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prevent, detect, respond!

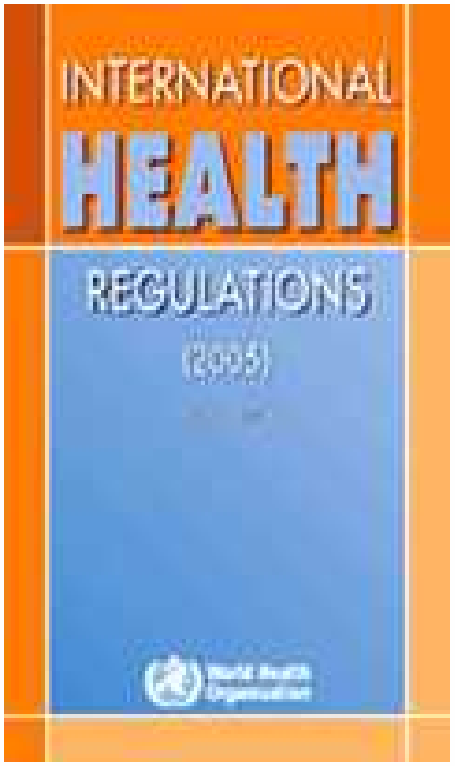
Disampaikan pada :

“Pertemuan Ilmiah Epidemiologi Nasional"

Solo, 8 September 2016

Latar Belakang GHSA

- Globalisasi dan kemajuan transportasi → *borderless*
- Tidak ada satu negarapun yang dapat menangani GHS sendiri
- Ekonomi negara dan global dipengaruhi kesehatan masyarakat



- **SARS** tahun 2003 : menghabiskan $30 Milyar dalam 4 bulan, menyerang 8098 orang, 774 meninggal
- **Pandemik H1N1** tahun 2009 : 284.000 meninggal pada tahun pertama
- **Anthrax** tahun 2011 : menghabiskan biaya lebih dari $1 Milyar , menyerang 22 orang, 5 meninggal
- **MERS-CoV** sejak September 2012, kasus telah dilaporkan di 26 negara, menyebabkan 600 kematian
- **Penyebaran virus Zika** sejak tahun 2015 hingga saat ini

WHO's International Health Regulations (2005)

Implementasi belum maksimal

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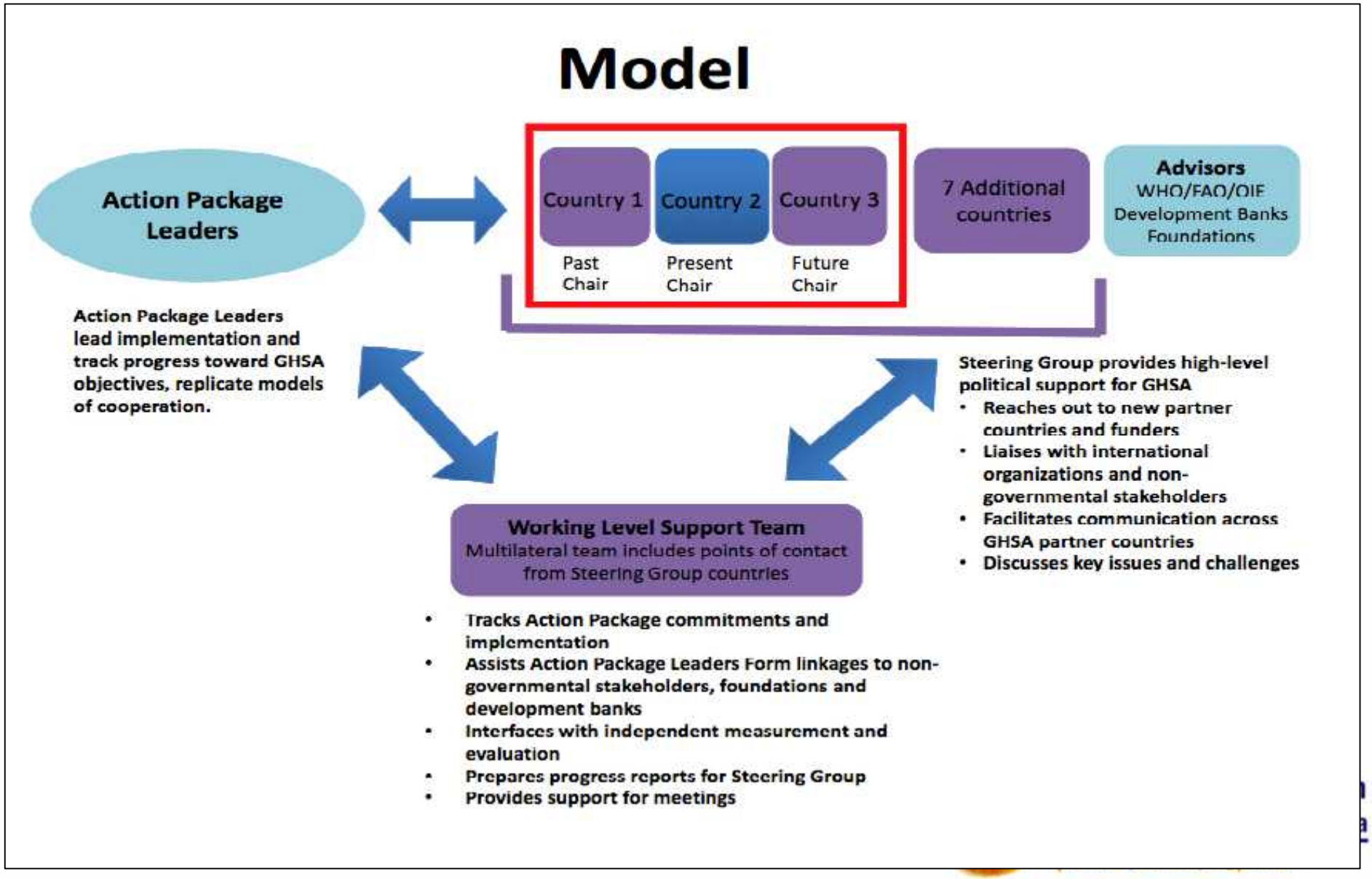
Mekanisme GHSA



Anggota Steering Group GHSA

- Canada
- Chile
- Finland
- India
- Indonesia
- Italy
- Kenya
- Kingdom of Saudi Arabia
- Republic of Korea
- The United States

2015

Finland

2016

Indonesia

2017

Republic of Korea

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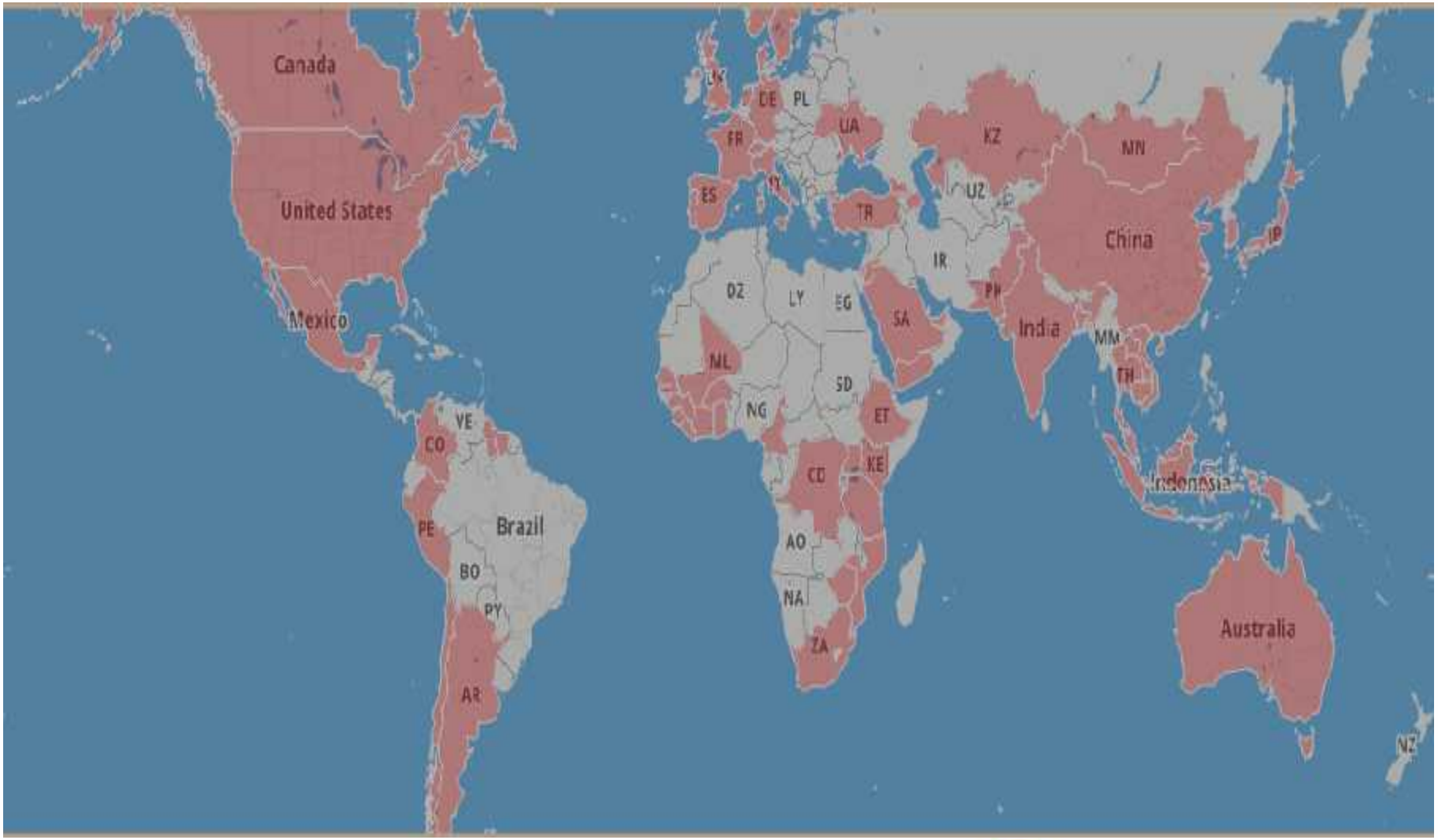
Negara Anggota GHSA (sampai 11 Agustus 2016)



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Action Package GHSA

Antimicrobial Resistance

National Laboratory Systems

Emergency Operations Centers

Zoonotic Diseases

Surveillance

Public Health and Law Enforcement

Biosafety/Biosecurity

Reporting

Medical Countermeasures

Immunization

Workforce Development

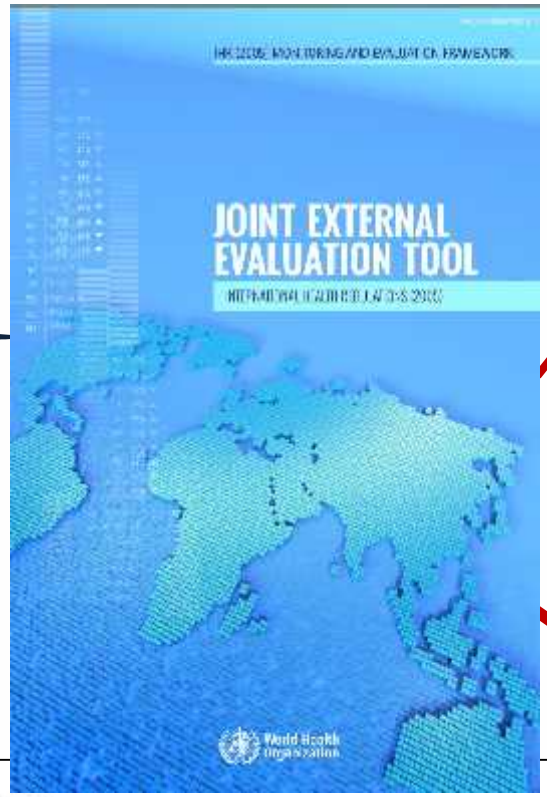
IHR – GHSA - JEE

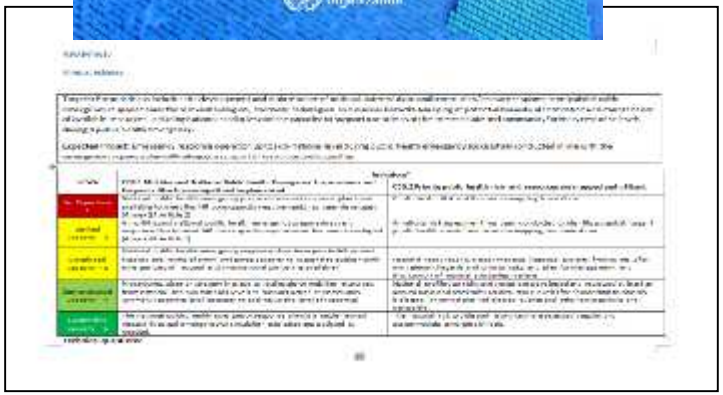
GHSA Experts (GHSA Pilots)

WHO Secretariat (IHR Experience)

Other expert inputs (e.g. OIE informal comments)

JEE Tool





IHR Monitoring & Evaluation Framework

- Self Assessment (Annual Reporting)
- After Action Review
- Exercises
- Joint External Evaluation (JEE)

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19 Technical Area JEE

Prevent	Detect	Respond	*Other IHR-related hazards and Points of Entry* (PoEs)
National Legislation, Policy and Financing	*National Laboratory System*	*Preparedness*	*Points of Entry* (PoE)
IHR Coordination, Communication and Advocacy	*Real Time Surveillance*	*Emergency Response Operations*	*Chemical Events*
Antimicrobial Resistance (AMR)	*Reporting*	*Linking Public Health and Security Authorities*	*Radiation Emergencies*
Zoonotic Disease	*Workforce Development*	*Medical Countermeasures and Personnel Deployment*	
Food Safety		*Risk Communication*	
Biosafety and Biosecurity			
Immunization			

*IHR Core Competencies
*GHSA Action Package

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Workforce Development

- **Target:**

  State parties should have skilled and competent health personnel for sustainable and functional public health surveillance and response at all levels of the health system and the effective implementation of the IHR (2005). A workforce includes physicians, animal health or veterinarians, biostatisticians, laboratory scientists, farming/livestock professionals, with an optimal target of one trained field epidemiologist (or equivalent) per 200,000 population, who can systematically cooperate to meet relevant IHR and PVS core competencies.

- **Desired Impact:**

  Prevention, detection, and response activities conducted effectively and sustainably by a fully competent, coordinated, evaluated and occupationally diverse multi-sectoral workforce.

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Score	Indicators - Workforce Development		
	D.4.1 Human resources are available to implement IHR core capacity requirements	D.4.2 Applied epidemiology training program in place such as FETP	D.4.3 Workforce strategy
No Capacity - 1	Country doesn't have multidisciplinary HR capacity required for implementation of IHR core capacities	No FETP or applied epidemiology training program established	No health workforce strategy exists
Limited Capacity - 2	Country has multidisciplinary HR capacity (epidemiologists, veterinarians, clinicians and laboratory specialists or technicians) at national level	No FETP or applied epidemiology training program is established within the country, but staff participate in a program hosted in another country through an existing agreement (at Basic, Intermediate and/or Advanced level)	A healthcare workforce strategy exists but does not include public health professions (e.g. epidemiologists, veterinarians and laboratory technicians)
Developed Capacity - 3	Multidisciplinary HR capacity is available at national and intermediate level	One level of FETP (Basic, Intermediate, or Advanced) FETP or comparable applied epidemiology training program in place in the country or in another country through an existing agreement	A public health workforce strategy exists, but is not regularly reviewed, updated, or implemented consistently
Demonstrated Capacity - 4	Multidisciplinary HR capacity is available as required at relevant levels of public health system (e.g. epidemiologist at national level and intermediate level and assistance epidemiologist (or short course trained epidemiologist) at local level available)	Two levels of FETP (Basic, Intermediate and/or Advanced) or comparable applied epidemiology training program(s) in place in the country or in another country through an existing agreement	A public health workforce strategy has been drafted and implemented consistently; strategy is reviewed, tracked and reported on annually
Sustainable Capacity - 5	Country has capacity to send and receive multidisciplinary personnel within country (shifting resources) and internationally	Three levels of FETP (Basic, Intermediate and Advanced) or comparable applied epidemiology training program(s) in place in the country or in another country through an existing agreement, with sustainable national funding	"Demonstrated Capacity" has been achieved, public health workforce retention is tracked and plans are in place to provide continuous education, retain and promote qualified workforce within the national system

Stuktur Pokja Kemkes
Ketahanan Kesehatan Global

Pengarah
Menteri Kesehatan

Ketua Umum
Sekretaris Jenderal

Wakil Ketua
Dirjen Kefarmasian dan Alkes

Sekretariat
Ketua : Kepala Biro KSLN
Wakil : Kepala Rorengar

Tim Ahli
Koordinator : Kepala Balitbangkes

1. Prof. Akmal Taher
2. Prof. Amin Soebandrio
3. Dra. Artauli Tobing
4. Prof. Budi Sampoerna
5. Diah Satyani Saminarsih
6. Prof. Herkutanto
7. dr. I Nyoman Kandun
8. dr. I Nyoman Kumara Rai
9. dr. Indriyono Tantoro

Komite *Action Package*
Ketua : Dirjen P2P
Wakil : Dirjen Yankes
Sekretaris : Sesditjen P2P

Prevent
Ketua: SAM Teknologi Kesehatan & Globalisasi

National Legislation, Policy and Financing
Koordinator: Kepala PADK
Sekretaris: Kabag Perundang-Undangan II, Biro Hukor

IHR Coordination, Communication and Advocacy
Koordinator: Direktur SKK
Sekretaris: Kabag Opini Publik, Produksi Komunikasi & Peliputan, Biro KomYanMas

Anti Microbial Resistance
Koordinator: Direktur Pelayanan Kefarmasian
Sekretaris: Direktur Yankes Rujukan, Ditjen Yankes

Zoonotic Diseases
Koordinator: Direktur P2PTVZ
Sekretaris: Kepala B2P2VRP, Balitbangkes

Food Safety
Koordinator: Direktur Kesehatan Lingkungan
Sekretaris: Kabid Teknologi Dasar Kesehatan, Pusat Litbang BTDK

Biosafety and Biosecurity
Koordinator: Kepala Pusat Litbang BTDK, Balitbangkes
Sekretaris: Kasubdit RS Pendidikan, Dit. Yankes Rujukan

Immunization
Koordinator: Direktur Surveilans & Karantina Keehatan
Sekretaris: Kasubdit Imunisasi, Dit. SKK

Detect
Ketua: SAM Desentralisasi Kesehatan

National Laboratory System
Koordinator: Direktur Fasilitas Pelayanan Kesehatan
Sekretaris: Kasubdit Fasyankes Lainnya

Real-Time Surveillance
Koordinator: Direktur P2PML
Sekretaris: Kasubdit Surveilans, Dit. SKK

Reporting
Koordinator: Kepala Pusdatin
Sekretaris: Kasubdit Karkes, Dit. SKK

Workforce Development
Koordinator: Kepala Pusat Pelatihan SDMK
Sekretaris: Kabid Pencegahan, Mitigasi & Kesiapsiagaan, PKK

Respond
Ketua: SAM Hukum Kesehatan

Preparedness
Koordinator: Direktur SKK
Sekretaris: Kasubdit ISPA, Dit. P2PML

Emergency Response Operations
Koordinator: Kepala Pusat Krisis Kesehatan
Sekretaris: Kasubdit Pelayanan Gawat Darurat Terpadu, Dit. Yankes Rujukan

Linking Public Health and Security Authorities
Koordinator: Kepala Biro Hukum & Organisasi
Sekretaris: Kabag Hub Media & Lembaga, Biro Komunikasi

Medical Countermeasures and Personnel Deployment
Koordinator: Direktur Pelayanan Kesehatan Rujukan
Sekretaris: Kasubbid Evaluasi, PKK

Risk Communication
Koordinator: Kepala Biro Komunikasi & Yan Mas
Sekretaris: Kabid Evaluasi & Informasi, PKK

Other IHR-related hazards and Points of Entry (PoEs)
Ketua: SAM Ekonomi Kesehatan

***Points of Entry* (PoE)**
Koordinator: Direktur SKK
Sekretaris: Kabid PKSE, KKP Soetta

Chemical Events
Koordinator: Direktur Kesehatan Lingkungan
Sekretaris: Kasubdit Lingkungan Kerja, Dit. KesJaOr

Radiation Emergencies
Koordinator: Direktur Kesehatan Kerja dan Olahraga
Sekretaris: Kasubdit Pengamanan Limbah & Radiasi, Dit. Kes Ling

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Draft Stuktur Pokja Nasional Ketahanan Kesehatan Global

Pengarah
Menko PMK
Menko Polhukam

Ketua Umum: Menteri Kesehatan
Wakil Ketua : 1. Menteri Pertahanan; 2. Menteri Pertanian; 3. Menteri Luar Negeri
Sekretaris : Sekretaris Jenderal Kementerian Kesehatan
Anggota:

1. Menteri PPN
2. Menteri Ristek Dikti
3. Menteri LHK
4. Menteri Sesneg
5. Menteri Dalam Negeri
6. Menteri Keuangan
7. Menteri Hukum dan HAM
8. Menteri Pemuda & Olahraga
9. Menteri Kelautan & Perikanan
10. Menteri Perhubungan
11. Menteri Kom Info
12. Panglima TNI
13. Kepala POLRI
14. Kepala BIN
15. Kepala BNPB
16. Gubernur Lemhanas
17. Kepala LIPI
18. Kepala BNPT

Komite Rencana Aksi
Ketua : Dirjen P2P, Kemkes
Wakil : Dirjen PKH, Kemtan

Anti Microbial Resistance
Koordinator: Dirjen Farmalkes, Kemkes
Sekretaris: Dirjen PKH, Kemtan
Anggota: 1. Dirjen Pnguatan Riset & Pngmbangan, Ristekdikti; 2. Dirjen Kuathan, Kemhan; 3. Dirjen Perikanan Budidaya Kemen Kelautan&Perikanan; 4. Deputi IPH, LIPI

Zoonotic Diseases
Koord: Dep. Peningkatan Kesehatan, Kemenko PMK
Sekretaris: Dirjen PKH, Kemtan
Anggota:1. Dirjen P2P, Kemkes; 2. Dirjen Kuathan, Kemhan; 3. Dirjen Pnguatan Riset & Pngmbangan, Ristekdikti; 4. Dirjen KSDAE, Kemen LHK
5. Dirjen Bin Adm Wil, Kemdagri; 6. Deputi IPH, LIPI; . 7. Kepala BKP, Kemtan

Biosafety & Biosecurity
Koordinator: Deputi IPH, LIPI
Sekretaris: Dirjen Kuathan, Kemhan
Anggota: 1. Kabalitbang, Kemtan ; 2. KabaLitbangkes, Kemkes; 3. Dirjen KSDAE, Kemen LHK; 4. Dirjen Pnguatan Riset & Pngmbangan, Ristekdikt 5. Dirjen Multi, Kemlu; 6. Kepala BKP, Kemtan; 7. Deputi Intelijen LN, BIN 8. Kepala BAIS; 9. Deputi Pengkajian Strategik, Lemhanas

Immunization
Koordinator: Dirjen P2P, Kemkes
Sekretaris: Dirjen Pnguatan Riset & Pengembangan, Kemristekdikti
Anggota: 1. Dirjen Bina Pembangunan Daerah, Kemdagri ; 2. Dirjen Kathan, Kemhan

National Laboratory System
Koordinator: Dirjen Yankes, Kemkes
Sekretaris: Dirjen PKH, Kemtan
Anggota: 1. Kabalitbang, Kemhan; 2. Dirjen Pnguatan Riset & Pngmbangan, Ristekdikti

Real-Time Surveillance
Koordinator: Kabalitbangkes, Kemkes
Sekretaris: Dirjen PKH, Kemtan
Anggota: 1. Kabalitbang, Kemhan ; 2. Dirjen Pnguatan Riset & Pngmbangan, Ristekdikti; 3. Dirjen P2P, Kemkes; 4. Dirjen KSDAE, Kemen LHK; 5. Deputi IPH, LIPI

Reporting
Koordinator: Sesjen Kemkes
Sekretaris: Dirjen Pnguatan Riset & Pngmbangan, Ristekdikti
Anggota: 1. Dirjen Pothan, Kemhan ; 2. Dirjen PKH, Kemtan ; 3. Dirjen Multi, Kemlu ; 4. Deputi PMMK, Bappenas; 5. Dirjen Komunikasi & Informasi Publik, Kem Kom Info

Workforce Development
Koordinator: Kabadan PPSDMK, Kemkes
Sekretaris: Dirjen Pnguatan Riset & Pngmbangan, Ristekdikti
Anggota: 1. Kabadan PPSDMP, Kemtan
2. Kabadan Pendidikan dan Pelatihan, Kemhan
3. Deputi Pemberdayaan Pemuda, Kemenpora

Emergency Operations Center
Koordinator: Deputi Penanganan Darurat, BNPB
Sekretaris: Dirjen YanKes, Kemkes
Anggota:1. Dirjen Strahan, Kemhan ; 2. Dirjen PKH, Kemtan ; 3. Dirjen Pnguatan Riset & Pngmbangan, Ristekdikti;; 4. Kepala BKP, Kemtan ; 5. Deputi Intelijen DN, BIN ; 6. Deputi Strategik, Lemhanas; 7. Deputi Penindakan & Binpuan, BNPT; 8. Kepala BAIS; 9. Kapuskes TNI ; 10. Sesjen Kemhub

Linking PH with Law & Multisectoral Rapid Response
Koordinator: Kapuskes TNI
Sekretaris: Dirjen Strategi Pertahanan, Kemhan
Anggota: 1. Dirjen Multi, Kemlu ; 2. Dirjen HPI, Kemlu; 3. Dirjen PKH, Kemtan ; 4. Sesjen Kemkes ; 5. Dirjen Imigrasi,KemKumHam ; 6. Dirjen Bin. Adm. Wil, Dagri ; 7. Dirjen KSDAE, Kemen LHK; 8.Deputi Intelijen DN, BIN ; 9. Deputi Strategik, Lemhanas ; 10. Dep. Penanganan Darurat, BNPB ; 11. Deputi Penindakan & Binpuan, BNPT ; 12. Kepala BAIS ; 13. Kepala Pusdokkes, POLRI; 14. Sesjen Kemhub

Medical Countermeasures & Personnel Deployment
Koordinator: Wakil Badan Intelijen dan Keamanan POLRI
Sekretaris: Dirjen Strahan, Kemhan
Anggota:1. Dirjen Yankes, Kemkes; 2. Dirjen PKH, Kemtan ; 3. Deputi Intelijen DN, BIN; 4. Kapuskes TNI ; 5. Deputi Strategik, Lemhanas ; 6. Deputi Penindakan & Binpuan, BNPT; 7. Deputi Bidang Penanganan Darurat, BNPB ; 8. Kepala BAIS

Steering Group Meeting

Steering Group Meeting

Side Event GHSA

Side Event GHSA

Side Event GHSA

GHSA Action Package Coordination Meeting

TERIMA KASIH

INFO:

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