



## Agricultural Policy Forum 2022

### ***Agriculture and Rural Development in the context of the Green Agenda for the Western Balkans: Overcoming the Impact of the Global Challenges***

*Working Group 3: Agricultural knowledge and innovation systems in the Western Balkans*

# AKIS Action Plan of Federation of Bosnia and Herzegovina

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Tirana, Albania



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# Introduction remarks

- AKIS is still undeveloped in the Federation of BiH
- Although there are many actors in this system among them there is no interaction.
- Establishment and development of AKIS has found its place in Strategy of agriculture and rural development of Federation of BiH 2021-2027 (still draft) through
  - Strategic goals: Modernization of the agricultural sector by encouraging and exchanging knowledge, innovation and digitalization agriculture and rural areas and promoting their use
  - Measure: Support to transfer of knowledge and information
  - Strategic project: Establishment of AKIS in Federation of BiH (Budget EUR 1.1 million)
- Roadmap – Basis for Action Plan
- Proposed Action plan accepted and approved by FMAWMMF



# Road Map – Main objectives

1. Formalization of AKIS (drafting of regulatory framework)
2. Introduce of new structure in the AKIS
3. Capacity building of the entity and canton (10) level advisory services
4. Strengthening the capacities in the research and education sector and institutional supporting of RITT
5. Internationalization of science and external fundraising
6. Raising farmers' awareness of the importance of knowledge and innovation transfer



# AKIS Plan – main objectives

1. Formalization of AKIS
2. Capacity building
3. Operationalization of AKIS (work of operational groups)



# 1. Formalization of AKIS

## Specific objectives

- Preparatory actions related to the analysis of the potential and motives for the establishment and work of the future AKIS
- Creating and enacting the necessary legislation for the establishment and functioning of AKIS
- Establishment of the AKIS coordinating body (coordination committee and operational groups)



## Required action

- Identification of potential actors
- Contacting and informing identified actors (obligatory advisors, farmers, administration)
- Holding/organization of working meetings (workshops)
- Reporting and evaluation
- **Deadline: Mid of 2023**
- **Impact 7, Feasibility 5**



# Creating and enacting the necessary legislation for the establishment and functioning of AKIS

## Required action

- Establishment of a working group for drafting the Law regarding AKIS
- Adoption of the legislative framework for AKIS
  - **Deliverables:** AKIS draft Law, AKIS law (articles)
- **Deadline:** Beginning/mid of 2023
- **Impact 6, Feasibility 4**



# Establishment of the AKIS coordinating body (coordination committee and operational groups)

## Required action

- Establishment of a coordinating body (in accordance with the adopted law)
- Establishment of operational groups
  - **Deliverables:** Coordination committee and operational groups formed
  - OGs include representatives of agricultural producers, science (research), agricultural advisers, administrations (institutions), chambers of commerce (market knowledge), media (portals, TV and radio) and consumer associations.
  - OGs can be sectorial or horizontal (i) market and marketing, (ii) food quality and safety, (iii) technology or regional / territorial.
- **Deadline:** Mid of 2023
- **Impact 7, Feasibility 5**





## 2. Capacity building Specific objectives

- Strengthening agricultural advisory
- Strengthening research and scientific capacities
- Raising farmers' awareness of the importance of knowledge transfer



# Strengthening agricultural advisory

## Required action

- Optimization of the number of agricultural advisors
- Strengthening the infrastructure capacity of advisory services
- Strengthening the role of private agricultural advisory
- Organization of continuous trainings, seminars and licensing trainings of advisors as a way of updating and validating their knowledge and qualifications
- Introduction of practical experimental research in advisory services
- Bilateral exchange and visits to examples of good practice
- Establish and improve opportunities and conditions for advisors training – regional priority...
- **Deadline:** End of 2023, beginning of 2024
- **Impact 7, Feasibility 3**



# Strengthening research and scientific capacities

## Required action

- Increasing funds for the development of science, research and education
- Establishment of a pilot program to support applied research in agriculture (financed by the agricultural budget of the FMAWMMF)
- Participation (mobilization) in projects with international character (financing)
- Agricultural scientific research regionalized and internationalized (regional priority)

- **Deadline:** Beginning of 2024

- **Impact 2, Feasibility 2**



# Raising farmers' awareness of the importance of knowledge transfer

## Required action

- Promotion of the work of advisory services through social networks and other media
- Providing access to good practices and examples (for farmers)
- Informing agricultural producers and other actors in the sector about their own activities through various forms of communication
- Informing and educating agricultural producers in accordance with available resources
- Video recording of examples of good agricultural practice and placement towards farmers
- **Deadline:** End of 2023, continuously
- **Impact 6, Feasibility 6**



# 3. Operationalization of AKIS Specific objectives

- Transfer of knowledge and technology of existing solutions that are in use
- Creating solutions and innovations based on articulating problems from the field
- Establishment of STP (Science and technology park), centres of excellence, demonstration farms and the similar.
- Coordination of AKIS activities



# Transfer of knowledge and technology of existing solutions that are in use

Required action

- Actualization of problem solving and identification of good practices
- Development of a plan for the realization of knowledge transfer
- Realization of knowledge transfer
- **Deadline:** Beginning of 2024, Continuously
- **Impact 7, Feasibility 3**



# Creating solutions and innovations based on articulating problems from the field

## Required action

- Articulating the problem
  - Articulating the real needs of farmers and focusing on solving those problems that will bring the greatest benefit to farmers
- Creating a project concept
- Project approval
- Implementation (realization) of the project
- Monitoring and evaluation
- Dissemination
  - Identifying key actors in the field that can contribute to the dissemination of good practices (demonstration farms or so-called star farmers)

■ **Deadline:** Continuously  
■ **Impact 7, Feasibility 3**



# Establishment of STP (Science and technology park), centres (points) of excellence, demonstration farms and the similar

## Required action

- Establishment of STP
  - Too expensive
  - Feasibility questionable
- Establishment of centres (points) of excellence (Faculties)
- Establishment (construction) of demonstration farms





# Coordination of AKIS activities

## Required action

- Communication and coordination of operational groups
- Development of strategic documents - strategic directions of development (of AKIS)
- Preparation of reports
  - **Deliverables:** Annual report on work of AKIS
- **Deadline:** Continuously 2023-2027
- **Impact 7, Feasibility 3**





**Regional Expert advisory Working Group (REAWG)  
On Agricultural Knowledge and Innovation Systems (AKIS)  
Second Interim Meeting**



# Thank you for your attention!

**AKIS Action Plan of Federation of Bosnia and Herzegovina  
Sabahudin Bajramović, National expert**

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