

Meeting of the SWG SCAR AKIS Strategic Working Group on Agricultural Knowledge and Innovation Systems

AKIS Strategic plans for the CAP post 2020

Webinar 24-26/3/21 - Member State:

Germany - Chambers of Agriculture

SCAR
Standing Committee
on Agricultural Research



Characteristics of your AKIS: SWOT

- **Current situation: Focus on knowledge innovation and digitalisation**
- **Inventory of the agricultural knowledge system in Germany by EU-funded Pro AKIS project**
- **Different regional levels /federal government, state region and institutional anchors**
- **Agricultural research and the agricultural extension system are described as pluralistic, under strong change, especially digitization**
- **Other actors such as media, consumers, stakeholders, businesses at all levels**
- **EIP Agri - European Innovation Partnership "Agricultural Production and Sustainability": project-related implementation at country level in the framework of Operational Groups**
- **Association Chambers of Agriculture: 7 regional Chambers of Agriculture + associated Members of "Länder" organizations where no chambers exist – national networking platform, committees and working groups eg. committee "Farm-Management and Advice" or "Rural development and resource efficiency" as well as a working group for private and public advisors, our members run also experimental stations and training centers as well as research institutes which provide laboratory testing and advisory services (e.g. soil, water)**
- **Member of EUFRAS – European Forum for Agricultural and Rural Advisors**

A) Characteristics of your AKIS: SWOT some bullet points

Strengths	Weaknesses
High education level Advisory services available Increasing use of modern communication tools (digitization)	Regional differences gaps in skills (workers and entrepreneurs) Limited exchange and networking in science, research, education, advice
Opportunities	Threats
High willingness to education and training increasing awareness of sustainable development issues New markets and income opportunities	Regionally inadequate broadband and mobile phone facilities Loss of innovative strength and economic development opportunities

main actors, knowledge flows that characterize your current AKIS

See I2connect Germany report page 15-25 <https://i2connect-h2020.eu/resources/akis-country-reports/>

A) Characteristics of your AKIS: SWOT

- Which **barriers and bottlenecks** are hindering knowledge flows in your AKIS?

Implementation of EAFRD 2014 - 2020 Federal Diversity in Germany

13 regional programmes
1 Network programme
1 national framework
regulation

12 „Länder“ programmed
cooperation measure
EIP Agri

Monitoring committees
2014 – 2020 at national
and regional level

How to overcome barriers and bottlenecks?

1 Strategy plan with regionalized chapters according to needs,
simplification and networking, AKIS plan?



Quelle: Deutsche Vernetzungsstelle DVS

A) Characteristics of your AKIS: SWOT

- What should be the main **changes to implement** if you compare with the current situation?

Implementation of EAFRD in Germany German Länder – overview of measures

- M 1 Knowledge transfer and information:
9 Länder
- M 2 Advisory services:
8 Länder
- M 16 Cooperation:
12 Länder
- LEADER
13 Länder

Reflection about changes:

Increased systemic approach: knowledge exchange, peer to peer learning, advice, education, training, cooperation, interactive innovation, applied research, networking at local, regional, national and EU level according to specific needs



Quelle: Deutsche Vernetzungsstelle DVS

A) Characteristics of your AKIS: SWOT

- What should be the main **changes to implement** if you compare with the current situation?

Recommendations (EU Commission)

AKIS in Germany is strong, but fragmented,
there is a lack of cooperation and coordination within the knowledge networks

About 3 % of rural development budget is allocated to knowledge and innovation priority

- **M1 Transfer of knowledge and information measure**
- **M2 Advisory services,**
- **M16 Cooperation EIP Agri**

Recommendations for Changes:

Simplification, systemic, holistic approach, new topics,
digitisation in agriculture, advisory services and managing bodies,
education and training of advisors

A) Characteristics of your AKIS: SWOT

- How is the **preparation process** for the future AKIS going in your country? How is the **interaction with non-agricultural Ministries**?

Germany:

Stakeholder involvement at national and regional level: Meetings, online events, discussion groups, Communication, websites

Participation of different non-agricultural Ministries in meetings

Working documents in progress:

Arbeitspapier zur **Ausgangslage**:

Beschreibung des landwirtschaftlichen Wissens- und Innovationssystems, des Landwirtschaftlichen Beratungswesens mit seinen unterschiedlichen Organisationsstrukturen, Europäische Innovationspartnerschaft EIP Agri und Digitalisierung (Seiten 25-28)

Arbeitspapier **SWOT Tabelle** zum Querschnittsziel Wissen, Innovation, Digitalisierung auf Seite 24 und 25

Arbeitspapier **Bedarfsanalyse** Q1 bis Q10 auf den Seiten 46 bis 51

Empfehlungen der EU Kommission 1.4 Modernisierung des Sektors durch Förderung von Wissensaustausch, Innovation und Digitalisierung sowie Motivation zu deren Annahme und Einführung Seite 5-7

Entwurf **Interventionssteckbrief** Beratung, Austausch; Einrichtung von Beratungsdiensten (Rechtsgrundlage Art. 72 GAP SP-VO)

Analyse and prioritisation of targets

Querschnittsziel Förderung von Wissen, Vernetzung, Digitalisierung in der Landwirtschaft (gekürzt)

- Q1 Fachkräftesicherung in der Land- und Forstwirtschaft sowie im ländlichen Raum
 - Q2 Bildung und Beratung nachhaltige Landwirtschaft einschließl. Biodiversität
 - Q3 Verbesserung unternehmerischer und ökologischer Kompetenzen, Professionalisierung von höherwertiger Verarbeitung und Vermarktung
 - Q4 Stärkung Koordinierungsstrukturen Agrarforschung EU Bund Länder (AKIS)
 - Q5 Ausbau regionaler, interdisziplinärer Kooperationen, Vernetzung und Informationsaustausch
 - Q6 Verbesserung öffentlicher Kommunikation zu Ernährung, Umweltthemen, Ernährungsbildung und Verbraucheraufklärung
 - Q7 Stärkere Einbindung von Praxis und Beratung in Forschung sowie praxismgerechte Aufbereitung und Kommunikation der Ergebnisse
 - Q8 Generierung von Wissen und Intensivierung des Monitorings zu nachhaltiger Ressourcennutzung, Umwelt-, Biodiversitäts- und Klimaschutz
 - Q9 Wissensvermittlung zu Möglichkeiten und Anforderungen der Digitalisierung
 - Q10 Stärkung der Innovationskraft – verbesserter Transfer von Innovationen + Handlungsfeldern der lokalen Entwicklung
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B) AKIS plan : challenges in strategy and priorities

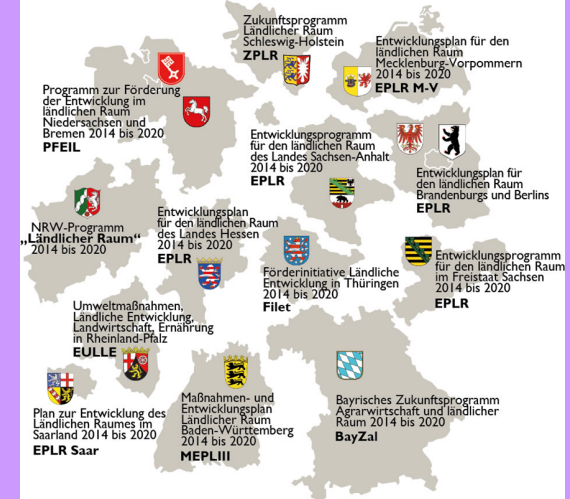
CAP 2023-2027 Germany

1 CAP strategy plan How to address specific needs of regions?

1. Pillar

2. Pillar

National Strategy
With maybe 12
regionalized
chapters
National AKIS plan



B) CAP AKIS plans: strategy and planned **priorities**

Starting from Art 102 in the Commission proposal, and in order to tackle the cross-cutting objective on K&I&D, please explain:

- (i) how will the **organization and structuring of the AKIS** be improved? *Work in Progress*
- (ii) in particular, how will **advisors, researchers and CAP networks improve their cooperation** and the sharing of knowledge in an integrated manner *Work in Progress*
- how they will **provide advice, knowledge flows and innovation support services?** *Work in Progress*

Some reflections: Maybe German EIP Agri networking activities could be a model or an example? NRN + Innovation support services or innovation offices at regional level?

Chamber of Agriculture experience: Association of Chamber of Agriculture with meetings on regular basis (e.g. education, advice, research, farm management, resource efficiency); also in cooperation with NRN;

Berater-Hochschultage, Agritechnika, Eurotier, Grüne Woche, Zukunftsforum ländliche Entwicklung and other Events; projects or events on specific topics cross regional and cross-border (field days; transfer visits, demonstration activities, cross visits and more)

C) interventions planned for your future AKIS

- What are the **main CAP interventions you plan** for your national AKIS with regard to:
 - a. Enhancing knowledge flows and strengthening links between research and practice
Work in progress: EIP Agri OG's, innovation support units, national network
 - b. Strengthening farm advisory services within the AKIS
Intervention on advisory services
 - c. Strengthening interactive innovation and EIP OG's
Work in progress
 - d. Supporting digital transition in agriculture
Work in progress
- Any issues with the **budget** needed to come to a good result?
Work in progress

Discussion:

Questions are welcome!

