

OUTPUT 2: OBJECTIVES AND ACTIONS IDENTIFIED PER TECHNICAL AREAS

Action	Timeline	Difficulty (1-3 scale)	Impact (1-3 scale)	Responsibility	Process
JOINT SURVEILLANCE, RISK ASSESSMENT & COORDINATION					
Objective 1: Improve coordination and linkages between human and animal health sectors					
1.1 Nominate national coordinators for zoonoses	December 2019	+	+++	MoH, FVA	1) Develop ToR of national coordinators for zoonoses 2) Identify responsible persons 3) Both MoH and FVA to prepare joint nomination letter and nominate coordinators
1.2 Establish multisectoral working (sub)group for joint surveillance and risk assessment (refer/align to/with activity 4.1)	April 2020	+	+++	National coordinators, MoH, FVA	1) Develop ToR for the (sub)WG 2) Define the experts and nominate members of the (sub)WG 3) Define objectives, deliverables, budget 4) Define frequency and modality of the WG meetings
Objective 2: Enhance capacity for implementation of joint surveillance and risk assessment					
2.1 Conduct laboratory inventory in both sectors (technical, human resources, methodologies, equipment)	May 2020	+++	++	National coordinators	1) Develop standardized form (check list) 2) Map existing laboratories (private and public) in both sectors 3) Collect information on human resources, implemented methodologies, available equipment, etc.
2.2 Conduct joint analysis of surveillance data	31 December 2021	++	+++	National coordinators, Multisectoral WG for joint surveillance and risk assessment, technical focal points for specific diseases (3.3), epidemiologists from IPH and FVA	1) Focal points for each zoonotic disease (activity 3.3) will be responsible for surveillance data collection and analysis 2) IPH and FVA continuously collect and analyze surveillance data 3) IPH and FVA will meet to conduct interpretation of data and provide recommendations
2.3 Define training needs on joint risk assessment and joint surveillance	September 2020	++	+++	National coordinators, Multisectoral WG for joint	- Develop questionnaire for training needs assessment

				surveillance and risk assessment	<ul style="list-style-type: none"> - Analyze the results - Map and use international guidelines / tools - Define the end users - Develop training plan
2.4 Conduct workshop to train national experts on the tool (methodology) on joint risk assessment (developed by WHO/OIE/FAO)	November 2020	++	+++	National coordinators, Multisectoral WG for joint surveillance and risk assessment, MoH, FVA	<ul style="list-style-type: none"> - Request WHO - Nominate participants - Conduct workshop and develop recommendations
2.5 Conduct joint risk assessment	December 2020	++	+++	National coordinators, Focal Points of Multisectoral WG for joint surveillance and risk assessment	<ul style="list-style-type: none"> - Align with activity 2.2 to inform data for joint risk assessment - Organize joint risk assessment workshop for each priority zoonosis
Objective 3: Improve and harmonize exchange of information between human and animal health sectors					
3.1 Develop strategy for joint surveillance	September 2020	++	++	Multisectoral WG for joint surveillance and risk assessment, MoH, FVA	<ul style="list-style-type: none"> - Develop common frame for joint surveillance activities related to zoonoses based on the list of priority diseases - Adopt by MoH and FVA
3.2 Develop protocols and SOPs for data exchange between two sectors	March 2020	+++	+++	Multisectoral WG for joint surveillance and risk assessment	<ul style="list-style-type: none"> - Define types and format of data to be shared - Define the mode of data exchange - Define the specific diseases for data exchange
3.3 Designate technical focal points for data exchange for specific diseases in both sectors	March 2020	+	+	Multisectoral WG for joint surveillance and risk assessment	<ul style="list-style-type: none"> - Nominate focal points for all specific diseases based on the list of priority zoonoses responsible for data exchange - Develop and approve ToRs by both sectors - Train focal points on data exchange
3.4 Develop operational IT system for sharing of information (surveillance data and One Health activities) between sectors at all levels	2021	+++	+++	Department of e-Health of MoH, FVA	<ul style="list-style-type: none"> - Develop the architecture of information sharing IT system - Develop required databases - Align with Activity 3.2 - Test software - Legitimize and implement - Train relevant specialists

RESPONSE, FIELD INVESTIGATION, COORDINATION

Objective 4: Improve coordination between human and veterinary sectors for joint response to zoonotic and food-borne emergencies

4.1 Establish joint working group for One Health coordination at the national level	January 2020	+	++	FVA, MoH, Institute of Public Health (IPH)	<ul style="list-style-type: none"> 1) Develop ToR for the WG 2) Nominate experts 4) Subdivide in working subgroups according to the priority zoonoses and /or technical areas 5) Legitimize the joint working group 6) WG to develop working plan 7) WG to agree on frequency and modality of meetings / joint work
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Objective 5: Strengthen regulatory framework to enhance response efficiency

5.1 Enable operational joint rapid response teams (RRTs)	June 2021	++	+++	Working group (4.1), MoH (Public Health Department), FVA (Animal Health Department)	<ul style="list-style-type: none"> - Map all existing contingency/control plans and operational manuals from all sectors for each priority zoonosis - Make revision of existing legislative framework - Develop or update existing contingency/control plans / operational procedures to enable operationability of the joint RRTs (ToR for RRTs, SOPs)
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Objective 6: Improve capacities for joint response

6.1 Create joint rapid response teams (RRTs) at the national and local levels	2021	++	+++	MoH (Public Health Department), FVA (Animal Health Department)	<ul style="list-style-type: none"> - Both sectors to nominate specialists who will work within RRTs at the national and local levels - Conduct gap analysis of the logistics needs of the joint RRTs - Joint RRTs to meet regularly
6.2 Create inventory of equipment and supplies for RRTs and field investigation teams	2020	++	++	MoH, FVA, Crisis Management Center	<ul style="list-style-type: none"> - Conduct inventory of existing stocks of equipment and supplies in both sectors - Create joint database
6.3 Conduct regular joint trainings (Functional Simulation Exercises) for RRTs on specific SOPs and use of equipment	2021	++	+++	Working group (4.1), MoH (Public Health Department), FVA (Animal Health Department)	<ul style="list-style-type: none"> - Identify relevant experts-trainers - Create a training team - Develop training methodology - Develop training program - Nominate participants

					<ul style="list-style-type: none"> - Estimate training budget - Conduct trainings
6.4 Conduct regular joint simulation exercises to test Outbreak Response Plan	2021	+++	+++	FVA, MoH, IPH, Centers for Public Health (regional level)	<ul style="list-style-type: none"> - Create SimEx team - Develop concept notes including purpose, objectives, scope - Develop SimEx scenarios respecting the priority zoonosis list - Estimate budgets - Nominate participants - Identify stakeholders - Conduct the exercises - Evaluate the results and identify gaps - Prepare recommendations to make the system more effective
HUMAN RESOURCES, EDUCATION AND TRAINING, COMMUNICATION					
Objective 7: Define and ensure human resources to implement One Health approach					
7.1 Conduct a needs assessment analysis for HR resources in both sectors	March 2020	+	+++	HR Departments of MoH and FVA	<ol style="list-style-type: none"> 1) Create joint commission of 5-7 people 2) Develop ToR for the commission 3) Conduct functional analysis 4) Develop Strategic Plan for 3 years 5) Update the regular annual plan 6) Conduct job classification
7.2 Develop HR plan for next 5 years	August 2020	+++	+++	Ministry of Finance, Ministry of Administration and Informatic Society	<ol style="list-style-type: none"> 1) Align HR plans between two sectors 2) HR plan will allow new positions: <ol style="list-style-type: none"> a. Risk analysis experts b. Epidemiologists on central level c. Epidemiologists on local level d. Finance (budgeting) specialists 3) Approve the plan by joint decree
Objective 8: Develop and maintain adequate skills and competencies in both sectors to implement "One Health" approach					
8.1 Include epidemiology course module into post-graduate (continuous) education for veterinary and medical doctors	September 2020	++	+++	Veterinary Faculty, Medical Faculty	<ol style="list-style-type: none"> 1) Establish a joint commission which include professors from Medical and Veterinary Faculties 2) Develop or adapt the epidemiology course 3) Define professors who will lead the course 4) Create on-line course on epidemiology

8.2 Develop One Health module for undergraduate students (specialization) of veterinary and medical specialties	September 2022	++	+++	Ministry of Education and Science, MoH	1) Develop / adapt joint One Health module 2) Include joint One Health module into curricula of Veterinary and Medical Faculties
Objective 9: Ensure effective communication between human and animal health sectors and media					
9.1 Develop joint communication strategy with media and between two sectors	March 2020	+	+++	MoH, FVA	1) Establish a joint working group 2) Develop ToR for the group 3) Nominate 3 experts from each sector to work in the group 4) Develop joint communication strategy with media
9.2 Conduct joint training for communication staff to develop new competencies for strategic communications, press relations and interviews	September 2020	++	++	MoH, FVA, Association of Journalists, Institute of Journalists	1) Develop concept of the training 2) Develop the training (program, materials, etc.) 3) Nominate trainers 4) Identify trainees 5) Conduct as many trainings as needed

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

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