

Interreg

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NEXT

Romania – Ukraine

ROUA00136
SMS-RO-UA

Project overview

“SMS-RO-UA: DEVELOPMENT OF SCREENING AND MONITORING SYSTEMS FOR EMERGING DISEASES AND PREVENTION OF CROSS-BORDER EPIDEMICS IN THE CURRENT CONTEXT” financed by the EU under the Interreg VI-A NEXT Romania-Ukraine Programme 2021- 2027 Project Code: ROUA00136

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18 SEPTEMBER 2025 | Odesa

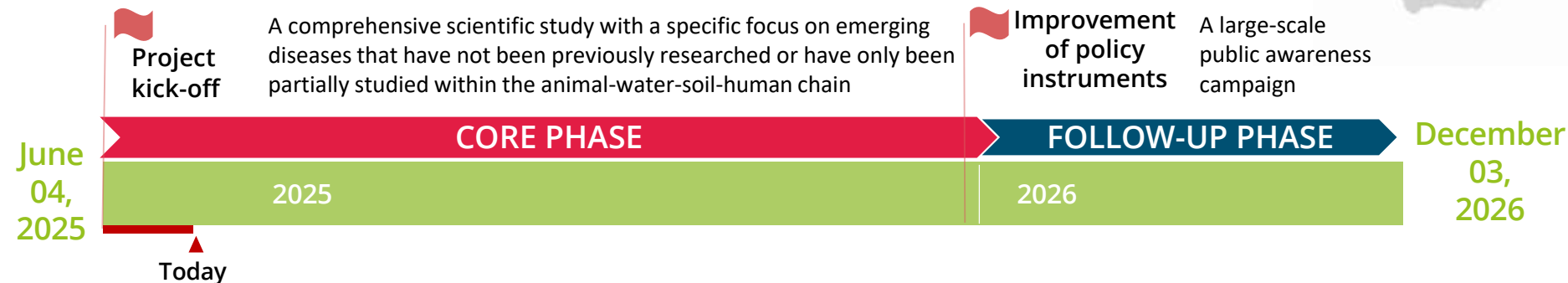
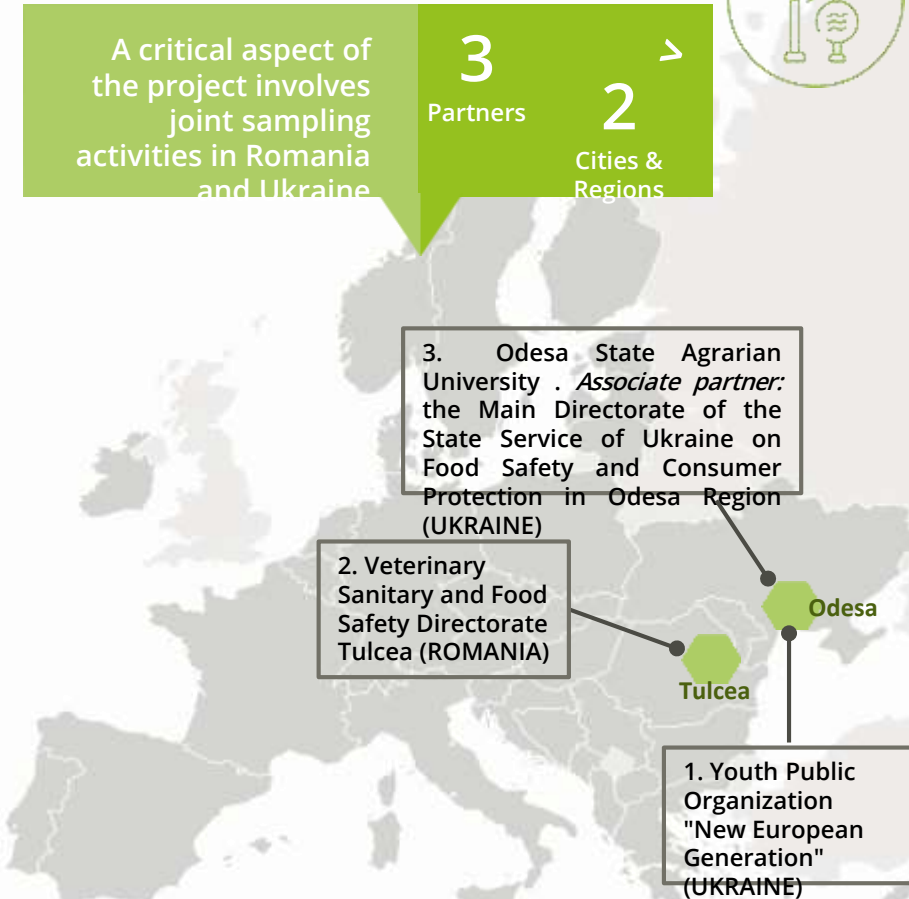
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SMS-RO-UA UNDER THE AUSPICES OF THE EU: GOALS, RESOURCES AND EXPECTED ACHIEVEMENTS

Objective

At the Programme level, the project aligns with three of the six environmental objectives, focusing primarily on the sustainable use and protection of water and marine resources





PROJECT PARTNERS



Lead Partner - Youth public organization "New European Generation" (Ukraine)



Partner 2 - Veterinary Sanitary and Food Safety Directorate Tulcea (Romania)



Partner 3 - Odesa State Agrarian University (Ukraine)

ASSOCIATE PARTNER



Main Directorate of the State Service of Ukraine on Food Safety and Consumer Protection in Odesa Region (UKRAINE)



Project work plan

Activity 1.1 - Communication and visibility actions

Activity 1.2 - Improvement of the laboratory complex at Odesa State Agrarian University (Ukraine)

Activity 1.3 - Equipment and supplies for DSVa laboratory in Romania

Activity 1.4 - Joint research of emerging diseases in cross-border area: sampling and analysis

Activity 1.5 - Increasing awareness on emerging diseases and the prevention of cross-border epidemics

Activity 1.6 - "One Health" information campaign

Activity 1.1 - Communication and visibility actions

Objective:

Comprehensive study of emerging diseases in the "animal-water-soil-human" chain

Key Activities:

Joint sampling and analysis in Romania and Ukraine

Modernization of laboratories at Odesa State Agrarian University and DSVSA (Romania)

Development of recommendations for policy improvement

"One Health" information campaign and public awareness

Activities within the programme

Code Number	Activity Title	Description	Implementation Period
D.1.1.1	Launching conference in Izmail, Ukraine	The event dedicated to the launch of the project: 1 day event, 30 participants/event. The EU financing, project objectives, expected outputs and results will be presented.	Period 1, 1-4
D.1.1.2	Final Conference in Izmail, Ukraine	The event dedicated to the finalization of the project: 1 day event, 30 participants/event. The EU financing, project achieved outputs and results will be presented	Period 5, 17 - 18
D.1.1.3	Launching information event in Tulcea Romania	The event dedicated to the launch of the project: 1 day event, 30 participants/event. The EU financing, project objectives, expected outputs and results will be presented.	Period 1, 1-4
		The event dedicated to the launch of the project: 1 day event.	

Activity 1.2 - Improvement of the laboratory complex at Odesa State Agrarian University (Ukraine)

Modernization of the Odesa State Agrarian University Laboratory Complex

Objective: To modernize the laboratory for improved research and analysis quality

Activities: Acquisition of specialized equipment for:

- better sample preservation
- more accurate microorganism identification
- safe handling of infectious diseases.

Expected Outcomes:

- Increased accuracy of analyses and improved working conditions
- Enhanced ecological safety
- Training of highly qualified specialists
- Strengthening the reputation of Odesa State Agrarian University
- as a leading educational institution





Planned activities schedule and Implementation

Code Number	Title of Activity	Detailed Description	Implementation Period
D.1.2.1	Specialized laboratory equipment for research	Specialized equipment will be purchased and put into operation.	Period 2
D.1.2.2	Laboratory furniture	Laboratory tables with a superstructure for all equipment (3 pcs), laboratory chairs (10 pcs), metal cabinets for laboratory clothes (5 pcs) will be purchased.	Period 2
D.1.2.3	Sampling consumables and reagents	Disposable supplies and reagents with test systems and kits necessary for ELISA and PCR analysis of samples from different animal species will be purchased.	Period 3



Activity 1.3 - Equipment and supplies for DSVA laboratory in Romania

Code Number	Title of Activity	Detailed Description	Implementation Period
D.1.3.1	Specialized equipment for laboratory	Centrifuge without a refrigerator and without rotor, 24 place, 45 grade, bioseal, phenol resistant angle rotor, microbiological safety cabinet, UV light and adjustable support stand, necropsy table, and mini-freezer with single zone will be purchased for the laboratory.	Period 2
D.1.3.1	Furniture for the laboratory	3 interconnected desks, 4 chairs, 3 library-type units, a table, 2 chests of drawers will be purchased for the laboratory.	Period 2
		Disposable supplies and reagents that include test	



Joint Research: OSAU & DSVSA (Romania)

Objective:

Conduct joint research on emerging diseases in the cross-border region

Focus Diseases:

- African Swine Fever
- Avian Influenza
- Leptospirosis
- West Nile Virus
- Toxoplasmosis

First Study Visit (Period 1)

Purpose: Agree on sampling, delivery, and research preparation methods
Output: Finalize and approve the project's technical specifications
Knowledge Exchange: Share experience on PCR and ELISA methods

Second Study Visit (Period 3)

Participants: 5 master's students from the OSAU Faculty of Veterinary Medicine.
Purpose: Discuss intermediate results, challenges, and conclusions
Adjust methodology to ensure result accuracy
Presentation: Present the sample analysis processes to partners and stakeholders



Joint activities and implementation schedule

Code number	Title of activity	Detailed description	Implementation period
D.1.4.1	2 Study visits in Romania and Ukraine	2 study-visits conducted in RO and UA: 1 day/event. Study-visit in UA in hybrid format and study-visit in RO in physical format with the participation of 5 stakeholders from OSAU for presentation and study of samples' analysis.	Period 3
D.1.4.2	Joint TOR for analysis	Concluded TOR with the the timeframe and terms, stages of research, requirements/conditions for sampling, methods for samples'analysis, assessment procedure, reporting, etc.	Period 1
D.1.4.3	Joint GIS platform	Developed joint GIS platform on the basis of the information received from PP2 and PP3.	Period 4
D.1.4.4	Joint scientific report	Prepared joint research report by PP2 and PP3 based on two individual reports on provided analysis of emerging diseases with interpretation of data and results. Will be published on the website of the project.	Period 4
D.1.4.5	Practical Guide "Assessment of Emerging Diseases"	Developed guide on assessment of emerging diseases on the basis of performed analysis of emerging diseases in the animalwater-soil-human chain with the practical recommendations for sampling, analysis, unified approaches and accurate methods, etc. Will be published on open resources.	Period 4



Activity 1.5 - Increasing awareness on emerging diseases and the prevention of cross-border epidemics

Development
of 5 protocols
by ODAU

Before Training: OSAU will create 5 protocols with step-by-step instructions
Focus: Identifying the sources of African Swine Fever, West Nile Virus, Leptospirosis, Toxoplasmosis, and Avian Influenza in the animal-water-soil-human chain
Content: Transmission, negative impacts, and prevention measures for veterinary, medical, and local authorities
Outcome: Protocols will be presented during training and published online

Two hybrid
training
seminars

Goal: Raise awareness about emerging diseases and prevent cross-border epidemics
Format: Two one-day, hybrid events (100 participants per event, min. 30 in person)
Content: Presentation of research findings and the developed guide. Promoting the importance of harmonized data on emerging diseases. Data transfer to the EU for joint control of epidemics

International
conference:
"Modern
Challenges of
Emerging

Host: Youth Public Organization "New Generation of Europe"

Format: One-day hybrid event

Purpose:

- Present the Joint Research Report and the "Assessment of Emerging Diseases" guide
- Facilitate discussion among stakeholders on future collaboration, data sharing, and harmonizing animal health approaches



Protocols, training and International conference – activities and implementation schedule

Code number	Title of activity	Detailed description	Implementation period
D.1.5.1	5 protocols for African swine fever, West Nile Virus, Leptospirosis, Toxoplasmosis, Avian flu	5 protocols with step-by-step instructions for identification of a source of African swine fever, West Nile Virus, Leptospirosis, Toxoplasmosis, Avian flu and their prevention for joint preventive and liquidation measures will be developed by PP3.	Period 4
D.1.5.2	Two training seminars in Romania and Ukraine	Training sessions in RO and UA conducted by PP2 and PP3 in hybrid format: 1 day/event, 100 participants /event will be conducted.	Period 4
D.1.5.3	International conference "Modern Challenges of Emerging Diseases"	International conference in UA will be organized by LP1 as a 1 day/event in hybrid format, min. 30 participants.	Period 4



Activity 1.6 - "One Health" information campaign

Raising awareness for animal health and welfare

Project Goal

- To launch a comprehensive campaign focused on raising public awareness about animal health and welfare within the One Health approach
- The goal is to increase public attention to animal health, food safety, and epidemic prevention

Key activities

1. Information Campaign

- Create 5 short educational videos on new diseases, transmission, and prevention.
- Disseminate videos via public platforms (Facebook, web pages) and distribute them to educational and medical institutions for maximum reach.

2. Expert Seminar

- Organize a one-day seminar with 10 veterinary professionals to identify key knowledge gaps in the public regarding new diseases and animal health.
- The group will prioritize actions and develop recommendations for animal keepers.

3. Informational Materials

- Develop an informational leaflet in collaboration with stakeholders.
- Distribute leaflets to veterinary clinics and promote them through social media.

4. Public Seminars

- Conduct 6 one-day seminars in the Odesa region for the general public, breeders, and pet owners (15 participants per seminar).
- Topics will include EU practices on animal care, vaccination, and responsible pet ownership, as well as protocols and recommendations developed by veterinary experts.

5. Workshops for Professionals

- Host 2 workshops for veterinary services, clinics, and NGOs to analyze the current epidemiological situation.



Activity implementation plan

Code number	Activity Title	Description	Implementation period
D.1.6.1	5 Short Informational Videos	5 short, animated and informative videos about emerging diseases, ways of transmission, infection prevention, mitigation of risks, etc. are developed.	Period 3
D.1.6.2	3 workshops in Izmail with veterinary experts	3 workshops conducted in UA: 1 day/event; 10 participants/event.	Period 5
D.1.6.3	Recommendation sheet for animal keepers	Recommendation sheet for animal keepers will be elaborated by LP1 and veterinary experts at the 1st workshop.	Period 2



Expected outcomes

- **Foster collaboration:** unite a diverse group of specialists in animal health, food safety, and veterinary medicine to promote a collaborative One Health approach to combating emerging diseases
- **Increase awareness:** raise public awareness about animal health and welfare, food safety, and the prevention of cross-border epidemics
- **Promote knowledge exchange:** encourage the sharing of knowledge on the etiology, diagnosis, and prevention of diseases in the transboundary region
- **Strengthen partnerships:** create new and reinforce existing relationships, expanding the network of partner institutions.
- **Align with EU standards:** Take a step forward in helping Ukraine achieve EU standards in public and animal health



Thank you!

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