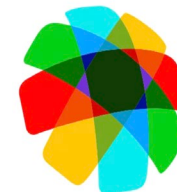




Food and Agriculture
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**The
Pandemic
Fund**
FOR A RESILIENT WORLD

**The Pandemic Fund:
«Pandemic Preparedness and
Response through a One Health
approach in Central Asia»**

**Implementation of project for 2025:
general information, development and
main results.**

6 October, 2025, Tashkent





Project components

1. Strengthening control capacity for prevention, preparation and operational response

- 1.1. Improvement of national and regional systems of epidemiological surveillance
- 1.2. Improvement of Multidisciplinary Epidemiological Control on AMR
- 1.3. Improvement of multidisciplinary control over zoonoses
- 1.4. Quarantine and border security control

2. Increase laboratory capacity

- 2.1. Increasing the efficiency of laboratory systems*

3. Personnel Capacity Building

- 3.1. Raising awareness and involving the public about risks
- 3.2. Multidisciplinary improved curriculum and platform
- 3.3. Improvement of the professional and technical staff of the Committee for Veterinary Medicine and Livestock Development of the Republic of Uzbekistan
- 3.4. Advanced Training of Veterinarians and Veterinary Specialists

4. Evaluation of the effectiveness of the PVS - Veterinary Service





Project coverage area

Events are organized
in all regions of the
Republic of
Uzbekistan.



Карта охвата



Strengthening laboratory capacity JEE D1.2 Laboratory Quality System

Based on the results of the laboratory assessments, primary laboratory equipment and consumables worth over 140,000 US dollars were procured and handed over to the Committee of Veterinary and Livestock Development.



Nº	Name of equipment
1	Ph-meter
2	Test media for detecting antibiotics
3	Electronic scales
4	Water bath
5	Centrifuge
6	Mikroskopes
7	Milk analyser
8	Refrigerators
9	PCR test systems for detecting LCD virus
10	PCR test systems for detecting FMD virus
11	Thermal hot fogger
12	Also other laboratory equipments

Strengthening laboratory capacity JEE D1.2 Laboratory Quality System

Initially, in March 2025, 70 refrigerators were delivered to the regional food safety laboratories.





Strengthening laboratory capacity JEE D1.2 Laboratory Quality System

**The second batch of equipment was delivered in August 2025.
This basic equipment is aimed at strengthening the material and technical base of food safety laboratories and enables the initial quality of food products to be assessed in more than 30 laboratories across the Republic.**





Strengthening laboratory capacity JEE D1.2 Laboratory Quality System

- **Several veterinary laboratories have been invited to participate in the Proficiency Test (PT) for the diagnosis of brucellosis, covering both serological and molecular testing schemes.**
- **The Republican Diagnostic Center for Animal Diseases in Tashkent, the Samarkand Veterinary Research Institute, and the Regional Diagnostic Centers in Khorezm, Bukhara, Karshi, and Fergana have been selected to participate and have received formal invitations. The implementation process has already commenced.**
- **FAO contracted the Istituto Zooprofilattico Sperimentale dell'Abruzzo e del Molise (IZSAM), based in Teramo, Italy — the National Reference Laboratory and FAO Reference Centre for brucellosis as the official PT provider.**





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Strengthening laboratory capacity JEE D1.2 Laboratory Quality System



In December 2024, an international consultant, conducted a food safety training at the Republican State Center for Animal Disease Diagnosis and Food Safety. The training was aimed at enhancing the qualifications of about 30 food safety specialists from various regions of the country, including Karakalpakstan.



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Strengthening laboratory capacity JEE D1.2 Laboratory Quality System

The overall objective of the training was to help participants understand the legislation related to food safety, the general and specific requirements for the accreditation of testing and calibration, as well as to identify excessively high levels of hazardous substances.





Strengthening laboratory capacity JEE D1.2 Laboratory Quality System

From 21 to 25 July 2025, a five-day training work on molecular diagnostics of bacterial and viral diseases was conducted for veterinary laboratory specialists.

The training was delivered by international expert. Twenty veterinary laboratory specialists took part in the sessions, gaining practical knowledge and hands-on experience in advanced methods of molecular diagnostics.





Improvement of the professional and technical personnel of the Veterinary Committee JEE D.3.3 Personnel Training

- In order to develop the potential in the field of animal health, an international expert was involved.
- After a comprehensive assessment of the current situation in the field of veterinary education and advanced training of specialists of district veterinary departments, recommendations were prepared.
- Currently, the issue of implementing recommendations on the organization of a training center for a veterinary committee is being worked out





Improvement of the professional and technical personnel of the Veterinary Committee JEE D.3.3 Personnel Training. JEE D3.2: Human resources for the implementation of the International Health Regulations (IHR).

- A total of 21 people took part in the assessment, including 11 faculty members, 5 undergraduate students, 2 master's students, and 3 doctoral students.
- The assessment covered 174 questions, including the FINAL COMPETENCY EVALUATION, with six possible answers: not included in the curriculum / high / medium / insufficient competence / no competence / unknown.
- Questions for which 14 or fewer participants (i.e., less than 70%) rated themselves as competent at the medium or high level were identified as shortcomings.





Improvement of the professional and technical personnel of the Veterinary Committee JEE D.3.3 Personnel Training.

JEE D3.2: Human resources for the implementation of the International Health Regulations (IHR).

On 6 November 2024, a workshop was held for the faculty members of the Veterinary Faculty and Veterinary Colleges of Samarkand University, and a survey was conducted to assess the veterinary curricula of these institutions.

In December 2024, a detailed report on the assessment results was presented during the subsequent mission.



Enhancing the knowledge and competencies of veterinarians and veterinary paraprofessionals. JEE D.3.3: Personnel training.

As part of the project, specialists from Uzbekistan's veterinary service undertook a study visit to Kyrgyzstan.

The specialists visited regions such as Bishkek, Issyk-Kul, and Karakul, where they familiarized themselves with veterinary service systems, epizootic surveillance, and food safety.



Enhancing the knowledge and competencies of veterinarians and veterinary paraprofessionals. JEE D.3.3: Personnel training

As part of the visit, they became acquainted with the work of private veterinary clinics, dairy processing enterprises, slaughterhouses.



Improvement of the professional and technical workforce of the Veterinary Committee

From 23 June to 10 July 2025, a series of training workshops on the application of the 7-1-7 tool for the early detection and rapid response to animal disease outbreaks was conducted jointly with the State Committee for Veterinary and Livestock Development of Uzbekistan.

This initiative was aimed at strengthening veterinary surveillance capacity and emergency preparedness at the field level in line with international standards.





Improvement of the professional and technical workforce of the Veterinary Committee

The 7-1-7 approach is designed to ensure that outbreak signals are detected within 7 days, reported within 1 day, and responded to within 7 days.

Trainings were organized in all 13 regions of Uzbekistan, with the participation of more than 325 district-level veterinary specialists. These frontline officers play a key role in detecting and managing animal health threats, including zoonotic diseases with pandemic potential.



Improvement of the professional and technical workforce of the Veterinary Committee

Each training included theoretical sessions, group discussions, and practical exercises that introduced the practical application of the 7-1-7 model.

The sessions also addressed issues of coordination with health authorities and the use of digital tools such as EMPRES-i+ and WAHIS for disease outbreak notification and monitoring.





PVS - assessment of the effectiveness of the veterinary service

Previous PVS evaluations of the veterinary service:

- *In July 2017, a PVS mission was conducted to assess the veterinary service of WOAHA in the Republic of Uzbekistan.*
- *In August 2018, a PVS Gap Analysis was carried out based on the assessment of shortcomings.*
- *In July 2019, an assessment of veterinary legislation was conducted, and in September 2019, an evaluation of the sustainable development of the laboratory network took place.*
- *In December 2023, an aquaculture mission was conducted*





PVS - assessment of the effectiveness of the veterinary service

The Veterinary Committee, with the support of the FAO and the Pandemic Fund project , conducted the next PVS assessment mission to the WOAH on January 13-24, 2025. Mission includes:

- 1. Veronika Bellman - head of the expert group.**
- 2. Ago Partel - Technical Expert.**
- 3. Suzanne Munstermann -Technician and expert on PPR.**
- 4. Tamilla Aliyeva - expert in education.**
- 5. Eran Raisman - Senior Specialist in Veterinary Medicine and Animal Husbandry of the FAO Regional Office for Europe and Central Asia.**



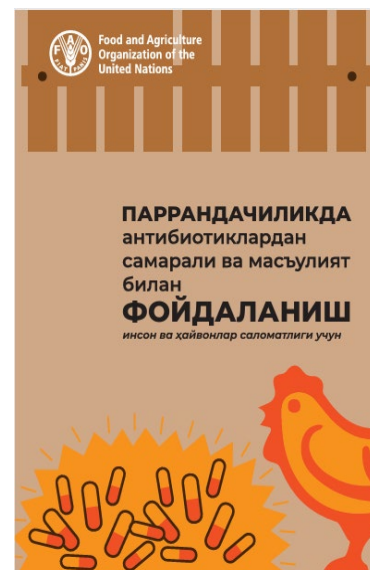
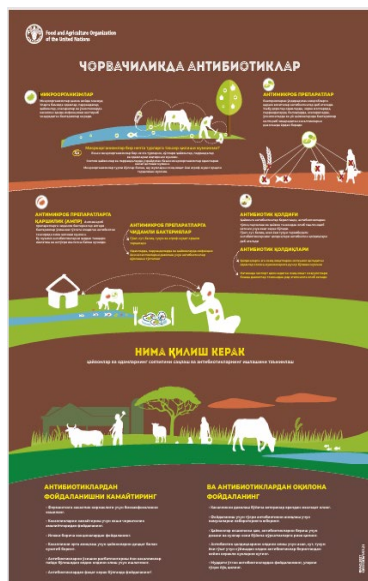
PVS - assessment of the effectiveness of the veterinary service

- The PVS evaluation was conducted on farms and livestock markets in the Bukhara, Samarkand, and Tashkent regions of the Republic;
- at the 'Yallama' border crossing point in the Tashkent region;
- at the State Scientific Center for Quality Control and Circulation of Veterinary Medicines and Feed Additives; as well as in veterinary clinics and veterinary-expert laboratories in Tashkent.





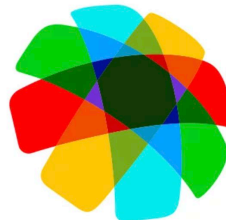
Public engagement and raising public awareness



FAO Uzbekistan has also distributed printed informational materials on the prudent use of antibiotics and the reduction of their application in dairy and poultry production, as well as guidelines for veterinarians and farmers on animal disease prevention. A total of 3,000 copies have been delivered and distributed.



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