

# Experience in sustainable agricultural education

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Cluster 6 Brokerage Event Warsaw, 27 May 2025



## Topic(s) addressed:

SKILL TRAINING ECOSYSTEM PILLAR FOR FUTURE AGRICULTURAL RESILIENCE HORIZON-CL6-2025-03-GOVERNANCE-14: Preparing farmers, their workforce and advisors to the future of agriculture by providing the relevant knowledge and skills at the right time and place.

#### Other topics of interest:

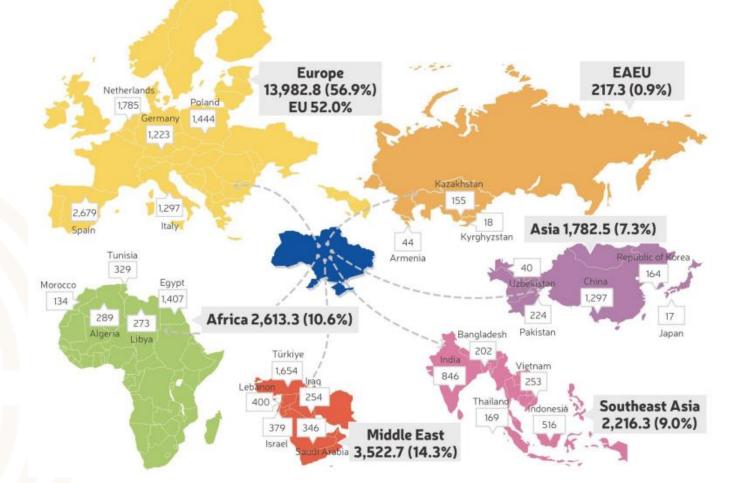
Agroecological farming practices,
Agricultural & Ecological digitalization,
GIS in Agriculture, Organic Farming,
Optional: FARM2FORK
HORIZON-CL6-2025-01-CIRCBIO-14:
Reconstructing areas affected by
conflicts: the role of the bio-based
solutions





## Major importers of Ukrainian products 2024, mln USD







## Project idea

Background: Farmers, their workforce and advisors face the challenges of climate change, market and political instability, technological progress and other shocks but do not have sufficient access to adaptive, structured and practically orientated knowledge and skills at the right time and place for an accelerated transition to sustainable agricultural production.

The project aim to enhance the capacity of farmers, their workforce, and agricultural advisers to adapt to modern challenges in agriculture by developing and implementing adaptive, flexible, structured, and practically orientated lifelong learning systems. Particular attention is paid to strengthening the interaction between participants in the AKIS, introducing innovative digital tools and learning methods. STEP4FAR will contribute to the transition to sustainable agricultural production as the basis for sustainable food supply chains in Europe.

The consortium STEP4FAR is open to organizations that have experience with sustainable agriculture and education. Organizations with proven experience in developing and implementing educational programmes for farmers, their workforce, and advisors are the focus.

Institutions engaged in sustainable agriculture, climate change adaptation, and the application of new technologies. Participants should have experience creating and maintaining interactions among farmers, advisors, scientists, and policymakers.









## Our research expeditions



Crater from an exploded Shahed drone



Crater from a high-explosive tank shell, Ø3 m



Crater from an Iskander missile, Ø12 m



Crater from a Uragan rocket, Ø8 m



Crater from a Smerch rocket, Ø8 m

#### POLISSIA NATIONAL UNIVERSITY, UKRAINE

#### **OUR PRIORITIES:**

Agricultural policy, food security, rural territories development.

Innovative research in the field of ecology, bioeconomics, natural resources, agriculture and environment.

Integrated management and mutual reinforcement (interaction) of digital and green transformations, in particular within the framework of the Green Course.

Digital transformation of small and mediumsized enterprises, public sector institutions and organizations, and communities through the introduction of space and geoinformation technologies, automation, digitalization, and robotics.





Pilot project on training women farmers on progressive principles of crop production under the sponsorship of the Japan International Cooperation Agency (JICA)





## The expertise possessed by PNU



#### **Center for Dual Education**

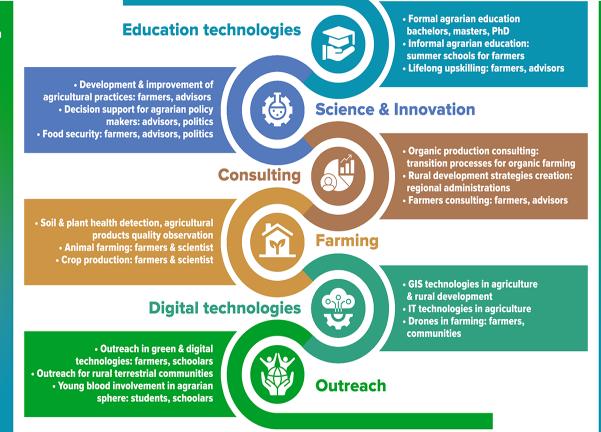
Partner farms

#### Center for Digital Technologies and Systems Modeling

 Computer Engineering and Telecommunications Laboratory

#### Center for Agriculture, Environment and Bioeconomy

- Experimental field
- Botanical garden
- Measuring laboratory for soil quality, agricultural products, agrochemicals
- Organic production center «Polissia Organic»



## POLIDIH Polissia Digital Innovation Hub

- State Space Agency of Ukraine
  - National Space Management and Testing Center
    - Robotics and Maker Center Robot.ON
    - ITM Industry Group

#### Center of Space and Geoinformation Technologies

- Remote sensing information receiving station
  - Software and technical complex for geospatial data management

#### Center for Automation, Digitalization and Robotics

 Drone and navigation equipment complex















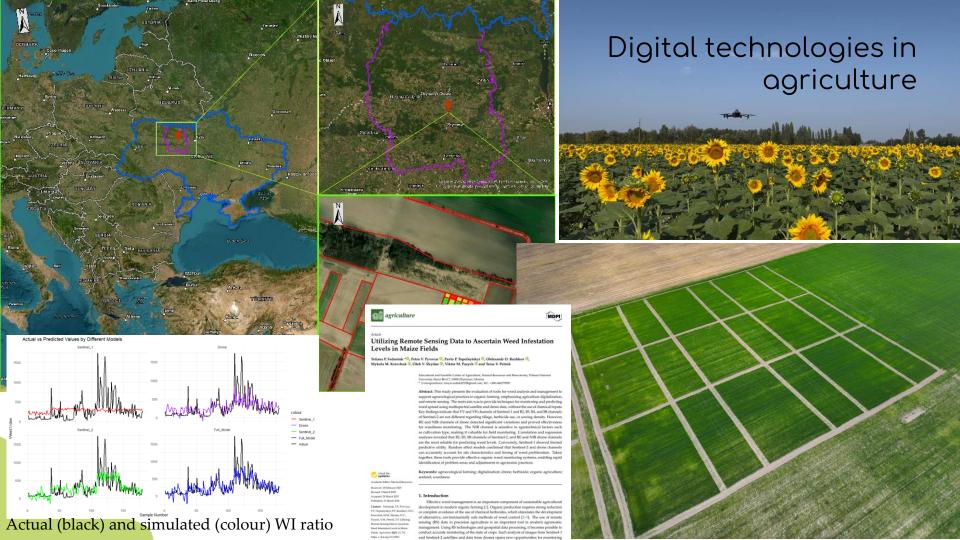








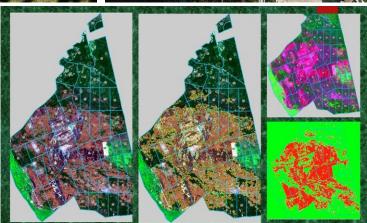














POLIDIH aims to digitally transform small and mediumsized businesses, the public sector, and communities in the northern regions of Ukraine using innovative technologies. It develops infrastructure, skills, and ecosystems to support social development



## POLISSIA DIGITAL

INNOVATION HUB



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## Involvement in ongoing projects in the area



Commission

HORIZON EUROPE 2021-2027



ID: 101084084 AGROSUS AGROecological strategies for SUStainable weed management in key European crops



ID: 101134874 **ACT4CAP27** Advancing Capacity and analytical Tools for supporting Common Agricultural Policies post 2027



Erasmus+



ID: 101179755 ReGrow Rebuilding Growth in Agriculture in Post-Conflict Ukraine & Transitioning Georgia



ID: 101178414

SUSTED Education for sustainable development: synergy of competences for the recovery of Ukroine

ID: 101127011 **EGARTU** The Experience of the EU in Green Agriculture for the Recovery and Transformation of Ukraine in the Post-War Period

ID 101082258 **EACEA** European case of inclusive rural development policy: the roadmap for Ukraine

ID: 101082325

**EUCP EU Cohesion Policy** 



Advanced Digital Skills



ID:101191240 **POLIDIH** Polissia Digital Innovation Hub

> Ministry of Science and Education of Ukraine / **HORIZON 2020**

Geoinformation support of organic agriculture transition processes



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#### Contact details

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E-moil: tanyavasiluk2015@gmail.com HORIZON-CL6-2026-01-BIODIV-07: Boosting agrobiodiversity for food security and sustainable competitiveness Google Docs HORIZON-CL6-2026-03-GOVERNANCE-10: Embracing innovation agriculture by peer-to-peer learning via on farm-demonstrations and cost-benefit analysis - Google Docs

