

# eAgriculture

MINISTRY OF AGRICULTURE

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Deputy State Secretariat for Agriculture Economics



**CeeeGov Days**  
Hungary - Budapest

12-13, September 2024.



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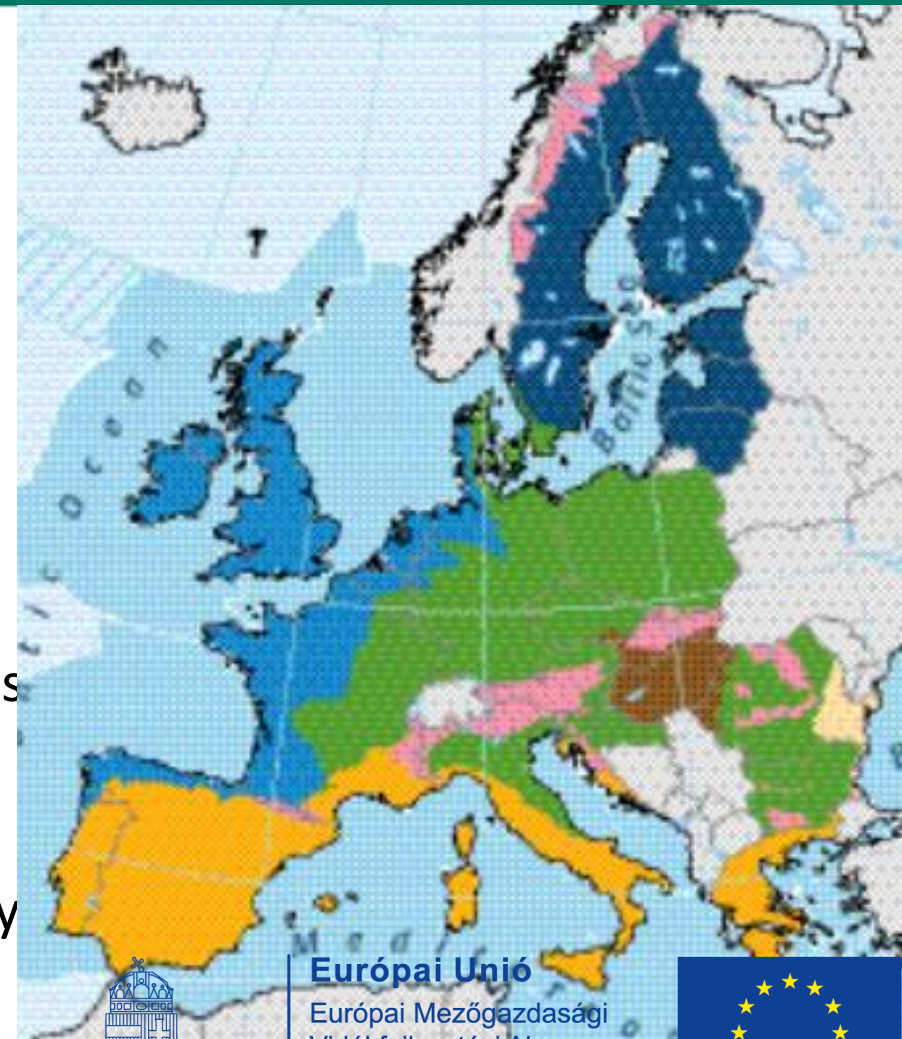


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# Hungarian Agriculture in numbers (2020)



- **3.5 percent** of the gross domestic product (**GDP**)
- **5 million hectares** agricultural land, 50% of the country
- **82% arable land**, 15% grassland, 3% vineyards and orchards
- **241 thousand farms**, mostly 5-300 ha
- **22.8 hectares** of the average agricultural area per farm.
- **227,645 people worked** in agriculture,
- **10% younger than 40** and no positive trends
- **39% have an agricultural education** but with very positive trends
- **Specific (Pannonian) biogeographical region**, protected biodiversity, very versatile soils, 2000 hours of sunshine, flat plains, but highly effected by climate change and co-dependency on neighbours for water



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# Hungarian Digitalisation in numbers (2023)



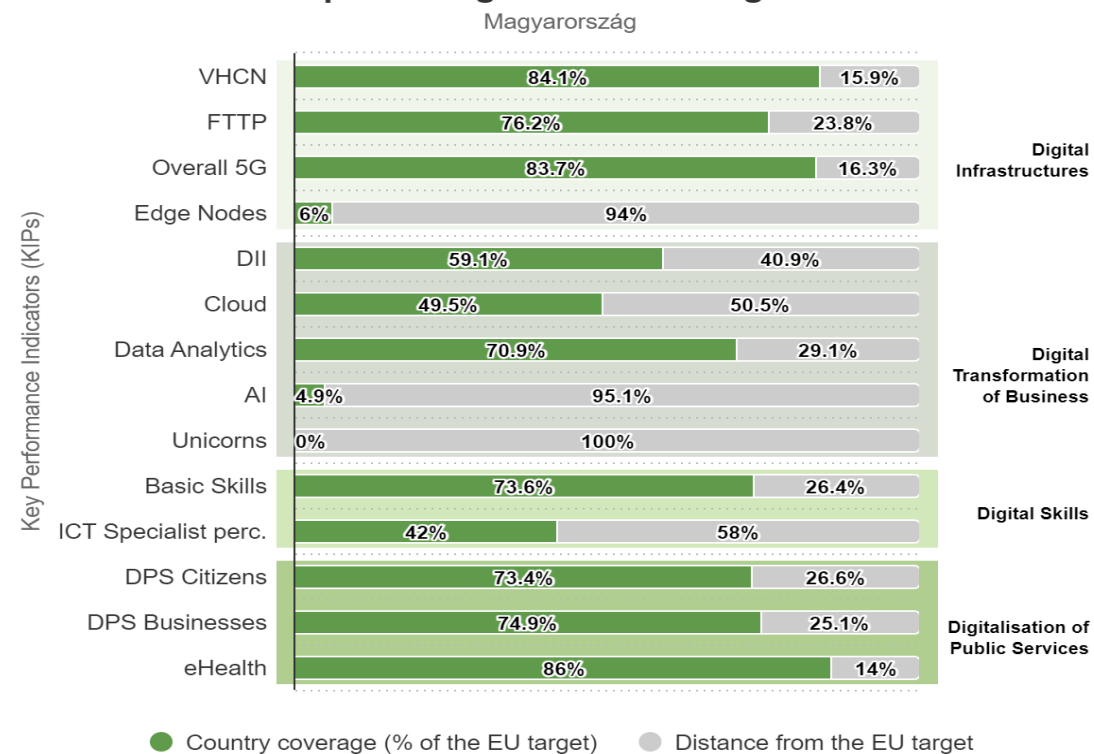
## Main strengths or areas of progress:

- Connectivity infrastructure
- Digitalisation of public services
- Adoption of cloud and data analytics by enterprises

## Main weaknesses or areas to improve:

- Adoption of advanced digital technologies by enterprises
- Basic digital skills, efforts in inclusion policies focusing on vulnerable groups
- Attracting women/students to STEM and boost the number of ICT specialists

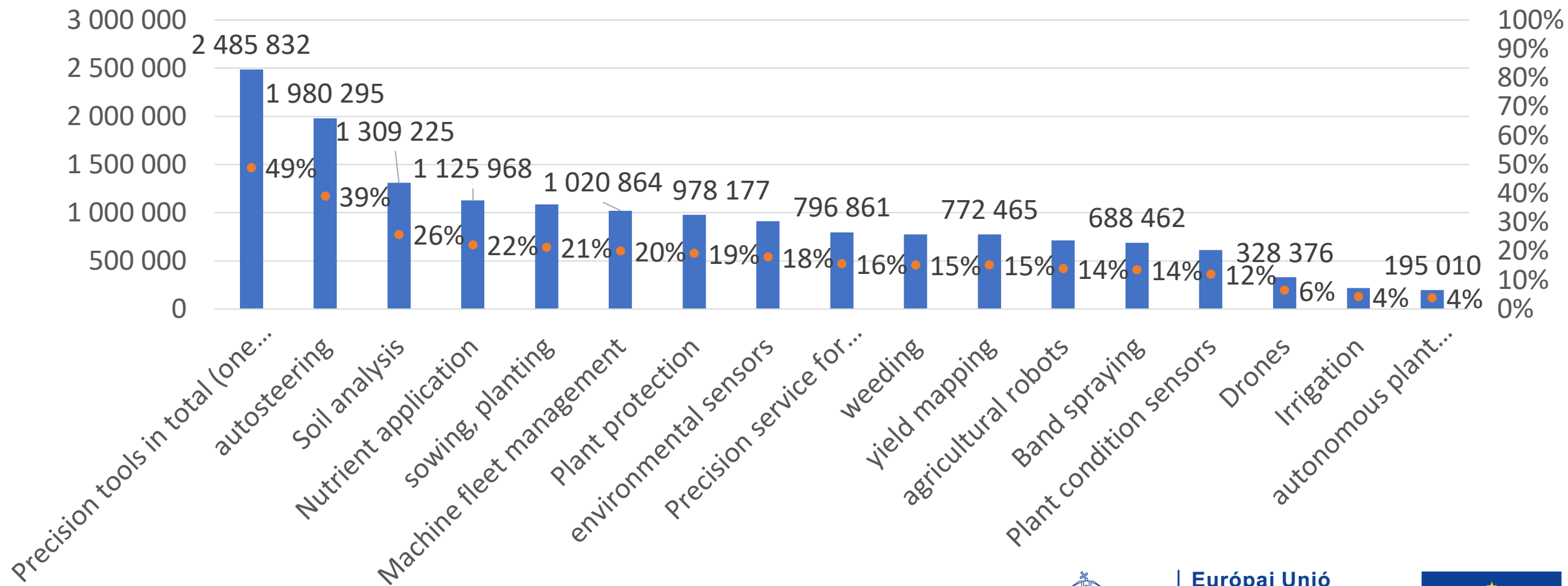
## Observed and forecasted Key Performance Indicators as percentage of the EU target



\* 2023: last observed data (DESI 2024, SDDR24); 2024-2030: forecast as per Member States' trajectories



# Hungarian eAgriculture in numbers (2023)



■ area ● proportion

Source: Hungarian Central Statistical Office, 2023 farm structure survey



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# Digital Agricultural Strategy of Hungary (DASH) 2019-2023



**Vision**

By collecting, processing, automating and robotizing technological processes, it contributes to increasing the profitability of the food economy, including the agricultural production, in addition to the efficient use of available environmental resources

**Strategic objectives**

**Agricultural production**  
*Wider use of precision farming (S1)*

**Farm**  
*Data based farm management (S2)*

**Product chain**  
*Product traceability and transparency (S3)*

**Horizontal objectives**

<p><b>Human resources (H1)</b></p>	<p><b>Development of digital competences of agri-food business operators (H1.1)</b> <b>Provision of digital agricultural advice to farmers (H1.2)</b></p>
<p><b>Research-innovation (H2)</b></p>	<p><b>Development of digital agri-innovation environment (H2.1)</b> <b>Development of agricultural digital startup ecosystem (H2.2)</b></p>
<p><b>Administrative and public services (H3)</b></p>	<p><b>Reducing the cost of access to public digital databases and services (H3.1)</b> <b>Legal (de)regulation of agricultural digitalisation (H3.2)</b> <b>Digitalisation of EU and national data collection and processing systems (H3.3)</b></p>
<p><b>Digital investment (H4)</b></p>	<p><b>Promotion of sustainable and precision farming (H4.1)</b></p>



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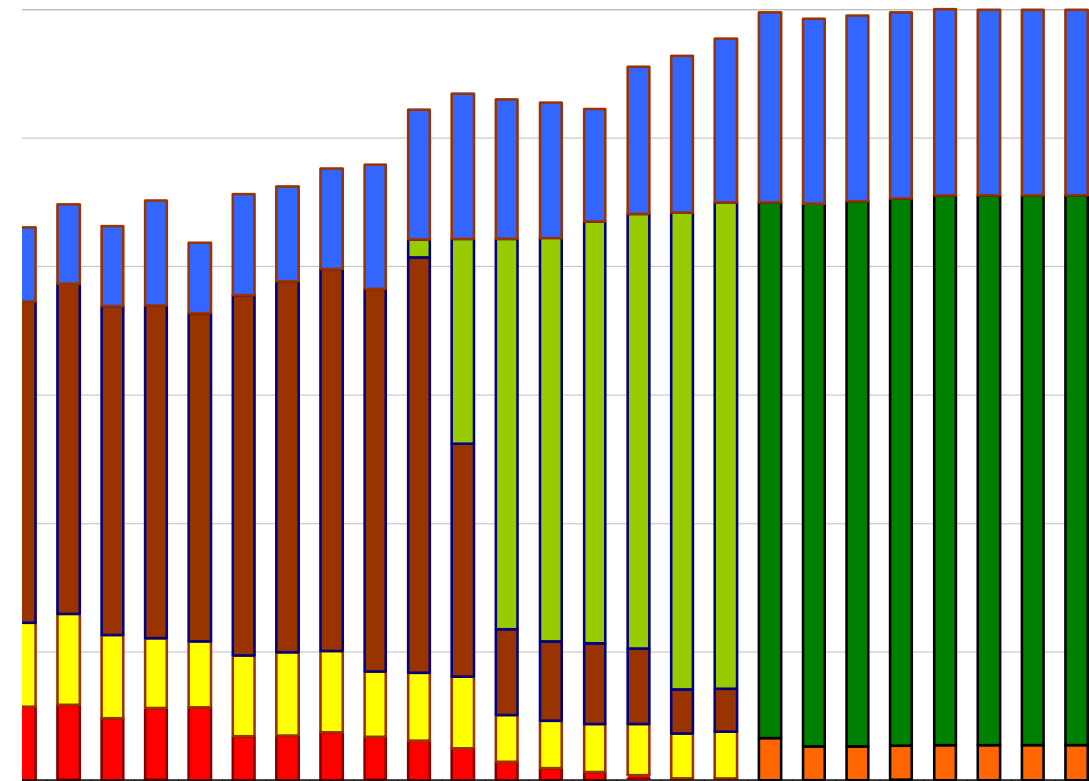
# New CAP (2023-2027): Cross-cutting objective to help – Digital Agricultural strategy incorporated



## New CAP targets: 9+1 specific objectives

1. Fair Revenue in Agriculture
2. Increasing the competitiveness of the sector
3. More balanced power in the food chain
4. Climate change measures
5. Sustainable use of natural resources
6. Landscapes and biodiversity conservation
7. Supporting generational renewal
8. Economic revitalisation of rural areas
9. Food quality and protection of health

**Cross-cutting objective: knowledge transfer, innovation, digitalisation**

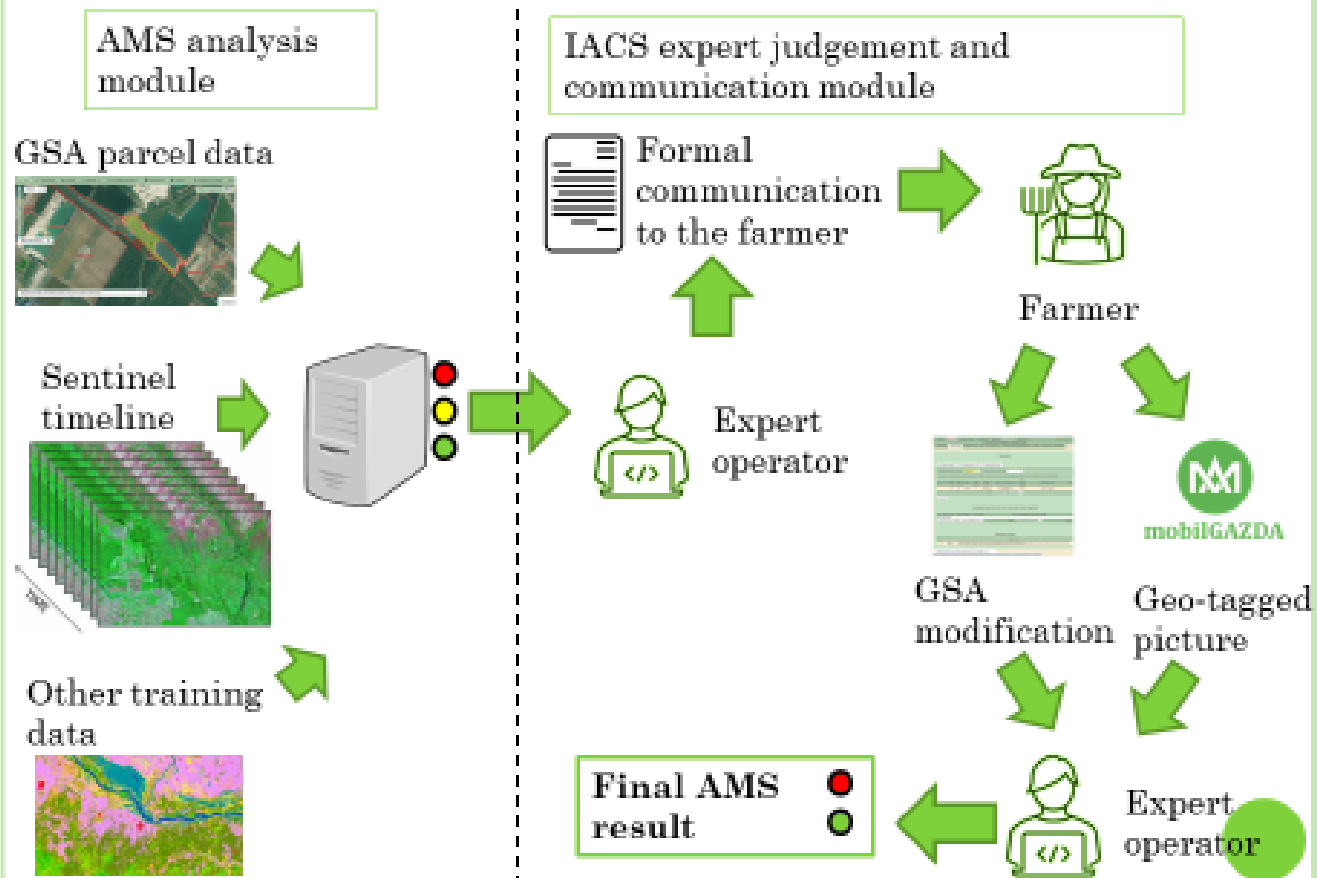


# New CAP new digital control mechanisms

## Area Monitoring System (AMS/TMR) + Mobilgazda



### AMS PROCESS



# Cross-cutting objective: knowledge transfer, innovation, digitalisation, AKIS



- Advisory services (RD60): 205 million euro
- Training and demonstration programmes (RD58): EUR 13.7 million
- European Innovation Partnership (EIP) (RD61): 36.2 million euro
- **Digital transformation of agricultural holdings RD02 - EUR 273,9 million**
- **Smart village 77 RD56 – EUR 4.3 million**



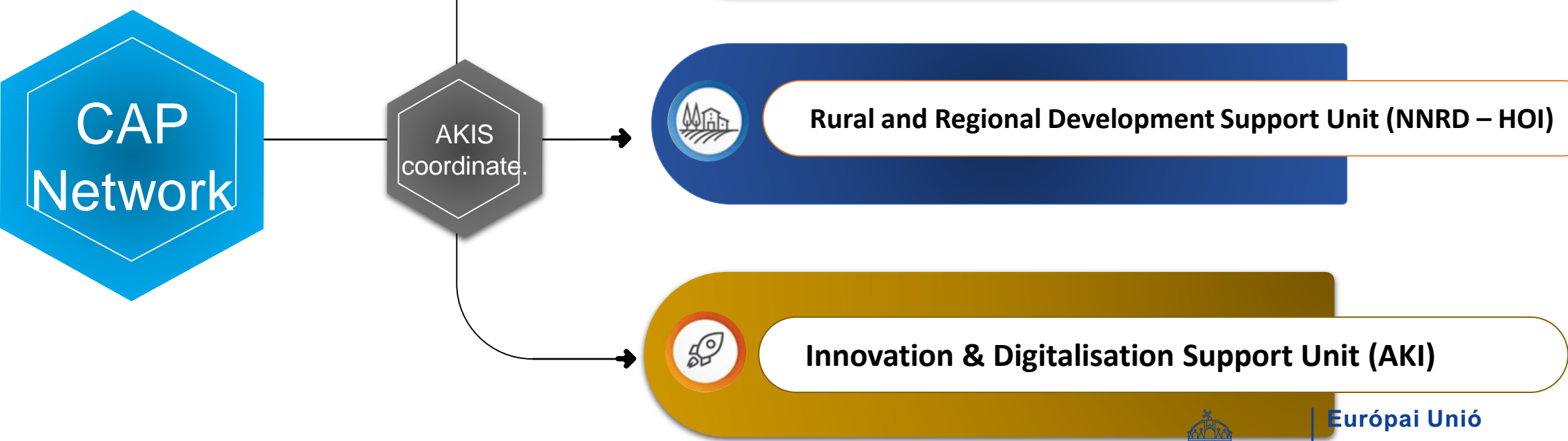
## Other support options:

- CAP Network
- EU and Hungarian research and innovation proposals





# New CAP new Support Network



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# Thank you for your attention.



In case of question: <https://kap.gov.hu/> and [aniko.juhasz@am.gov.hu](mailto:aniko.juhasz@am.gov.hu)