



Future Networking Needs for Innovation Input from the Subgroup on Innovation



Magdalena MACH

Research and Innovation Unit DG Agriculture and Rural Development European Commission

15th RURAL NETWORKS STEERING GROUP 25 May 2021





Collecting ideas – Survey of SOI Members & EIP-AGRI website



European Commission > EIP-AGRI > Questionnaire for the members of the Subgroup on Innovation



Questionnaire for the members of the Subgroup on Innovation

| 2. Name of your organisation/institution * 3. Country * |
|---|
| |
| |
| - Select - |

4.1. Priority topic for the EIP-AGRI networking activities after 2020 *

5.1. Please describe the key issues of the proposed topic *



European Commission > EIP-AGRI > An idea for an EIP-AGRI Focus Group



An idea for an EIP-AGRI Focus Group

As part of the EIP-AGRI networking activities at least 5 new Focus Groups start their work every year.

If you have an idea for an issue or question where a Focus Group could be the right tool to spark innovation, please tell us about it by completing the form below. Please be aware that the topic has to be very focused with a clearly defined main question. You can read more about how Focus Groups work and their expected results in the **EIP-AGRI Focus Group charter** and **the Focus Group brochure**.

What happens with the received proposals?

The Subgroup on Innovation contributes to preparing and implementing the EIP-AGRI networking activities such as Focus Groups, workshops and seminars. Your ideas for Focus Groups were an important input into this process.

In October 2019, the Subgroup on Innovation provided its input to the last EIP-AGRI work programme for the current programming period. Any new Focus group ideas proposed will be considered by the European Commission for the EIP-AGRI work in the next programming period (2021-2027).

You can follow the work of the Subgroup on Innovation here.

Suggestion for Focus Group topic (in English) *

EIP-AGRI Focus Group Topic (400 characters maximum)

Key question(s) to be addressed *

Please indicate which key questions should be discussed and answered by the Focus Group, in your view (1000 characters maximum).

Please indicate why this topic should be taken up by an EIP-AGRI Focus Group in your opinion?

(1500 characters maximum)

Geographical scope *

Please indicate if this topic covers the whole European Area or a specific area in Europe

Eirst same *



Booklet with ideas for future EIP-AGRI activities

Ideas for future EIP-AGRI activities

12 MOVEMENT 2022

Introduction

- This document assembles ideas for future EIP-AGRI networking activities, that were submitted:
- by members of the Subgroup on Innovation, through a questionnaire July 2020;
- bx different stakeholders through the EIP-AGRI website, for the period of 13 May 2019 to 30 September 2020.

The proposals are organised in 4 clusters. Related EIP-AGRI activities as well as related H2020 and EU projects have been added as extra information.

In all cases the wording of the proposals has been kept as it was transmitted by the author, with some light editing.

Below you can find a general overview, followed by a more elaborated description per cluster.

General Overview

Cluster 1: AK3S and digitalisation

Subcluster 1.1: Knowledge exchange and dissemination

- 1.1.1 Future agriculture needs: how to address them now
- 1.1.2 Online knowledge exchange to support the transition to sustainable food and farming systems 1.1.3 focusing on impact and recycling of prior project outcomes
- 1.1.4 Small scale farms

Subcluster 1.2: Strengthening farm advisory services

- 1.2.1 Education of young advisers
- 1.2.2 The role of contractors in disseminating sustainable agricultural practices

Subcluster 1.3: Enhancing cross-thematic and cross-border interactive innovation

- 1.3.1 Cooperation across national borders
- 1.3.2 EIP & Leader
- 1.3.3 Focus on environment and climate

Subcluster 1.4: Supporting the digital transition in agriculture

1.4.1 An overview of applications that farmers can use on their phones for farming purposes. 1.4.2 The role of farmer-generated data in informing policy makers and the general public about the ecological performance of farmers 1.4.3 Data science - exploring new perspectives 1.4.4 Digital technology take-up 1.4.5 Sensor technologies for animal husbandry 1.4.6 Agricultural Geophysics: Efficient sol, water and crop monitoring to inform field-scale management decision-making 1.4.7 Methodologies for assessing damage after incidents in use (hail, frost, flood) 1.4.8 Cognetatives as driver of digital transformation

The Lorent

Cluster 2: Sustainable management of natural resources

Subcluster 2.1: General sustainable farming aspects

- 2.1.1 The Myths and Truths of Sustainability A macro perspective
- 2.1.2 Farmers want Sustainability
- 2.1.3 European Partnership on agroecology living labs and research infrastructures: How can it take
- shape in Member States? 2.1.4 Biodiversity in rural areas
- 2.1.5 Climate adaptation of the European apriculture and food sector
- 2.1.3 Cimete adaptation of the caropean agricultare and root sets

Subcluster 2.2: Sustainable practices in specific cultivations and sectors 2.2.1 Sugar beet

- 2.2.2 Beetive products: Diversification for beekeepers through production of pollen, propolis and royal jelly
- 2.2.3 Sustainability of olive cultivation
- 2.2.4 The wool sector in Europe new opportunities for processing wool produced by European sheep 2.2.5 Precision agriculture for maize growers
- 2.2.6 The role of goats / small ruminants in the management of low-density territories

Subcluster 2.3: Ecosystem services

2.3.1 Mechanisms for managing and compensating for access to agricultural open space 2.3.2 Payment for ecosystem services scheme 2.3.3 Air outally across the Alpine region

Subcluster 2.4: Water management

2.4.1 Water management in rural areas and in agricultural production 2.4.2 Water governance and agriculture – models, best practices and solutions

Subcluster 2.5: Reduction of pesticides

2.5.1 Reducing use of phytosanitary product and farmer adaptation

Cluster 3: Value chains and bioeconomy

Subcluster 3.1: Food systems and food supply chain

- 3.1.1 Local food supply for Leipzig
- 3.1.2 Fast methods for assuring food integrity along the whole chain 3.1.3 Personalised nutrition will shape the food systems of the future: How will production adapt?

tranta III Ita

3.1.4 Developing new crops for new markets

Subcluster 3.2: Circular and bioeconomy

- 3.2.1 Local biorefineries for the new bio raw materials within European rural reindustrialization 3.2.2 Area based circular farming
- 3.2.3 Sustainable recycling of plant nutrients

Cluster 4: Other ideas

Subcluster 4.1: Farmers' welfare and seasonal labour/workforce

- 4.1.1 Agriculture workforce 4.1.2 Integration of safety culture and risk management in family farm enterprises
- tere and dealer a serie care are the meregeners of terms terms

Subcluster 4.2: Organisational innovation 4.2.1 Social/organisational innovation in rural development

Subcluster 4.3: EIP-AGRI functioning

- 4.3.1 EIP between funding periods 4.3.2 More focus on innovation in EIP
- 4.3.2 More focus on innovation in EIP 4.3.3 Focus on competitiveness in all kinds of farming
- 4.3.4 EU Farm to Fork strategy: how can EIP-AGRI contribute?
- 4.3.4 EU Parm to Pork strategy: now can EIP-Alakt C

#RNSubInnovation



4 clusters (14 subclusters, 48 ideas)

AKIS and digitalisation

Sustainable Management of Natural Resources

Value chains and bioeconomy

Other ideas



Priorities for EU networking activities after 2020 – input from Subgroup on Innovation (17th Meeting, 3 December 2020)

| Posted to Session: Session III: Proposals for networking activities after 2020, in the context of the European | Display Results |
|--|-----------------|
| CAP network | |
| A. Cluster 1: AKIS and digitalisation 16 votes | 57.1% |
| 3. Cluster 2: Sustainable management of natural resources 7 votes | 25% |
| | |
| C. Cluster 3: Value chains and bioeconomy 3 votes | 10.7% |
| D. Cluster 4: Other ideas 2 votes | 7.2% |



| | In subcluster 1.1 (Knowledge exchange and dissemination), which topic do you find most important? | Display Results |
|---|--|-------------------------------|
| | Posted to Session: Session III: Proposals for networking activities after 2020, in the context of the European CAP network | |
| | A. 1.1.1 Future agriculture needs: how to address them now 7 votes | 25% |
| | B. 1.1.2 Online knowledge exchange to support the transition to sustainable food and | farming systems 12 vote 42.9% |
| services), which topic do you | C. 1.1.3 Focusing on impact and recycling of prior project outcomes 3 votes | 10.7% |
| er 2020, in the context of the European | | |
| | D. 1.1.4 Small-scale farms 6 votes | 21.4% |
| | 69.2% | |
| ainable agricultural practices 8 votes | 30.8% | |
| | | |

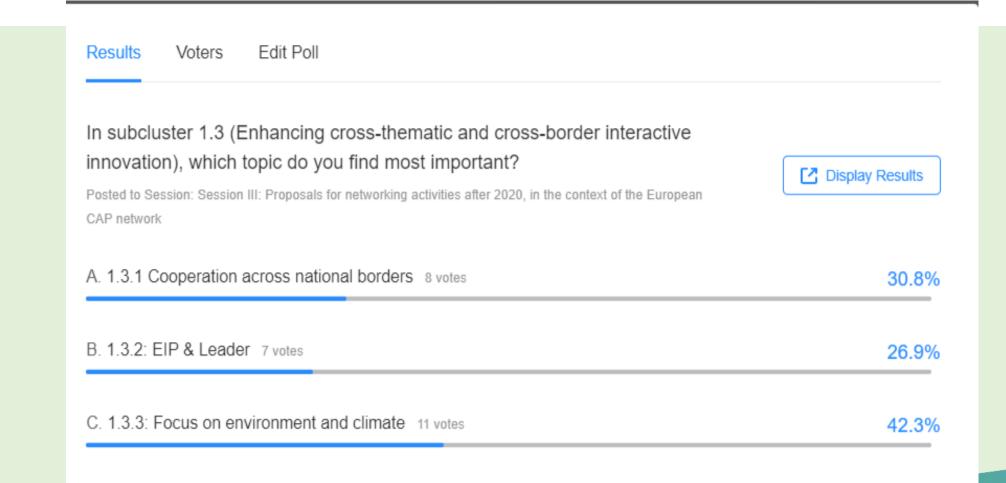
In subcluster 1.2 (Strengthening farm advisory services), which topic do you find most important?

Posted to Session: Session III: Proposals for networking activities after 2020, in the context of the European CAP network

A. 1.2.1 Education of young advisers 18 votes

B. 1.2.2 The role of contractors in disseminating sustainable agricultural practices 8 votes







| lo you find most important? | Display Results |
|--|--------------------|
| osted to Session: Session III: Proposals for networking activities after 2020, in the context of the European AP network | |
| A. 1.4.1 An overview of applications that farmers can use on their phones for farming purposes 4 vote | es 14.8% |
| 3. 1.4.2 The role of farmer-generated data in informing policy makers and the general public about experiormance of farmers 11 votes | cological 40.7% |
| C. 1.4.3 Data science – exploring new perspectives o votes | 0% |
| D. 1.4.4 Digital technology take-up 4 votes | 14.8% |
| 2. 1.4.5 Sensor technologies for animal husbandry 1 votes | 3.7% |
| 5. 1.4.6 Agricultural Geophysics: efficient soil, water and crop monitoring to inform field-scale manage decision-making 3 votes | ement 11.2% |
| 6. 1.4.7 Methodologies for assessing damage after incidents in use (hail, frost, flood) 0 votes | 0% |
| 1. 1.4.8 Cooperatives as driver of digital transformation 4 votes | 14.8% |



In subcluster 2.1 (General sustainable farming aspects), which topic do you find most important? Display Results Posted to Session: Session III: Proposals for networking activities after 2020, in the context of the European CAP network A. 2.1.1 The Myths and Truths of Sustainability - A macro perspective 3 votes 11.1% B. 2.1.2 Farmers want Sustainability 5 votes 18.5% C. 2.1.3 European Partnership on agroecology living labs and research infrastructures: How can it take shape in Member States? 6 votes 22.2% D. 2.1.4 Biodiversity in rural areas 5 votes 18.5% E. 2.1.5 Climate adaptation of the European agriculture and food sector 8 votes 29.7%



| which topic do you find most important? Posted to Session: Session III: Proposals for networking activities after 2020, in the context of the European CAP network | play Results |
|--|------------------|
| A. 2.2.1 Sugar beet 1 votes | 4.2% |
| B. 2.2.2 Beehive products: Diversification for beekeepers through production of pollen, propolis and roya 7 votes | l jelly 29.2% |
| C. 2.2.3 Sustainability of olive cultivation 1 votes | 4.2% |
| D. 2.2.4 The wool sector in Europe - new opportunities for processing wool produced by European shee | p 3 12.4% |
| votes | |
| E. 2.2.5 Precision agriculture for maize growers 6 votes | 25% |



In subcluster 2.3 (Ecosystem services), which topic do you find most important?

Display Results

Posted to Session: Session III: Proposals for networking activities after 2020, in the context of the European CAP network

| A. 2.3.1 Mechanisms for managing and compensating for access to agricultural open space 10 votes | 38.5% |
|--|-------|
| B. 2.3.2 Payment for ecosystem services scheme 14 votes | 53.8% |
| C. 2.3.3 Air quality across the Alpine region 2 votes | 7.7% |

In subcluster 2.4 (Water management), which topic do you find most

important?

Posted to Session: Session III: Proposals for networking activities after 2020, in the context of the European CAP network

A. 2.4.1 Water management in rural areas and in agricultural production 12 votes

B. 2.4.2 Water governance and agriculture – models, best practices and solutions 14 votes

46.2%

53.8%

Display Results



| | In subcluster 3.1 (Food systems and food supply chain), which topic do you find most important? Posted to Session: Session III: Proposals for networking activities after 2020, in the context of the European CAP network | Results |
|--|--|---------|
| | A. 3.1.1 Local food supply for Leipzig 2 votes | 7.7% |
| | B. 3.1.2 Fast methods for assuring food integrity along the whole chain 11 votes | 42.3% |
| In subcluster 3.2 (Circular and bioeconomy), which topic do you find most important? | C. 3.1.3 Personalised nutrition will shape the food systems of the future: How will production adapt? 7 votes | 26.9% |
| Posted to Session: Session III: Proposals for networking activities after 2020, in the context of the European CAP network | D. 3.1.4 Developing new crops for new markets 6 votes | 23.1% |
| A. 3.2.1 Local biorefineries for the new bio raw materials within European rural reindust | rialization 7 votes 26.9% | |
| B. 3.2.2 Area-based circular farming 12 votes | 46.2% | |
| C. 3.2.3 Sustainable recycling of plant nutrients 7 votes | 26.9% | |

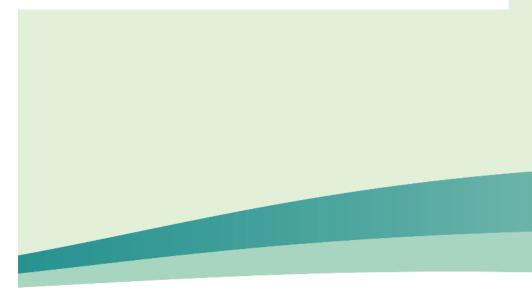


| In subcluster 4.1 (Farmers' welfare and seasonal labour / workforce), which topic do you find most important? | |
|--|-----------------|
| Posted to Session: Session III: Proposals for networking activities after 2020, in the context of the European CAP network | Display Results |
| A. 4.1.1 Agriculture workforce 14 votes | 56% |
| B. 4.1.2 Integration of safety culture and risk management in family farm enterprises 11 votes | 44% |

In subcluster 4.3 (EIP-AGRI functioning), which topic do you find most important?

Posted to Session: Session III: Proposals for networking activities after 2020, in the context of the Europ CAP network

| A. 4.3.1 EIP between funding periods 2 votes | 7.7% |
|--|-------|
| B. 4.3.2 More focus on innovation in EIP 5 votes | 19.2% |
| C. 4.3.3 Focus on competitiveness in all kinds of farming 5 votes | 19.2% |
| D. 4.3.4 EU Farm to Fork strategy: how can EIP-AGRI contribute? 14 votes | 53.9% |







Any additional ideas?







AGRI-EIP@ec.europa.eu