

INDONESIA: IHR-PVS NATIONAL BRIDGING WORKSHOP – AUGUST 2017

OUTPUT1: ROAD-MAP OF JOINT ACTIVITIES TO IMPROVE COLLABORATION BETWEEN ANIMAL HEALTH AND HUMAN HEALTH SECTORS

Action	Timeline	Difficulty (1-3 scale)	Impact (1-3 scale)	Responsibility	Indicators
COORDINATION					
Objective 1: Develop legal basis for intersectoral and central/local government coordination for the management of zoonosis					
1.1. Formalize legal regulation for guidelines to coordinate the management of zoonosis outbreaks with disaster status	3-6 months	++	+++	HDC, BNPB, Kemendagri, Kemenkes, Kementan, K LHK, etc.	-Regulation formalized -Guidelines developed
1.2. Conduct a training of trainers and deliver trainings to apply guidelines to coordinate management of zoonosis outbreaks	12 months	+++	+++	MoA, MoH, KLHK, Home Affair, BNPB. Focal point: Coordinating MHDCA	-Number of provinces that participate in training of trainers -Number of districts/cities that carry out trainings
1.3. Apply guidelines, monitor and evaluate implementation of regulation and guidelines to identify gaps and corrective actions	12 months and cont.	+++	+++	MoA, MoH, KLHK, MHA Focal point: Coordinating MHDCA	-Guidelines are implemented -Management of outbreaks is coordinated and effective
HUMAN RESOURCES & EDUCATION					
Objective 2: Develop and conduct joint training on laboratory and epidemiology for human and animal health					
2.1. Organize a cross sectoral decision-maker meeting to discuss joint training on laboratory and epidemiology for human and animal health	3-6 months	+	+++	Coordinating MHDCA	-Number of participants -Meeting outputs (recommendations, timeline)
2.2. Conduct a workshop to develop joint training modules on laboratory and epidemiology for human and animal health	12 months	+	+++	Coordinating MHDCA, MoH, MoA, MoEF	-Training modules developed
2.3. Deliver joint trainings on laboratory and epidemiology for human and animal health	12 months and cont.	+	+++	Coordinating MHDCA, MoH, MoA, MoEF	-Number of trainings conducted -Number of participants trained
Objective 3: One Health curriculum in faculty of Medicine and Veterinary Medicine					
3.1. Organize a decision maker meeting to discuss implementation of One Health curriculum in medical and veterinary school	3-6 months	++	+++	Coordinating MHDCA	-Meeting outputs (recommendations, timeline)
3.2. Conduct a workshop to prepare workplan to develop One Health curriculum	12-24 months	+++	+++	Coordinating MHDCA, MoH, MoA, MoEF, MoRTHE	-Developed work plan

RISK ASSESSMENT & SURVEILLANCE

Objective 4: Coordination and collaboration to identify priority zoonotic disease in Indonesia

4.1. Conduct a coordination meeting between MoH, MoA and PMK	12 months	++	+++	MoH (organizer)	-Number of participants -Meeting outputs
4.2. Organize a focal group discussion (FGD) with 100 participants from relevant institutions (KLHK, Menko PMK, BNPB)	12 months	+++	+++	MoA (organizer)	-Number of participants -FGD outputs & recommendations

Objective 5: Develop information system for zoonosis and implement systematic sharing of surveillance data

5.1. Harmonize information systems among MoA, MoH and KLKH	12 months	+++	+++	Coordinating MHDCA	-Integrated information system is established and running
5.2. Develop joint SOPs for data sharing	12 months	++	+++	Coordinating MHDCA	-SOPs for data sharing are developed
5.3. Deliver trainings for the use of System Information (SIZE), data management and data analysis	12 months	++	+++	Organizer: Coordinating MHDCA Participants : MoA, MoH, KLHK	-Number of training conducted -Number of staff trained

Objective 6: Improve laboratory capacity for diagnosis of zoonotic diseases

6.1. Conduct a joint training to improve (i) skills of human resources, (ii) laboratory facilities, (iii) standardized laboratory methods, for 80 persons	12 months	++	+++	MoH, MoA	-Number of participants trained
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RESPONSE

Objective 7: Improve coordination for zoonotic disease emergency response

7.1. Develop guidelines for response to zoonosis emergencies	3-6 months	+	+++	DG-LAH, DG-PDC	-Guidelines developed
7.2. Test and evaluate implementation of guidelines for zoonosis control in 3 pilot locations	12 months	++	+++	DG-LAH, DG-PDC	-Report of pilot testing -Corrective measures identified
7.3. Conduct a leadership training on response to zoonosis outbreaks for 1 veterinarian and 1 medical doctor for each province (68 total)	12 months	+	+++	DG-LAH, DG-PDC	-Number of participants trained

Objective 8: Ensure availability of emergency funds and infrastructure for zoonotic disease prevention and control

8.1. Develop regulations that bind central and local government to have emergency funds for zoonosis outbreaks	12 months	++	+++	DG-LAH, DG-PDC	Regulation for emergency funding for zoonosis outbreaks is in place
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Objective 9: Improve capacity for outbreak containment at the source

9.1. Deliver a training for joint field investigation and response to zoonosis outbreaks (biosecurity, depopulation, investigation, case management...)	12 months	+	+++	DG-LAH, DG-PDC	-Number of participants trained
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COMMUNICATION

Objective 10: Develop integrated national communication system and mechanism

10.1. Conduct a workshop to develop integrated national communication system and mechanism and develop a memorandum of understanding among related Ministries (3 days)	3-6 months	+	+++	Coordinating MHDCA, Kemenkes P2P, Kementan, KLHK, BNPB, Kemdagri, Kemkominfo	-Workshop report -Memorandum of Understanding
10.2. Develop guidelines for integrated national communication system and mechanism	3-6 months	++	+++	Coordinating MHDCA, Kemenkes P2P, Kementan, KLHK, BNPB, Kemdagri, Kemkominfo	-Draft of guidelines produced -Finalized guidelines
10.3. Test and evaluate implementation in 3 pilot locations (Bengkalis, Boyolali and Ketapang)	12 months	+++	+++	Coordinating MHDCA, Kemenkes P2P, Kementan, KLHK, BNPB, Kemdagri, Kemkominfo	-Activity report

Objective 11: Build commitment and participation of stakeholders

11.1. Conduct an advocacy workshop to build commitment and participation of stakeholders (2 days)	3-6 months	++	+++	Coordinating MHDCA, Kemenkes P2P, Kementan, KLHK, BNPB, Kemdagri, Kemkominfo, Bangkalis, Ketapang	-Workshop report -Number of participants
11.2. Conduct routine meetings every 3 months for national communication between stakeholders	12 months and continued	++	+++	Coordinating MHDCA, Kemenkes P2P, Kementan, KLHK, BNPB, Kemdagri, Kemkominfo, Bangkalis, Ketapang	-Meeting reports -Number of participants in each meeting -Press/media releases

Objective 12: Build human resource capacity in national communication

12.1. Conduct a national training (training of trainers) on integrated national communication system and mechanism (4 days)	12 months	++	+++	Coordinating MHDCA, Kemenkes P2P, Kementan, KLHK, BNPB, Kemdagri, Kemkominfo	-Final report -Number of trained participants
12.2. Deliver trainings for local governments on communication system and mechanism (3 days) for four sectors (health, animal health, wild life and information)	12 months	+++	+++	Coordinating MHDCA, Kemenkes P2P, Kementan, KLHK, BNPB, Kemdagri, Kemkominfo	-Number of trainings conducted -Number of participants trained

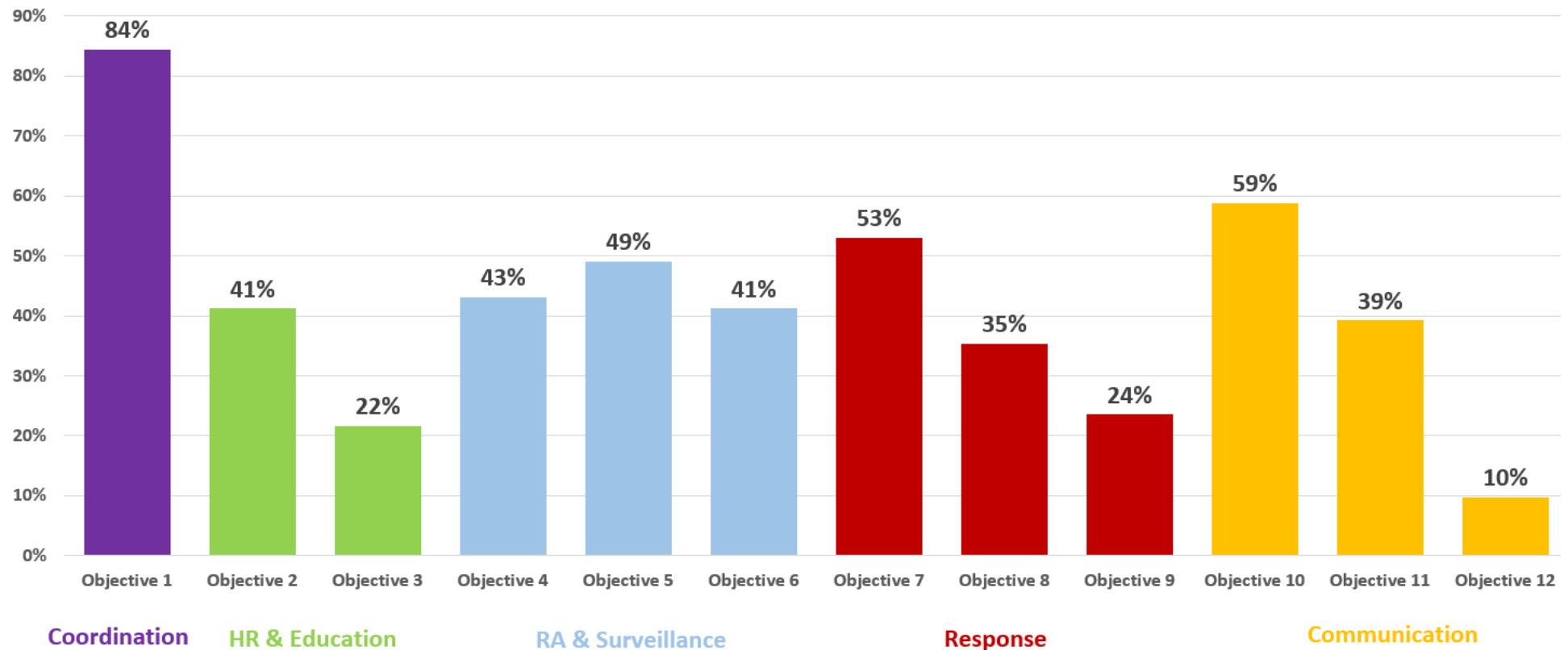
Difficulty of implementation: Low +, Moderate ++, Very difficult +++

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

Abbreviations: *KLHK: Ministry of Environment and Forestry / Kemenkes P2P: DG Diseases Control and Prevention MoH / Kemdagri: Ministry of internal affair / Kementan: Ministry of Agriculture / BNPB: National Disaster Agency / HDC or MHDCA: Human Development and Culture / Kemkominfo: Ministry of Communication and information / MoEF: Ministry of Finance / Bengkalis and Ketapang: District for one health pilot implementation / DG-LAH: Director General Livestock and Animal Health.*

OUTPUT 2: PRIORITIZATION RESULTS

All participants were asked to vote individually via a mobile application and to select which five of the 12 objectives they considered as of highest priority. 51 participants participated in the vote. 84% of them considered Objective 1 (Coordination) as a top priority. Other high priority objectives were Objective 10 (Communication - 59%), Objective 7 (Response - 53%) and Objective 5 (RA & Surveillance - 49%).



OUTPUT 3: ONE HEALTH ROAD-MAP

	6 months	12 monthsand continued >>>	Priority rank
Coordination	Formalize legal regulation for guidelines to coordinate the management of zoonosis outbreaks with disaster status			1
		Training of trainers and trainings to apply guidelines for the management of zoonosis outbreaks		1
		Apply guidelines, monitor and evaluate implementation of regulation and guidelines to identify gaps and corrective actions		1
Human Resources & Education	Cross sectoral decision-maker meeting to discuss joint training on laboratory and epidemiology for human and animal health			6
		Workshop to develop training modules on laboratory and epidemiology for human and animal health		6
		Deliver joint trainings on laboratory and epidemiology for human and animal health		6
	Decision maker meeting to discuss implementation of One Health curriculum in medical and veterinary school			11
		Workshop to prepare workplan to develop One Health curriculum		11
Risk Assessment & Surveillance		Coordination meeting between MoH, MoA and PMK		5
		Focal group discussion with 100 participants from relevant institutions (KLHK, Menko PMK, BNPB)		5
		Harmonize information systems among MoA, MoH and KLKH		4
		Develop joint SOPs for data sharing		4
		Deliver trainings for the use of System Information (SIZE), data management and data analysis		4
		Conduct a joint training to improve (i) skills of human resources, (ii) laboratory facilities, (iii) standardized laboratory methods, for 80 persons		6

	6 months	12 monthsand continued >>>	Priority rank
Response	Develop guidelines for response to zoonosis emergencies			3
	Test and evaluate implementation of guidelines for zoonosis			3
	Conduct a leadership training on response to zoonosis outbreaks			3
	Develop regulations that bind central and local government to have emergency funds for zoonosis outbreaks			9
	Deliver a training for joint field investigation and response to zoonosis outbreaks (biosecurity, depopulation, investigation, case management...)			10
	Communication	Conduct a workshop to develop integrated national communication system and mechanism and a MoU among related Ministries		
Develop guidelines for integrated national communication system and mechanism				2
		Test and evaluate implementation in 3 pilot locations (Bengkalis, Boyolali and Ketapang)		2
Conduct an advocacy workshop to build commitment and participation of stakeholders				8
		Conduct routine meetings every 3 months for national communication between stakeholders		8
Conduct a national training (training of trainers) on integrated national communication system and mechanism			12	
Deliver trainings for local governments on communication system and mechanism for four sectors (health, animal health, wild life and information)			12	