COORDINATION OF ACTION PACKAGES AT NATIONAL AND GLOBAL LEVEL: A SYSTEMIC NETWORK MODEL

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BACKGROUND

- The building block of GHS is a <u>collaboration of multiple national health</u> security entities
- The building block of national health security system is consisting of <u>11</u>
 <u>Action Packages of GHSA</u>
- The natures of the 11 Action Packages are (1) a collection of activities,
 (2) not to create new organizations (only a kind of shadow organizations),
 (3) cannot work in silo, has to work in a systemic manner
- Therefore, to create health security at national and global level, it
 needs the coordination of all components in the 11 Action Packages
 to form a systemic entity, named as <u>A SYSTEMIC NETWORK MODEL</u>

OBJECTIVE

 To operationalize the concept of systemic network model <u>at national level</u> (national health security system) as well as <u>at global</u> <u>level</u> (global health security system)

COMPONENTS OF THE SYSTEM

- The 11 Action Packages as vertical components (objects to be integrated)
- Coordination at national level
 - Organizational levels as horizontal components (tools for integration)
 - <u>Management sequence</u> as horizontal components (tools for integration)
 - Response to stimulus of health hazards (tools for integration)
- Coordination at global level (Collaboration of Action Packages across participant countries)

CONCEPTUAL FRAMEWORK OF ACTION PACKAGE COORDINATION

Synergism at national level

Synergy between national and sub-national government

Synergy in the sequence of management functions

Coordination of Action
Packages

Synergy in responding to stimulus of health hazards

Collboration at global level

INTEGRATION OF ACTION PACKAGES BY LEVELS OF GOVERNMENT

Table-1

The levels of government are expected to integrate the 11 Action Packages into a systemic entity, integrating multisectors and multi-institutions (an illustration of Indonesian case)

		To prevent					To d	etect	To respond			
Level of government	Instruments	AP1:AMR	AP2:ZD	AP3: BB	AP4: Imm	AP5: NLS	AP6:Surveillance	AP7: Report	AP8: WD	AP9: EOC	AP10: PHL-MRR	AP11: MCM &PD
Central Government	Presidential Decree of GHSMinisterial Decree of GHS											
Provincial Government	Governor as Coordinator of AP at Provincial Level											
District Government	Regent / Mayor as Coordinator of AP at District Level											
Sub-District Level	Head of Sub-District as Coordinator of One Health											
Village Level	Head of Village as Coordinator of One Health											

INDICATORS INTEGRATION AT LEVELS OF GOVERNMENT

- From JEE tool

 the indicators that is in line with the framework of coordination by governmental level is under "National Legislation, Policy and Financing (P1)".
- The technical indicators of P.1 are eligible to be used at national and sub-national level.

Number	Indicators	Governmental Level						
Nomber	maicaiois	National	Sub-National					
P.1.1	Legislation, laws, regulations, administrative requirements, policies and other government instruments in place are sufficient for implementation	$\sqrt{}$	\checkmark					
P.1.2	The state can demonstrate that it has adjusted and aligned its domestic legislation, policies and administrative arrangement to enable compliance with the IHR (2005)	$\sqrt{}$	$\sqrt{}$					

- The results of coordination by governmental level \rightarrow (1) national legislation vs sub-national legislation, (2) national vs sub-national regulation, (3) organization structure of national vs that of sub-national, (4) national vs sub-national policies, (5) national vs sub-national financing, etc.
- The results → the documents of the process of coordination between national and sub-national level of government.

INTEGRATION OF ACTION PACKAGES BY SEQUENCE OF MANAGEMENT FUNCTIONS

Table-2

These sequence of management functions would integrate the 11 Action Packages as a systemic entity, by taking into consideration of the other Action Packages

			To pr	event			To d	etect		To respond			
Management Functions	Instruments	AP1: AMR	AP2: ZD	AP3: BB	AP4: Imm	AP5: NLS	AP6: Surveillance	AP7: Reporting	AP8: WD	AP9: EOC	AP10: PHL & MRR	AP11: MC & PD	
Planning	 Roadmap of Action Package List of AP programs/ activities 												
Implementation	Integration of AP programs implementation												
Monitoring and Evaluation	Integration of AP programs monitoring and evaluation												

INDICATORS OF COORDINATION BY SEQUENCE OF MANAGEMENT FUNCTIONS

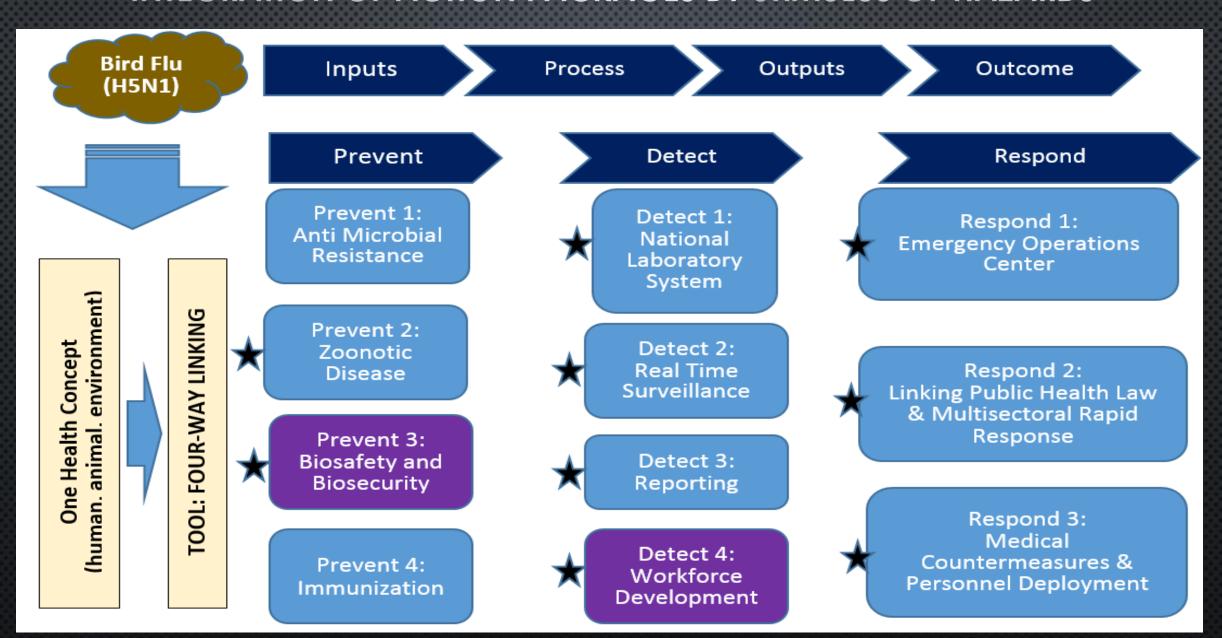
- From JEE tool

 indicators that is in line with the concept of coordination by sequence of
 management functions is under: "IHR Coordination, Communication and Advocacy (P2)".
- The indicators of P2 is eligible to be used within the perspective of the sequence of management functions.

	Indicators	The sequence of management functions									
Number		Planning	Implementation	Monitoring and Evaluation							
P.2.1	A functional mechanism is established for the coordination and integration of relevant sectors in the implementation of IHR	$\sqrt{}$		$\sqrt{}$							

- The results of coordination \rightarrow the level of synergism (1) the planning, (2) the implementation, as well as (3) the monitoring and evaluation across Action Packages
- The results \rightarrow obtained from the documents of planning, the implementation, and the monitoring/ evaluation regarding the quality of coordination / communication through meeting, workshop, etc.

INTEGRATION OF ACTION PACKAGES BY STIMULUS OF HAZARDS



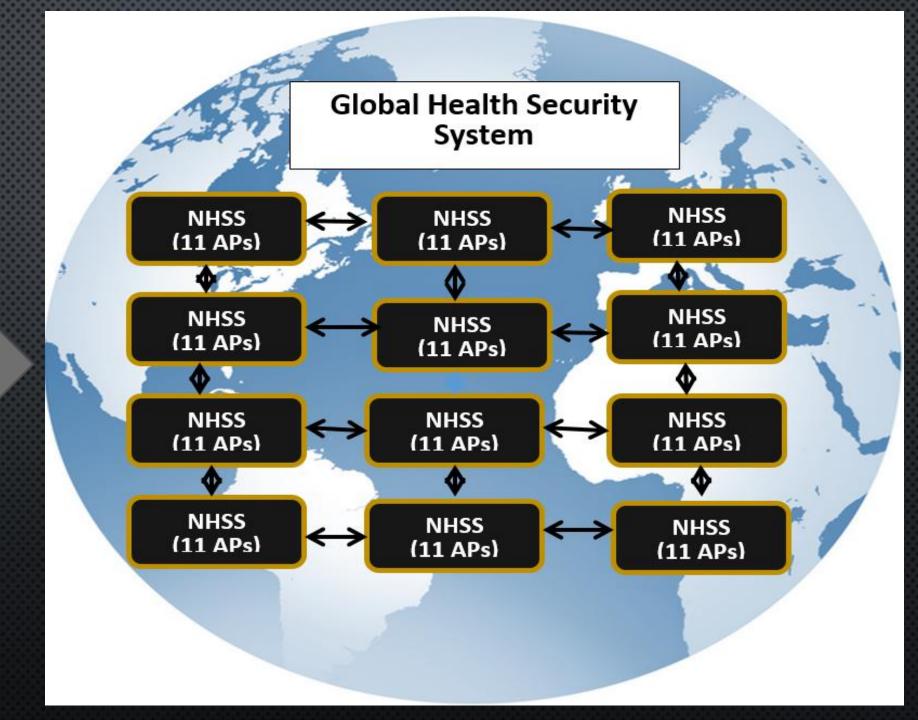
COORDINATION OF ACTION PACKAGES BY STIMULUS OF HAZARDS

- From JEE tools → the indicators that is in line with the coordination of response to stimulus is under: "Emergency Response Operations (R.2)".
- The indicators of R2 is eligible to be used within the perspective of the coordination (synergy) on the mechanism to respond to a stimulus of PHEIC.

Number	Indicators	Relevant stimulus								
Number	indicators	PHEIC-1	PHEIC-2	PHEIC-3						
R.2.4	Case management procedures are implemented for IHR relevant hazards (guidelines, synergy across Action Packages and multi-sectors)		$\sqrt{}$	$\sqrt{}$						

- The results of coordination (synergy) within the perspective of the response to the stimulus is the availability of guidelines (standard operating procedures) on how to handle the relevant hazards (for example: H5N1, MERSCoV, etc)
- The synergy of the response across Action Package and multi-sectors as the PHEIC hazards is happening.

Building a strong GHS system through networking of multi national health security systems



ACTION PACKAGES COORDINATION ACROSS PARTICIPANT COUNTRIES

Table-3
Coordination of GHSA Action Packages at GHS level (global level)

	Griefiniani i dendigos de erro lever (greedin lever)		To pr	event			To d	etect		To respond		
Management Functions	Management Instruments	AP1: AMR	AP2: ZD	AP3: BB	AP4: Imm	AP5: NLS	AP6: Surveillance	AP7: Reporting	AP8: WD	AP9: EOC	AP10: PHL & MRR	AP11: MC & PD
Leadership (leading countries)	 Determination of leading countries Determination of chair of the leading countries Determination of participant countries Leading the iniatives and commitments 											
Planning (participant countries)	Setting agreed collaborative activities Identify resources needed (funding, human resources, etc)											
Implementation (participant countries)	 Coordination and mobilization resources (funding, human resources, training capacities, laboratories, etc) Communication via the available methods (e-mail, video conference, etc) AP meeting for consolidation, monitoring and evaluation 											
Sharing information (participant countries)	 Leading countries take a lead of sharing information through Strategic Portal Partnership (SPP) To make use of IHR focal point 											
Monitoring and Evaluation (participant countries)	 Collaborative evaluation based the agreed collaborative activities To make use JEE tool (collaborative evaluation) To make use of PVS tool (collaborative evaluation) 											

INDICATORS OF COLLABORATION OF ACTION PACKAGES ACROSS PARTICIPANT COUNTRIES

- The existence of leading countries and participant countries for Action Package collaboration
- The existence of collaborative activities amongst participant countries for each Action Package
- The share of resources (expertise, facilities, funding) to execute collaborative activities
- Communication and coordination amongst participant countries using relevant methods (meeting, video conference, email, etc.)
- Make use of Strategic Portal Partnership (SPP) for sharing information
- Use of JEE and PVS tool for evaluation of Action Packages and Performance of Veterinary Services

CONCLUSION

- To establish a strong Global Health Security, the 11 Action Packages at national level (national health security), as well as, at global level, (GHS) <u>should be integrated as a systemic entity</u>, named as Systemic Network Model
- At National level > The integration of the 11 Action Packages is managed through (1) the accountability of governmental hierarchy, (2) the sequence of management functions, and (3) the way in responding to stimulus of hazards.
- At Global level → The integration of the 11 Action Packages across
 participant countries is managed through collaborative activities (coleading, co-planning, implementation, Sharing resources, sharing information, and co-evaluation)

Thank you