

WORKSHOP OUTPUTS – IHR-PVS NATIONAL BRIDGING WORKSHOP - KYRGYZSTAN

OUTPUT 1: ASSESSMENT OF LEVELS OF COLLABORATION FOR 16 KEY TECHNICAL AREAS

Technical area (cards)	Rabies	Anthrax	H5N1	Brucellosis	Echinococcosis	Score
Communication w/ media	Red	Yellow	Red	Red	Yellow	8
Finance	Red	Red	Red	Red	Green	8
Coordination at a technical level	Red	Red	Yellow	Red	Green	7
Education and training	Red	Red	Green	Yellow	Red	7
Coordination at a local level	Green	Red	Yellow	Red	Yellow	6
Field investigation	Red	Red	Yellow	Yellow	Green	6
Laboratory	Red	Yellow	Yellow	Red	Green	6
Emergency funding	Yellow	Red	Red	Green	Green	5
Legislation / Regulation	Red	Red	Yellow	Green	Yellow	5
Response	Yellow	Yellow	Red	Yellow	Green	5
Risk assessment	Yellow	Red	Yellow	Yellow	Green	5
Communication w/ stakeholders	Red	Yellow	Green	Yellow	Green	4
Coordination at a high level	Yellow	Yellow	Green	Yellow	Yellow	4
Joint surveillance	Yellow	Yellow	Yellow	Yellow	Green	4
Human resources	Green	Yellow	Green	Yellow	Yellow	3

For each disease, the performance of the collaboration between the human health and the animal health sectors is color-coded: green for “good collaboration”, yellow for “some collaboration”, and red for “collaboration needing improvement”. The score uses a semi-quantitative scale (2 points for a red card, 1 for a yellow card and 0 for a green card). Technical areas marked in bold were selected and addressed in-depth throughout the rest of the workshop.

OUTPUT 2: OBJECTIVES AND ACTIONS IDENTIFIED PER TECHNICAL AREAS

Action	Timeline	Difficulty	Impact	Responsibility	Process
TECHNICAL AREA 1: LABORATORY AND SURVEILLANCE					
Objective 1: Enhancement of lab diagnostics of priority zoonoses					
1.1 Expert workshop “Modern diagnostics of priority zoonoses”	Q4 2019	++	+++	CVDENR DSES	<ul style="list-style-type: none"> Organize and deliver 2-days workshop on modern diagnostics methods of zoonoses with priority to the country Joint discussions on protocols used by two sectors Conduct gap analysis of the current laboratory diagnostics methods Address gaps in the current lab diagnostics Harmonization of methods of lab diagnostics Discuss possible exchange of materials and reagents
1.2 Modernize diagnostic methods for priority zoonoses and train laboratory staff		+	+++	SIVPS GKR CVDENR DSES	<ul style="list-style-type: none"> Analysis of current methods for priority zoonoses Study existing standards of WHO and OIE Update existing national standards on zoonoses
1.3 Train laboratory staff of both sectors on diagnostics of zoonoses		++	+++	Ministry of Health Veterinary Service	To train lab staff of the Center for Disease Prevention, DSES, CVDNR, and CVD in the South Region on modern methods of lab diagnostics as well as on information exchange
1.4 Define the need in ELISA and PCR equipment in both sectors	2019 - 2020	++	+++	CVDENR DSES	<ul style="list-style-type: none"> Involve technical expert on ELISA and PCR to develop specifications Procure ELISA and PCR equipment (4 sets of ELISA and PCR) for North and South regions for both sectors Train lab specialists (8 people: 4 serologists and 4 parasitologists – 2 from North and South regions from both sectors) Install the equipment
1.5 Develop a joint national strategy on Professional Test Schemes (PTS)	4 quarter 2020	++	+++	DSES Department of disease prevention SIVPS GKR CVDENR Kyrgyz Veterinary Research Institute	<ul style="list-style-type: none"> Sign the agreement between two sectors to conduct PTS Define areas to conduct PTS to test samples from humans and animals Develop PTS Conduct PTS
Objective 2: Development of joint strategy on zoonoses surveillance					
2.1 Establish a working group to develop a surveillance strategy on priority zoonoses	1 quarter 2019	+	+++	MOH VS	<ol style="list-style-type: none"> Update legislation on epi surveillance of zoonoses Develop ToR for a working group on development of joint surveillance strategy on zoonoses Establish the working group

					4. Functioning of the working group
2.2 Establish a joint database to exchange surveillance data between two sectors	4 quarter 2019	+++	+++	MOH VS	<ol style="list-style-type: none"> Analyze existing databases in both sectors Develop ToR for the database and a budget Find financial support (international donors?) Hire IT-specialists and develop the database Test and fine-tune the database Train the staff
2.3 Develop a joint active and passive surveillance plan for zoonoses	4 quarter 2019	+++	+++	MOH VS	<ol style="list-style-type: none"> Establish a working group Analyze existing plans Define ToR for the joint plan Involve external experts Develop a joint plan engaging the technical help Issue decrees to implement the plan Implementation of the joint plan
Objective 3: Update of legislation on sample receiving, sampling, and transportation of samples					
3.1 Develop SOPs on sample receiving, sample transportation, and exchange of results	2 quarter 2019	+	+++	CVDENR MOH	<ol style="list-style-type: none"> Analyze existing SOPs Develop SOP for sample receiving Coordinate work with Coordination Steering Committee Development of SOP for sample transportation
3.2 Train laboratory staff on the new SOPs	3 quarter 2019	++	+++	MOH Coordination Steering Committee VS	<ol style="list-style-type: none"> Find financial support for the workshops Nominee participants from both sectors Conduct workshops on a national scale Train the national trainers to conduct workshops on a local level
TECHNICAL AREA 2: COORDINATION ON THE CENTRAL, LOCAL, AND TECHNICAL LEVELS					
Objective 4: Development of joint strategy and legislation for the inter-ministerial committee on zoonoses					
4.1 Develop the memorandum between two sectors on cooperation and coordination in the area of zoonotic diseases	4 quarter 2019	+	+++	MOH SIVPS GKR	<ul style="list-style-type: none"> Establish a joint working group to develop a memorandum Define technical areas for the scope of the memorandum
4.2 Establishment and functioning of the intersectoral committee on prevention and control of zoonoses	1 quarter 2019	+	+++	MOH SIVPS GKR	<ul style="list-style-type: none"> Develop legislation necessary to establish the committee Develop ToR Regular meetings at a high level to exchange information (2 times a year) Nominee participants into committee
Objective 5: Improvement of coordination and information exchange between two sectors					

5.1 Nominee focal points for mutual information exchange between sectors on oblast and rayon level	1 quarter 2019	+	+++	MOH SIVPS GKR	<ul style="list-style-type: none"> Nominee candidates Develop ToRs Update the list of focal points not less than twice a year
5.2 Develop SOPs for information exchange between focal points of two sectors on the local level	2 quarter 2019	+	+++	Joint Committee of MOH and VS	<ul style="list-style-type: none"> Develop SOPs, including the algorithm of information exchange Agree and approve SOPs Conduct monthly coordination meetings between sectors
5.3 Develop electronic report system for two sectors	2 quarter 2019	++	+++	Joint Committee of MOH and VS	<ul style="list-style-type: none"> Analyze best practice existing in this field in the other countries Define types and focus of the reports to be included in the system Develop electronic report forms Set parameters of report exchange
TECHNICAL AREA 3: RESPONSE AND FIELD INVESTIGATION					
Objective 6: Training of both sectors on joint response and field investigation					
6.1 Update of curriculum for students on veterinary and medical faculties to include One Health aspects	2-4 quarters 2019	++	+++	Deputies of MOH, VS, Ministry of Education	<ul style="list-style-type: none"> Engage international technical experts for curricula development Develop One Health module(s) to include into student curricula Agree the plan to jointly include the developed module(s) into curricula
6.2 Develop an educational program for specialists of two sectors on response and field investigation		++	+++		<ol style="list-style-type: none"> Update post-graduation curricula of veterinarians with aspects of response and field investigation of zoonosis cases Conduct step-by-step training for 200 specialists – 2 per 7 oblasts and 2 cities; 42 specialists from rayons; central veterinary office Involve existing centers for post-graduate education of MoH (7 centers) for joint educational programs Continue remote education, paused earlier due to insufficient funds, including the following aspects: <ul style="list-style-type: none"> Defining the infection source Spread, prevention, and treatment Clinical aspects (symptoms of zoonoses) Epidemiology Risk groups
Objective 7: Standardizing of a joint response to zoonotic emergencies					
7.1 Develop a joint response framework plan for zoonotic outbreaks		+	+++	Joint working group of MOH and VS	<ol style="list-style-type: none"> Establish a joint working group Nominee representatives of MOH and VS Develop a general framework plan of joint response, including among others: <ul style="list-style-type: none"> logistics (personnel, materials, transport, disinfectants, personal protection equipment, etc.) joint deployment on the ground when emergency ToRs joint investigation act

					<ul style="list-style-type: none"> • budget of joint response and investigations
7.2 Develop sub-plans on joint response on priority zoonoses		+	+++	Joint working group of MOH and VS	Develop sub-plans detailing the following zoonoses: brucellosis, echinococcosis, TB, rabies, anthrax, leptospirosis, listeriosis, influenza (avian, swine)
7.3 Develop ToR to enable joint disease control centers for response and field investigation (for zoonoses outbreaks)		+	+++	Joint working group of MOH and VS	Develop ToRs for joint disease control centers of different levels, including staffing, aims, scope, etc.
7.4 Establishment of joint emergency supplies reserve	1 quarter 2019	+	+++	Joint working group of MOH and VS, and Ministry of Emergencies of Kyrgyz Republic	<ul style="list-style-type: none"> • Establish a joint working group on emergency supplies reserve procurement • Define top-priority medicines and food • Count needs in emergency reserve items based on localization • Nominee responsible persons, develop respective ToRs
7.5 Conduct training and simulation exercises to enable a high level of operational efficiency of two sectors		++	+++	MOH, VS, and Ministry of Emergencies of Kyrgyz Republic	<ul style="list-style-type: none"> • Develop document packages for the training and exercises • Define the target audience • Estimate budget • Find financial support • Conduct training on the general framework response plan and disease-specific response sub plans • Conduct table-top exercises • Conduct functional and full-scale simulation exercises

TECHNICAL AREA 4: COMMUNICATION

Objective 8: Establishment of a structure for joint communication

8.1 Establish communication department in Public Health and Veterinary Services and nominee focal points in both sectors	2020	++	+++	SIVPS GKR MOH	<ul style="list-style-type: none"> • Issue decree approving the new staff structure • Hire communication specialists • Nominee personal responsible for constant communication between sectors
8.2 Develop joint communication strategies for priority zoonoses	2020	+	+	SIVPS GKR MOH	<ul style="list-style-type: none"> • Agree and approve joint communication strategies • Define the aims and scope of awareness campaigns • Define the target audience • Define communication channels • Develop jointly complementary content for awareness campaigns
8.3 Develop SOPs for risk communication	2020	++	++	SIVPS GKR MOH	<ul style="list-style-type: none"> • Develop draft SOPs • Engage communication experts for SOPs development • Agree and approve SOPs
8.4 Develop joint educational and information materials on priority zoonoses	Ежегодно с 2019 г.	+++	++	SIVPS GKR MOH	<ul style="list-style-type: none"> • Identify priority diseases • Define types and formats of communication materials (video, posters, brochures, etc.) • Estimate budget • Find financial support

Objective 9: Training on joint risk communication					
9.1 Conduct training on risk communication for specialists from both sectors	Annually from 2019	+++	+	SIVPS GKR MOH	<ul style="list-style-type: none"> • Involve international experts in communications to develop train-the-trainer training • Deliver the train-the-trainer training for 1 medical and 1 veterinary specialist per each oblast • Train risk communication specialists (4 people from each sector from each oblast (28 total))
9.2 Conduct joint training for medical, veterinary specialists and village health committees	Annually from 2019	+++	++	SIVPS GKR MOH	<ul style="list-style-type: none"> • Develop a training program • Define regions suitable for training • Estimate budget • Find financial support
Objective 10: Increase population awareness on control and prevention of diseases					
10.1 Update school curricula with information on priority zoonoses	2020	+	+++	SIVPS GKR Department of Disease Prevention and Episurveillance	<ul style="list-style-type: none"> • Update secondary school curriculum (subject "Principles of personal and social safety") with aspects of prevention of zoonotic diseases • Agree with Ministry of Education • Train teachers
10.2 Create One Health section for zoonoses on websites of two ministries	2020	++	+	SIVPS GKR MOH	<ul style="list-style-type: none"> • Design One Health pages for the websites of MoH and VS; develop the content devoted to One Health and zoonotic diseases • Update the content regularly

Difficulty of implementation: Low +, Moderate ++, Very difficult +++

Impact: Low impact +, Moderate impact ++, High impact +++

OUTPUT 3: PRIORITIZATION RESULTS

All participants were asked to vote individually via sticking white stickers onto the objective cards to select which five of the identified objectives they considered as of the highest priority. Voting results showed uniformity, with none of the objectives being considered as a low priority, and few objectives showing high scores, highlighting the importance of all of the identified objectives for strengthening the cooperation and communication between two sectors.

