resources; tackling pollution; bioeconomy



Impact 4 Food and nutrition security for all fror sustainable food systems from farm to fork



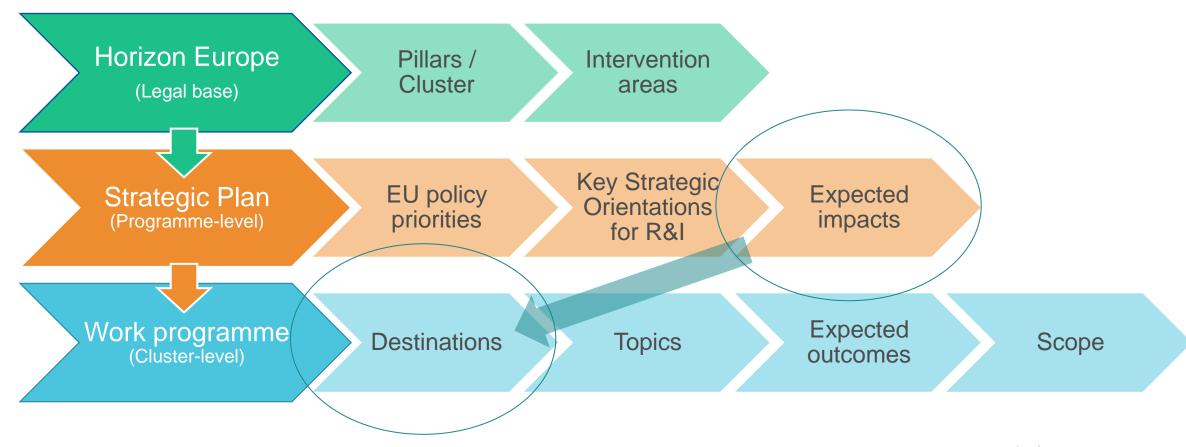
Impact 5: Balanced development of rural, coastal and urban areas



Impact 6: Innovative governance models enabling sustainability, environmental observation



#### Horizon Europe: intervention logic





#### Expected impacts shape the WP destinations

Strategic Plan 2021-2024

Work Programmes 2021-2022 & 2023-2024



Impact 1 Climate neutrality and adaptation to climate change

• Destination 5: Land, oceans and water for climate action



Impact 2 Preservation and restoration of biodiversity and ecosystems

• Destination 1: Biodiversity and ecosystem services



Impact 3 Sustainable and circular management of natural resources; tackling pollution; bioeconomy

- Destination 3: Circular economy and bioeconomy sectors
- Destination 4: Clean environment and zero pollution



Impact 4 Food and nutrition security for all from sustainable food systems from farm to fork

 Destination 2: Fair, healthy and environmentally-friendly food systems from primary production to consumption

Impact 5: Balanced development of rural, coastal and urban areas

Destination 6: Resilient, inclusive, healthy and green rural, coastal and urban communities

Impact 6: Innovative governance models enabling sustainability, environmental observation

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















#### Time to step up the efforts!

#### IA3: Agriculture, Forestry and Rural Areas



...by 2030 = 8 years = 8 growing seasons...

Impact 7

## Priority R&I areas



**Forestry** 





11 Enabling digital and data technologies



2 Sustainable soil. land, water & nutrient management



3 Biodiversity and genetic resources in agriculture & forestry

8 Sustainable

livestock systems



4 Ecological approaches in landbased primary production



9 Small-scale sustainable bio-based systems



14 Rural and social dynamics: towards smart, green and inclusive rurality



**5 Protein crops** for sustainable agriculture



10 Multifunctional forests for future generations



15 International cooperation, incl. **EU-Africa FNSSA and EU-China FAB** 



7 Healthy animals for healthy people



12 Agricultural Knowledge and Innovation Systems (AKIS) of the future

13 Innovative policies, business models and value chains enabling sustainable food

systems

## First Work Programme 2021-2022

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nice	2021	
PICS	CULL	

Broaden <u>EIP Operational Group</u> outcomes across borders by means of <u>thematic networks</u> , compiling and sharing knowledge ready for practice	HORIZON-CL6-2021-GOVERNANCE-01-23
Supporting knowledge exchange between all AKIS actors in the Member States by means of an EU-wide interactive knowledge reservoir	HORIZON-CL6-2021-GOVERNANCE-01-24
Improving <u>national AKIS organisation</u> in a co-creative process across the EU	HORIZON-CL6-2021-GOVERNANCE-01-25
Deepening the functioning of innovation support	HORIZON-CL6-2021-GOVERNANCE-01-26
Developing EU advisory networks on consumer-producer chains	HORIZON-CL6-2021-GOVERNANCE-01-27
Thematic networks to compile and share knowledge ready for practice	HORIZON-CL6-2021-GOVERNANCE-01-28

## First Work Programme 2021-2022

Topic	Proposal Acronym
HORIZON-CL6-2021-GOVERNANCE-01-23	CLIMED-FRUIT
HORIZON-CL6-2021-GOVERNANCE-01-23	Oper8
HORIZON-CL6-2021-GOVERNANCE-01-24	EU-FarmBook
HORIZON-CL6-2021-GOVERNANCE-01-25	modernAKIS
HORIZON-CL6-2021-GOVERNANCE-01-26	ATTRACTISS
HORIZON-CL6-2021-GOVERNANCE-01-27	COREnet
HORIZON-CL6-2021-GOVERNANCE-01-27	EU4Advice
HORIZON-CL6-2021-GOVERNANCE-01-28	B-THENET
HORIZON-CL6-2021-GOVERNANCE-01-28	BROILERNET
HORIZON-CL6-2021-GOVERNANCE-01-28	Grazing4AgroEcology



## First Work Programme 2021-2022

#### **Topics 2022**

Thematic networks to compile and share HORIZON-CL6-2022-GOVERNANCE-knowledge ready for practice 2022 01-12

Broaden <u>EIP Operational Group</u> outcomes across borders by means of <u>thematic</u> HORIZON-CL6-2022-GOVERNANCE-networks, compiling and sharing knowledge 01-13 ready for practice

Improving preparation of multi-actor projects to enable the relevant actors to work in a cocreative way

HORIZON-CL6-2022-GOVERNANCE-01-14

Developing EU advisory networks on water use
HORIZON-CL6-2022-GOVERNANCE-01-15



Funding & tenders (europa.eu)

Deadline: 10 March, 17:00 CET



#### Closing the research and innovation divide...

Thematic networks

<u>eip-agri\_h2020\_thematic\_networks\_overview\_september\_2020.pdf</u> (europa.eu)



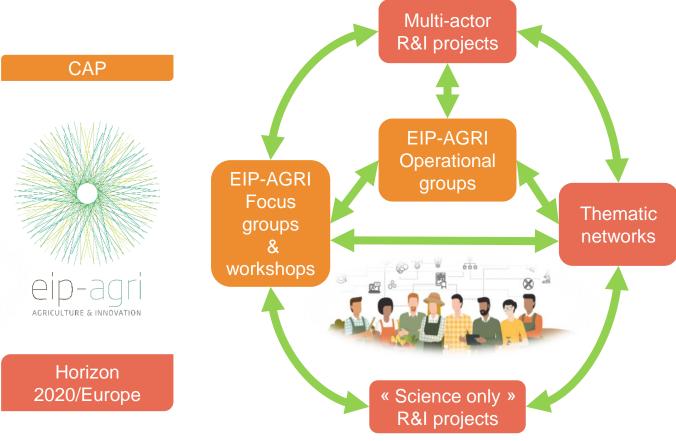
Advisory networks & thematic networks based on EIP-AGRI OGs



## Boosting implementation via "open innovation"

Interactive innovation model = multi-actor approach





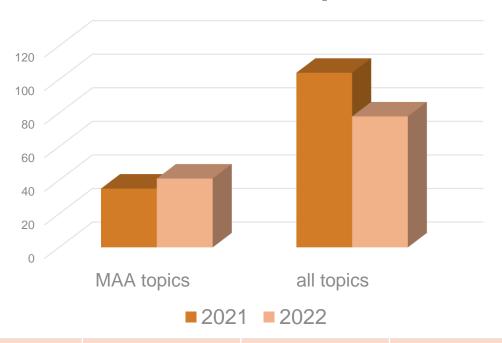
#### Michael Jordan:

"Talent wins games, but teamwork and intelligence win championships."

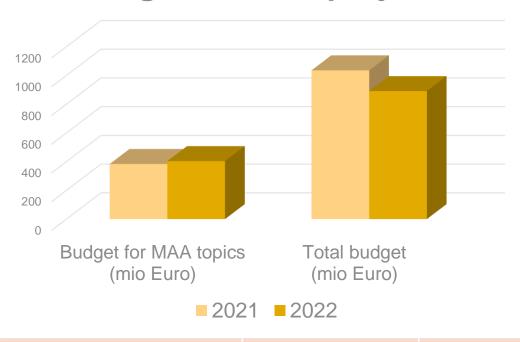


## Multi-actor approach: strengthened & streamlined throughout the whole Cluster 6 WP21-22

#### 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

#### MAA – eligibility and excellence

- Introduction to Cluster 6 WP21-22: <u>wp-9-food-bioeconomy-natural-resources-agriculture-and-environment\_horizon-2021-2022\_en.pdf (europa.eu)</u>, page 19-21 (pdf version in the table with specific conditions; in online version below the topic)
- The MAA = eligibility criterion as indicated in the topic table: « proposals must use the MAA »
- The MAA is an integral part of the topic text and is counted as **criterion for excellence**:
  - Clarity and pertinence of the project's **objectives** (→ focus on needs and opportunities of endusers of project results)
  - Soundness of the proposed **methodology**, including **open science practices**, sharing and management of research outputs and engagement of citizens, civil society and end users where appropriate (→ focus on working according to MAA and plenty of broad communication and dissemination, in particular to end-users of project results)

#### MAA – requirements

- ✓ Project objectives must be targeting the needs of and opportunities for end-users
- ✓ Project concept and composition of the consortium must reflect a balanced choice of key relevant actors with complementary knowledge, able to ensure broad implementation. All actors actively involved all over the whole course of the project as from the planning to the end phase.
- ✓ Cross-fertilisation during the project must integrate **tacit** and **practical knowledge**: this must be illustrated with a <u>sufficient number</u> of high-quality **knowledge exchange activities** all along the project.
- ✓ <u>Multi-actor engagement process must be facilitated</u> by the **most appropriate methods**.



#### MAA – requirements

- ✓ Consortium must <u>demonstrate</u> its **added value**: how does the project complement existing research and best practices?
- ✓ Results must be **practical**, **easily understandable** and feed into the most used dissemination channels for end-users.
- ✓ For EU wide communication: "practice abstracts" in the common EIP format.
- ✓ Involve as much as possible **local interactive innovation groups** (EIP-AGRI Operational Groups under the CAP).



# Second Work Programme 2023-2024 & Strategic Plan 2025-2027

September 2021

November 2022:

Working on WP23-24

December 2022:

Publication of WP23-24

2023-2024:

Development of Strategic Plan 2025 - 2027



#### Brainstorming on AKIS in Horizon Europe

- How to further promote effective AKIS through Horizon Europe?
  - How to further strengthen the MAA in Cluster 6?
  - Any other ideas?





## Thank you



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