



Horizon Europe Brokerage Event
Cluster 6 Calls 2025

Warsaw, 27 May 2025

STEP4FAR Skill Training Ecosystem Pillar for Future Agricultural Resilience

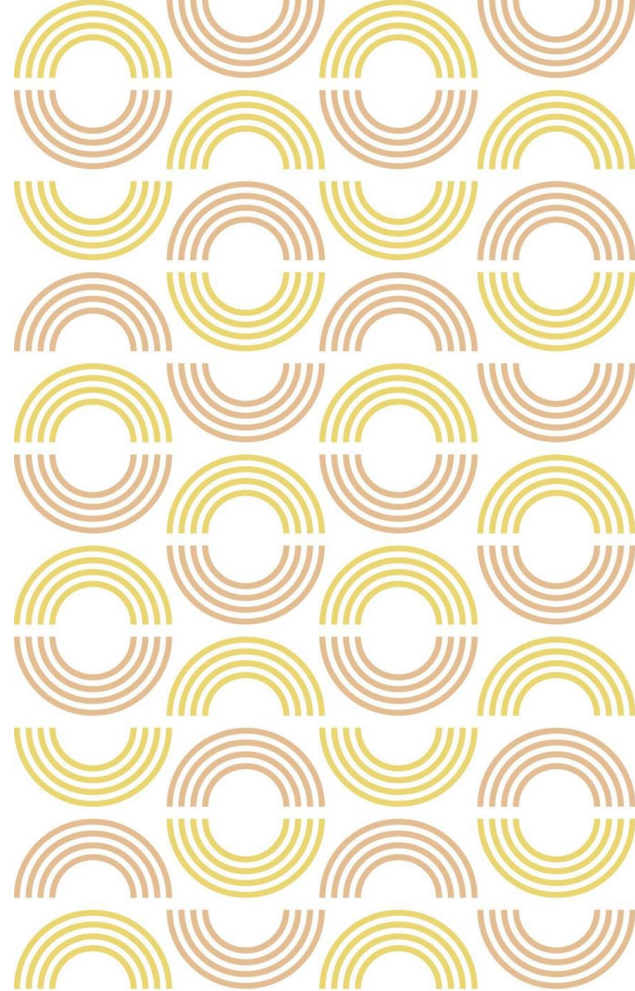
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Topic(s) addressed:

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.



POLISSIA NATIONAL UNIVERSITY, UKRAINE**OUR PRIORITIES:**

Agricultural policy, food security, rural territories development.

Innovative research in the field of ecology, bio-economics, 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 medium-sized enterprises, public sector institutions and organizations, and communities through the introduction of space and geoinformation technologies, automation, digitalization, and robotics.

**HORIZON EUROPE****Erasmus+****DIGITAL
EUROPE
PROGRAMME**



Crater from an exploded Shahed drone



Crater from a high-explosive tank shell, Ø3 m



Crater from a Uragan rocket, Ø8 m



Crater from an Iskander missile, Ø12 m



Crater from a Smerch rocket, Ø8 m



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»

Education technologies



- Formal agrarian education bachelors, masters, PhD
- Informal agrarian education: summer schools for farmers
- Lifelong upskilling: farmers, advisors

- Development & improvement of agricultural practices: farmers, advisors
- Decision support for agrarian policy makers: advisors, politics
- Food security: farmers, advisors, politics



Science & Innovation

- Organic production consulting: transition processes for organic farming
- Rural development strategies creation: regional administrations
- Farmers consulting: farmers, advisors

Consulting



- Soil & plant health detection, agricultural products quality observation
- Animal farming: farmers & scientist
- Crop production: farmers & scientist



Farming

Digital technologies



- GIS technologies in agriculture & rural development
- IT technologies in agriculture
- Drones in farming: farmers, communities



Outreach

- Outreach in green & digital technologies: farmers, scholars
- Outreach for rural terrestrial communities
- Young blood involvement in agrarian sphere: students, scholars

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

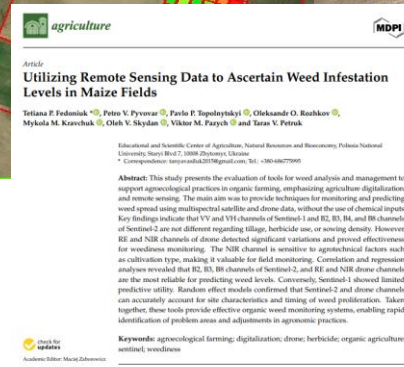
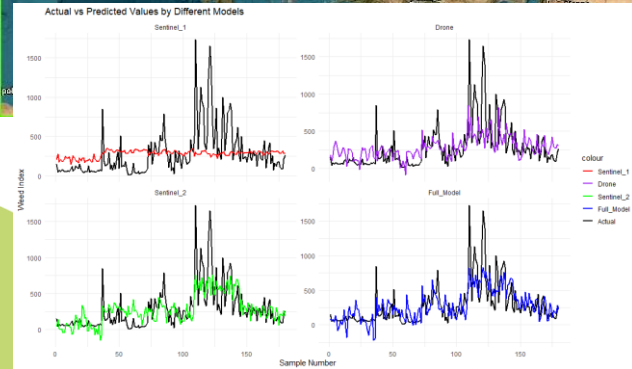
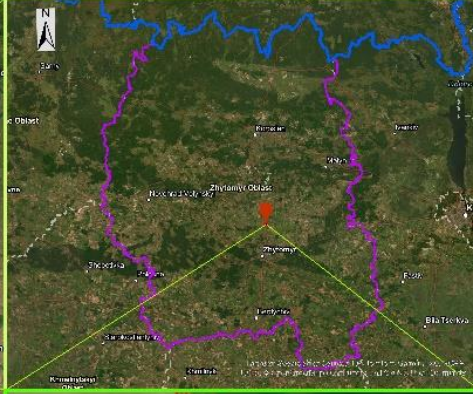
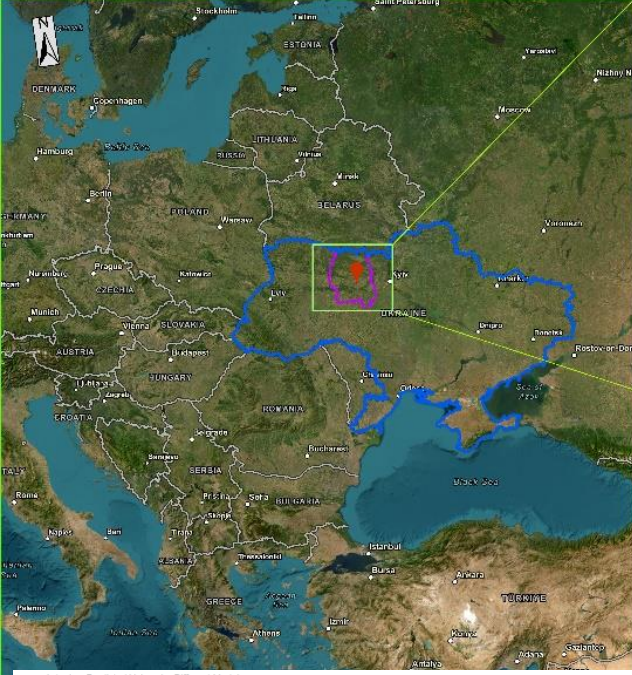
Our regular field trips



Our regular field trips



Digital technologies in agriculture



Actual (black) and simulated (colour) WI ratio

Involvement in ongoing projects in the area



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



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
Ukraine

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

DIGITAL
EUROPE PROGRAMME

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

Contact details

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