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# Agricultural Knowledge and Innovation Systems (AKIS)

## NORTH MACEDONIA

Proposed actions in focus for 2023/24

National Expert:

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# PAST ACTIVITIES



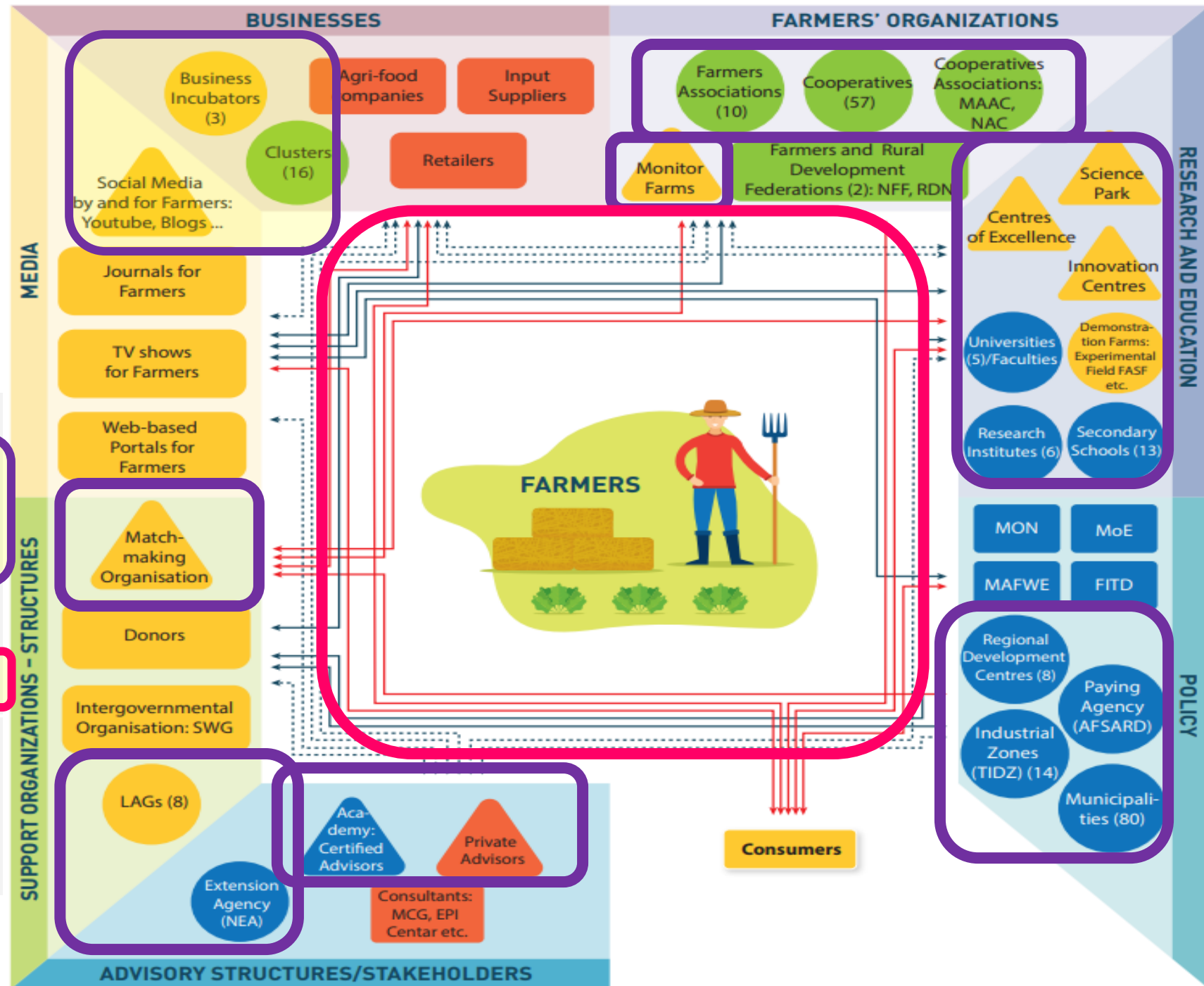
- The objective of the task (AKIS 2022):
  - To **set a framework** for creating **functional AKIS** in North Macedonia, and incorporate it in the future settings of the regional network of Western Balkans' AKIS
- Activities (during 2022):
  - **Mapping** of the **national AKIS** with its existing and missing institutions and interlinkages between them as a first step towards building a functional and integrated national AKIS
  - **SWOT analysis** with a focus on national AKIS to set the groundwork for developing strategic documents for developing a national AKIS
  - Preparation of a **Roadmap** towards **functional national and integrated AKIS**
  - Preparation of an **Action Plan** for developing a **functional and integrated national AKIS**
  - National documents shall serve further for **proposing regional initiatives** for developing a regional AKIS in the Western Balkans

# Map of the National AKIS:

## Need for intervention

### Legend:

- Existent actor with sufficient capacity to function
- Existent actor with insufficient capacity to function
- Non-existent actor
- Functional relationship
- Partly functional relationship
- Non-existent relationship
- Public sector
- Private sector
- NGO
- Other organisation



# Action Plan: Strategic objectives and actions

## Need for intervention

01



### Formalisation of AKIS

- Laws and by-laws
  - Strategy

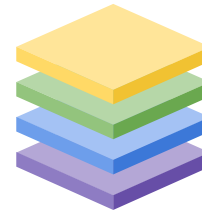
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### Strengthen capacities of AKIS

- Advisory services
- Research and education
  - Public institutions
- Farmer-based organisation

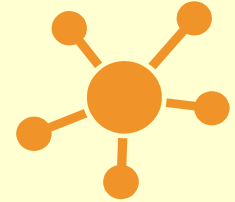
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### Introduce new structures in AKIS

- Private advisory services
  - Business incubators
  - Innovation centres
  - Centres of excellence

04



### Create functional relationships within AKIS

- Coordination Body
- Groups of farmer-led interactive innovation

04



# PRIORITIZATION OF ACTIVITIES

Create functional relationships within AKIS actors

NEXT STEP

High

FEASIBILITY

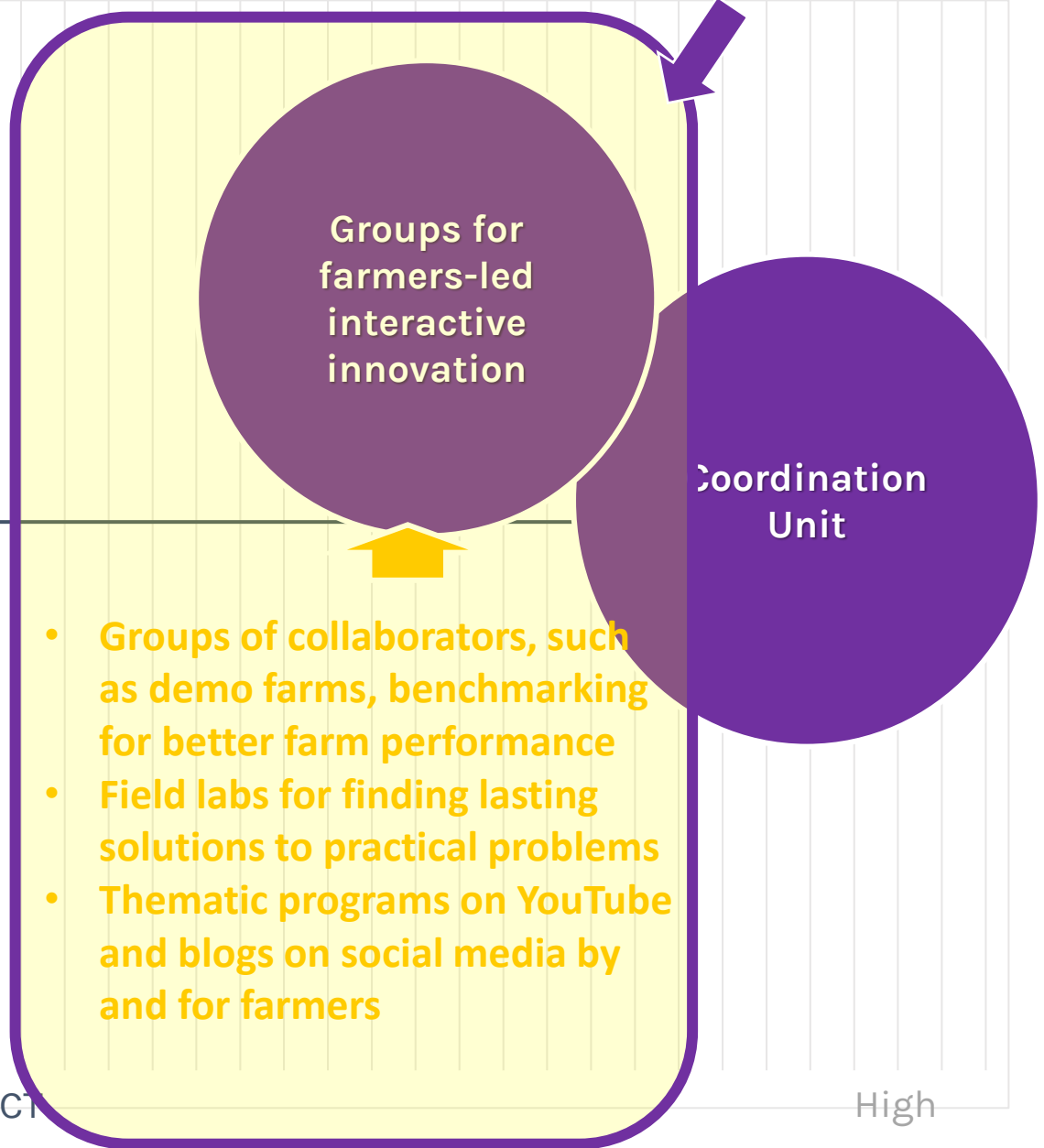
## ACTIVITIES (proposed):

1. Increase awareness among farmers (and of the government and the entire innovation ecosystem) on the importance to exchange knowledge and co-innovate among themselves
  2. Create a supportive environment
- Needs assessment on farmers-led groups
  - Prepare information materials
  - Design Guides and Tools for organizing and promoting such events (on-farm / virtual)
  - Organize informative sessions

Low

IMPACT

High



Groups for farmers-led interactive innovation

Coordination Unit

- Groups of collaborators, such as demo farms, benchmarking for better farm performance
- Field labs for finding lasting solutions to practical problems
- Thematic programs on YouTube and blogs on social media by and for farmers

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# FINAL REMARKS



- AKIS is **very important** for increasing the profitability of agriculture and sustainability of the rural areas
- **No universal** AKIS model
- AKIS **should be further promoted** and **put in the top priorities** of the national policies
- **Simple but effective steps** need to be undertaken, **centered around farmers** as key actors in the system

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# Thank you for your attention!



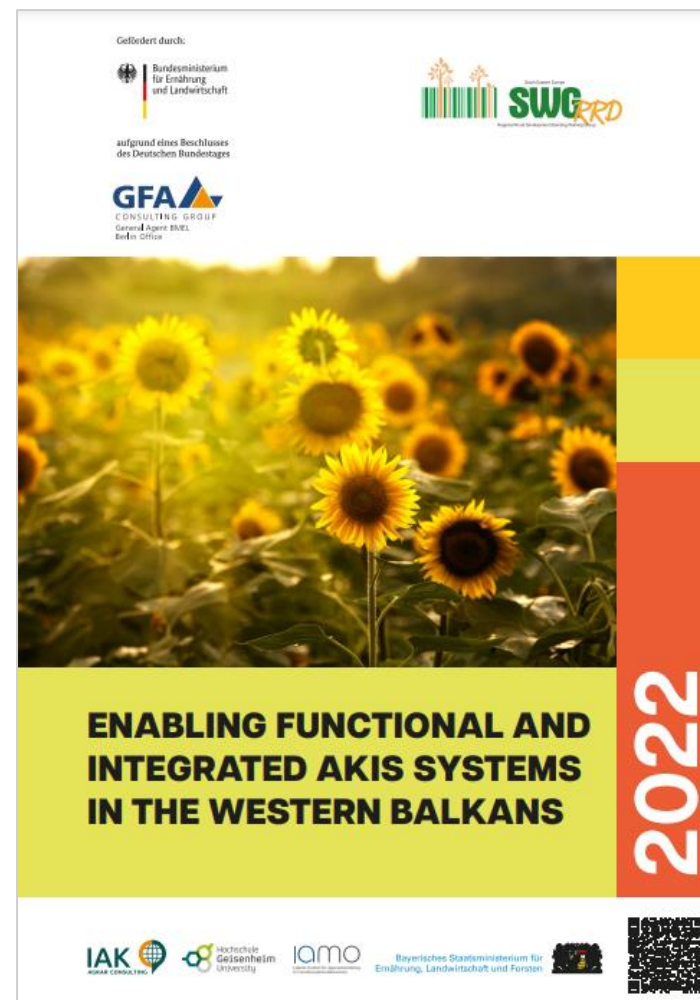
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[ENABLING FUNCTIONAL AND INTEGRATED AKIS SYSTEMS IN THE WESTERN BALKANS](#)

