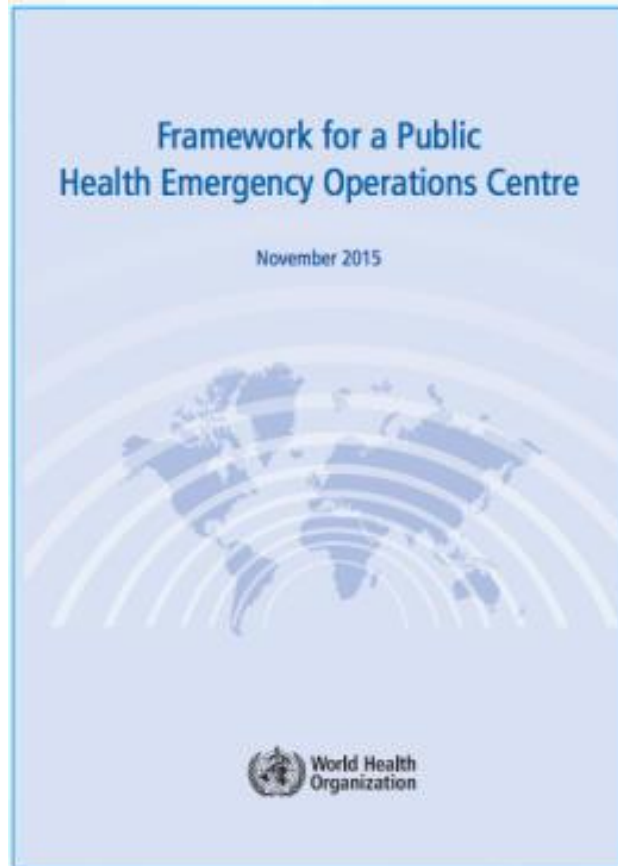


Public Health Emergency Operations Center: Country literature review



Hiroshima University
Department of Public Health and Health Policy
Batsaikhan Oyundari (Odi), Ph.D. candidate

What is a Public Health Emergency Operations Centre (PHEOC)?



“Emergency operations centre specializing in the command, control and coordination requirements of responding to emergencies involving health consequences and threats to public health”

- A physical location from where the emergency response is coordinated.
- Can be housed in a purpose-built or repurposed facility.
- Working in a PHEOC brings separate teams together to share expertise and skill.
- This helps staff provide key information to inform decision-making and the management of resources.
- To operate, a PHEOC needs:
 - ✓ physical infrastructure (including ICT);
 - ✓ policies, plans, and procedures;
 - ✓ a system for managing information and staff to run it

Framework for a Public Health Emergency Operations Centre



A well-designed plan is a prerequisite for the development of a PHEOC. Developing the PHEOC is a process that evolves over time. The essential steps for this process are:

- establishing legal authority and planning guidance;
- forming a policy group and a steering committee, which will:
 - develop main objectives of the PHEOC and
 - define the essential functions and operational structure of the PHEOC;
- developing the core components of the PHEOC;
- developing training and exercises for response staff;
- establishing monitoring and evaluation; and
- setting up mechanisms for costing, funding and sustaining a PHEOC.

PHEOC Handbook Part A: Policies, Plans and Procedures

PHEOC Handbook Part B: Physical Structures, Technology and Information Systems

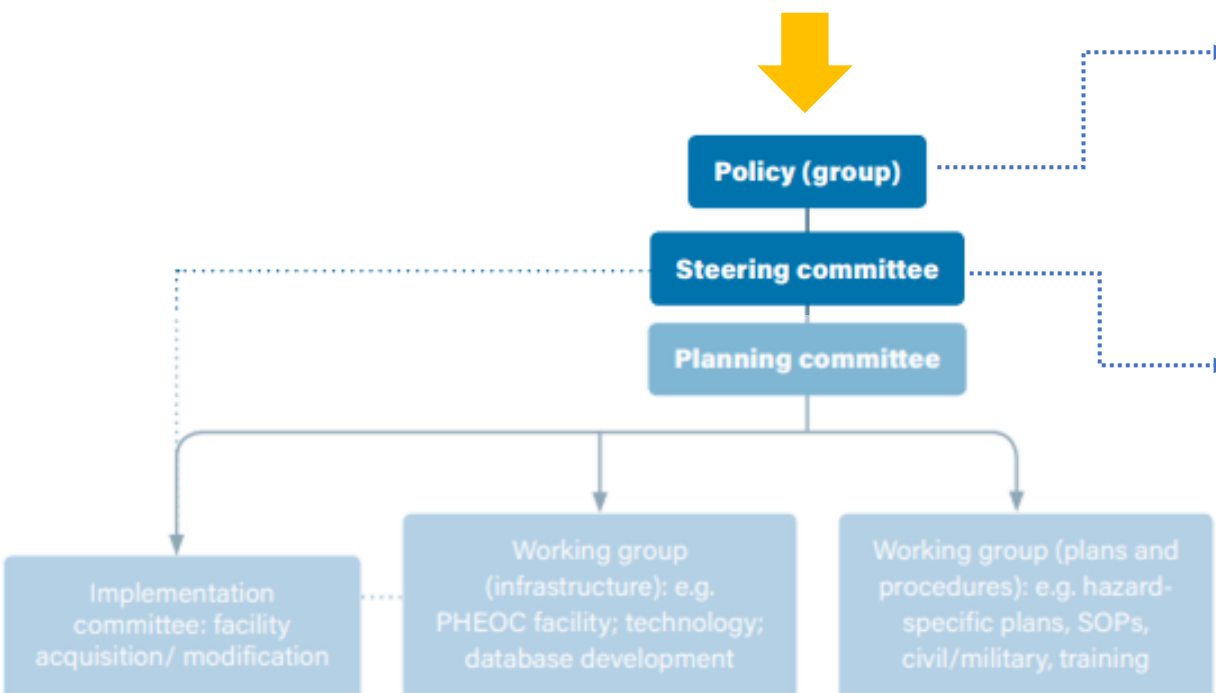
PHEOC Handbook Part C: Training and Exercises



Legal authority provided by legislation or a government entity is required to give organizations the mandate to respond to emergencies. This will give organizations the necessary authority to oversee the response, coordinate with other agencies and obtain funding for the response. As such, the legal authority should:

- outline the roles and responsibilities of the responding agencies;
- describe the coordination mechanism that will help them work together; and
- describe the funding mechanisms for the PHEOC.

Legal authority can be exercised through a policy group which will set strategic objectives and a steering committee to implement the PHEOC systems and infrastructure



The policy group will be made up of:

- Heads of involved organizations
- Subject matter experts
- Government officials
- Legal and ethical advisors
- Executive officers
- Strategic level professionals

- Provide high-level advice on the overall emergency management
- Facilitate collaboration within and between ministries and agencies
- Endorse requests for resources and assistance
- Delegate authority as required to the PHEOC

The steering committee will consist of staff from key stakeholders and users, for example:

- Emergency managers and team leads from:
 - Information team
 - Surveillance
 - Logistics
 - Finance
 - Human resources

- Conduct risk and capacity assessments
- Lead on decisions about the broader emergency management model, including:
 - deciding the size, scope and type of the PHEOC;
 - developing PHEOC principle objectives;
 - defining the essential functions and operational structure;
 - defining how core processes will be managed;
 - ensuring core components are in place;
 - developing a monitoring and evaluation plan; and
 - developing a costing and budgeting plan.



The steering committee will decide on the exact objectives.

Country literatures

Availability of information

Ethiopia

Australia

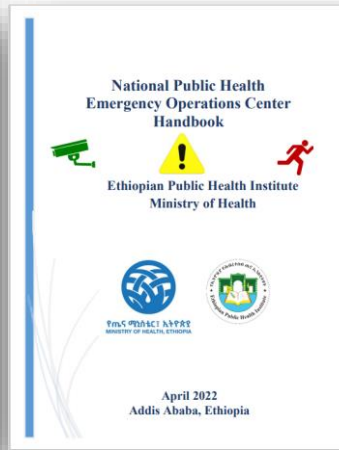
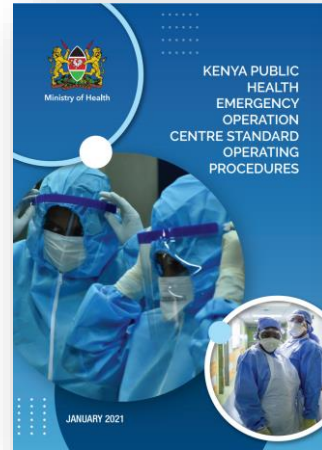
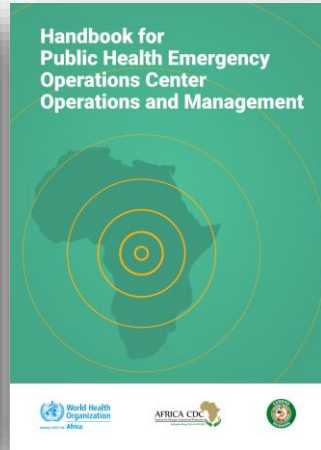
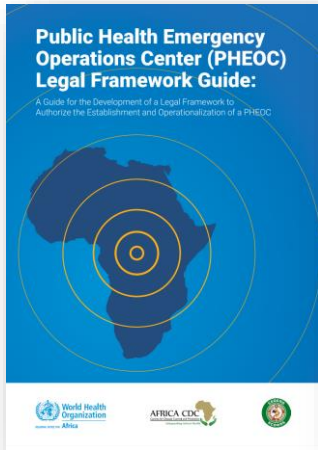
Field visit

Israel

Canada

United States of America

Ethiopia



Legal Authority:

Article 93. Declaration of State of Emergency

No.93/a Council of Ministers of the Federal Government

No.93/b State executives



Policy Group:

Council of Ministers Regulation No.301/2013



Mandated the Ethiopian Public Health Institute to operate the PHEOC

Steering Committee:

Public Health Emergency Management Technical Working Group

Annex 2: Example of Legal Authority for a PHEOC (Cote d'Ivoire)

PRESIDENCY OF THE REPUBLIC **REPUBLIQUE DE COTE D'IVOIRE**
 Union – Discipline – Travail

DECREE No. 2019-292 OF 3 APRIL 2019 ON THE ESTABLISHMENT, DUTIES, ORGANIZATION AND OPERATION OF THE PUBLIC HEALTH EMERGENCY OPERATIONS CENTRE

THE PRESIDENT OF THE REPUBLIC,
 On the joint report of the Ministry of Health and Public Hygiene, the Ministry of the Interior and Security, the Ministry of Agriculture and Rural Development, the Ministry of Livestock and Fisheries, the Ministry of the Economy and Finance, the Ministry of Sanitation and Cleanliness, the Ministry of Administrative Reform and Public Service Innovation, the Ministry of the Environment and Sustainable Development and the Secretary of State in the Office of the Prime Minister in charge of the Budget and the State Portfolio,
 Mindful of the Constitution,
 Mindful of the International Health Regulations (2005) as ratified on 15 June 2007,
 Mindful of Decree No. 79-643 of 8 August 1979 to establish the national disaster contingency plan,
 Mindful of Decree No. 97-678 of 3 December 1997 on the protection of the marine and lagoon environment from pollution,
 Mindful of Decree No. 98-42 of 28 January 1998 to establish the or the control of accidental pollution at sea, in the lagoon and in the
 Mindful of Decree No. 2012-986 of 10 October 2012 on the establishment and operation of the National Risk Reduction and Disaster Management
 Mindful of Decree No. 2018-614 of 4 July 2018 to appoint the PR
 Mindful of Decree No. 2018-617 of 10 July 2018 to appoint the PR as Minister of the Budget and State Portfolio,
 Mindful of Decree No. 2018-618 of 10 July 2018 to appoint Moutari as amended by Decree No. 2018-914 of 10 December 2018,
 Mindful of Decree No. 2018-648 of 1 August 2018 to define the d

HEREBY DECREES AS FOLLOWS:

Done in Abidjan, on 3 April 2019
Alassane OUATTARA
 Certified true copy
 Secretary General of the Government
 [Signed]

Eliane Atté Bimanangbo
 Präfet

Annex 3: Example of Legal Authority for a PHEOC (Senegal)

REPUBLIQUE DU SENEGAL
 Un Peuple Un But Une Foi
MINISTRE DE LA SANTE ET DE L'ACTION SOCIALE
 No. _____
 /MSAS/SG/SL

THE MINISTER OF HEALTH AND SOCIAL ACTION,
 Mindful of the Constitution,
 Mindful of law No. 2005-22 of 5 August 2005, related to emergency medical assistance and health transport,
 Mindful of decree No. 2004-1404 of 4 November 2004 to organize the Ministry of Health and Medical Prevention,
 Mindful of decree No. 2005-1271 of 29 December 2005 defining the organization of the Emergency Medical Assistance Service,
 Mindful of decree No. 2014-845 of 6 July 2014 to appoint the
 Mindful of decree No. 2014-853 of 9 July 2014 to apportion and the supervision of public establishments, national comp
 Presidency of the Republic, the Prime Minister's Office and 1
 Mindful of decree No. 2014-867 of 22 July 2014 to define the Minister of Health and Social Action,
 Mindful of decree No. 2015-855 of 22 June 2015 to form the as amended by Decree No. 2016-1705 of 28 October 2016,
 Considering the memo of the Director of the Health Emerg

HEREBY ORDERS AS FOLLOWS:

Done at Dakar, on the
The Minister of Health and Social Action

Le Ministre
Pr Awa Marie Coll SECK

Annex 4: Example of Legal Authority for a PHEOC (Togo)

MINISTRE DE LA SANTE ET DE LA PROTECTION SOCIALE **REPUBLIQUE DE TOGO**
 Liberté – Fierté – Progrès

CABINET
GENERAL SECRETARIAT

ORDER No. -10--(2017)MSP/CS/CAB /SG
Related to the establishment, organization and operation of the Public Health Emergency Operations Centre (COUSP)

THE MINISTER OF HEALTH AND SOCIAL PROTECTION,
 Mindful of the Constitution of 14 October 1992,
 Mindful of the International Health Regulations (2005),
 Mindful of law No. 2009-007 of 15 May 2009 revisiting the Public Health Code of the Republic of Togo,
 Mindful of decree No. 90-115 (FR) of 28 December 1990 to organize hospitals in the Republic of Togo,
 Mindful of decree No. 2012-004 (FR) of 29 February 2012 to define the duties of Ministers of State and Ministers,
 Mindful of decree No. 2012-006 (FR) of 7 March 2012 to organize ministries,
 Mindful of decree No. 2015-041 (FR) of 28 June 2015 to form the Government, and subsequent amendments thereto,
 Mindful of order No. 0021/2013/MS/CAB/SG of 27 February 2013 to organize the Ministry of Health.

HEREBY ORDERS AS FOLLOWS:

Article 1: A Public Health Emergency Operations Centre (COUSP) is the Health and Social Protection.
 Public health emergencies shall mean extraordinary events determined on account of the likelihood of the spread of disease and that may be national or international action.

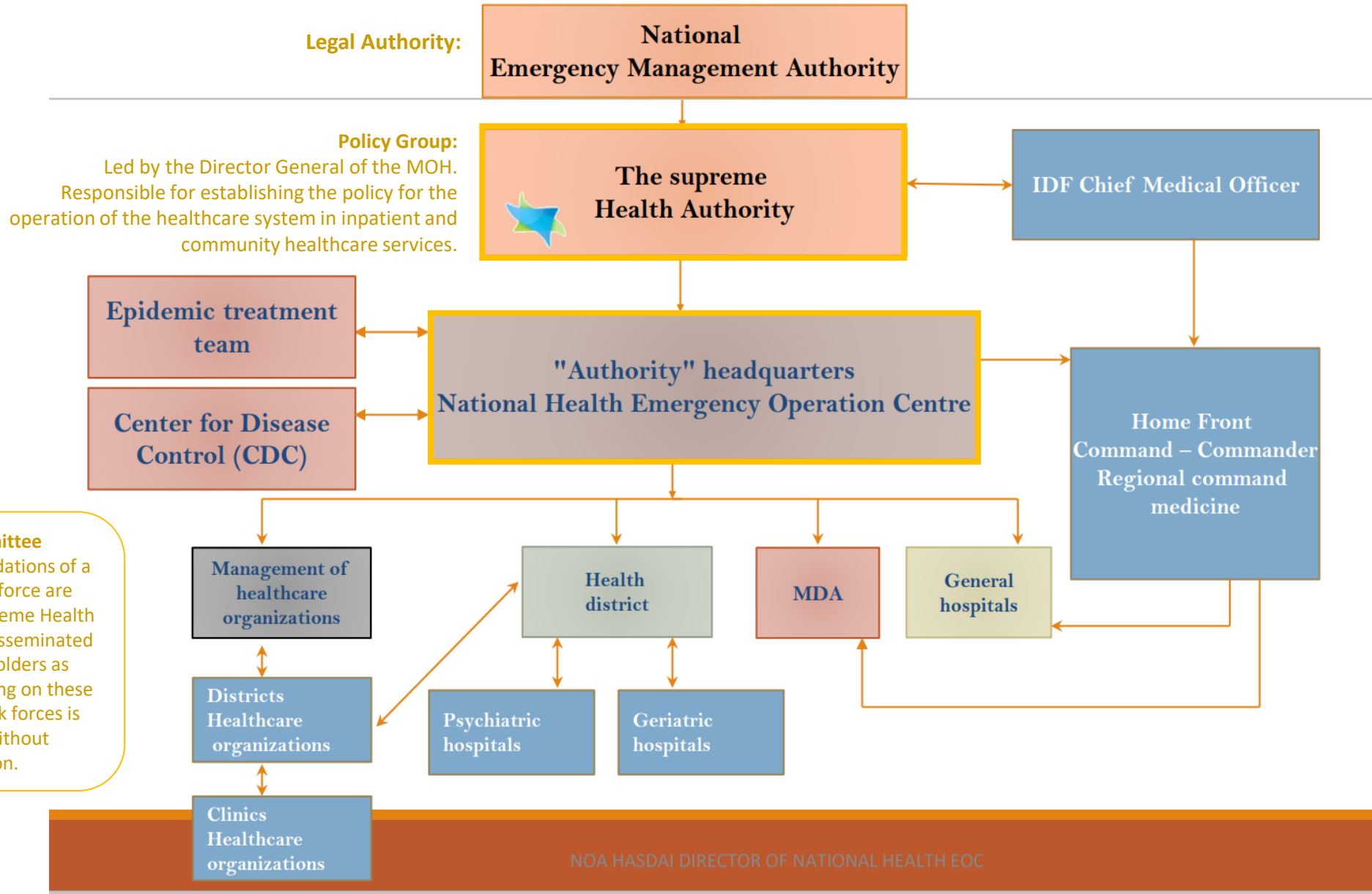
Article 2: The COUSP shall be a technical structure tasked with the pro public health emergencies.
 It shall be attached to the National Institute of Surveillance and Control.

Article 3: The Public Health Emergency Operations Centre shall have a - define urgent measures to be implemented during epidemics and if depending on the public health event in question,
 - communicate in real time key and relevant information to national decision-making authorities and partners.

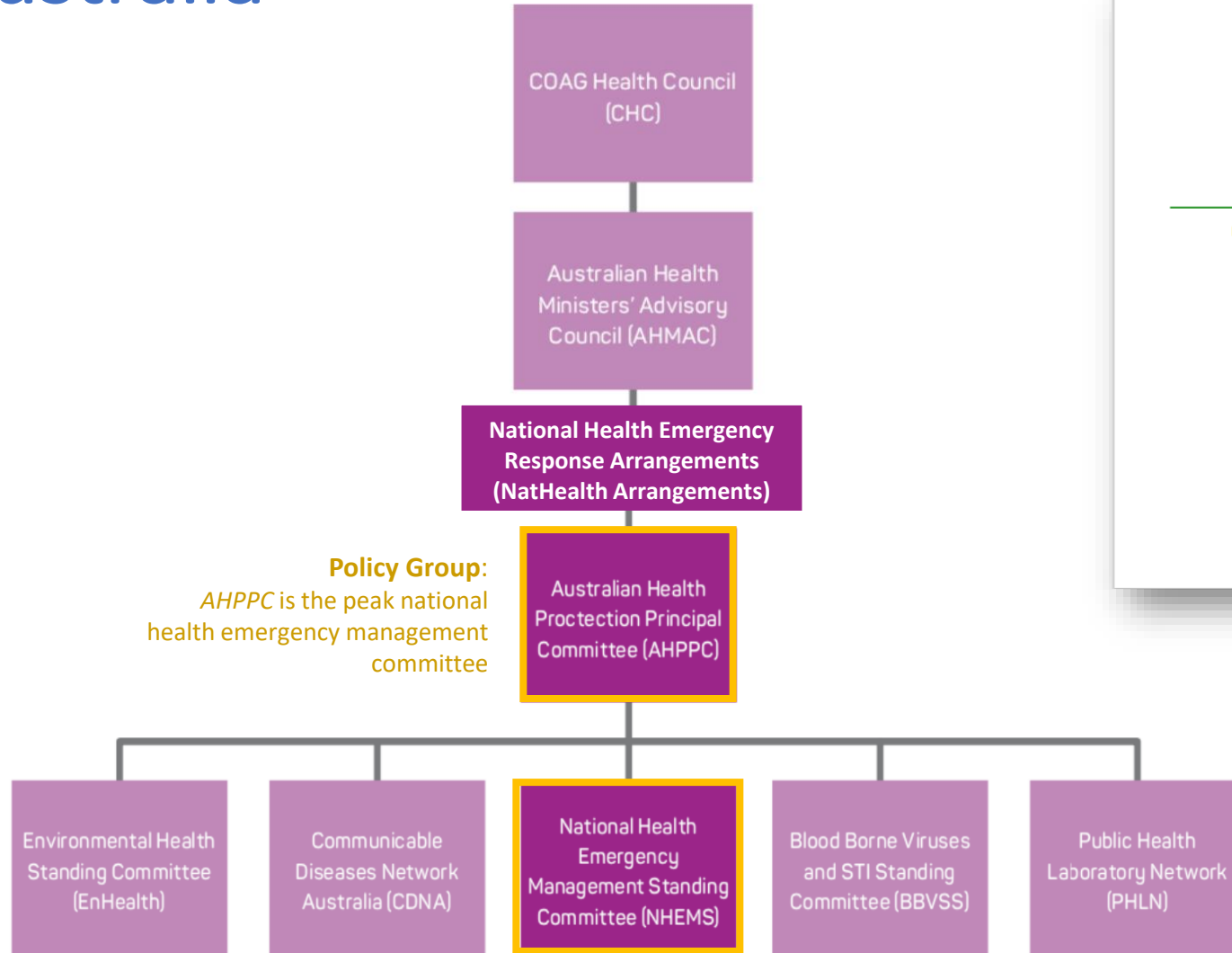
15 2017
Done at Lomé, on the
Signed: Professor Moustafa MIJIYAWA

Pour Ampliation
Le Secrétaire Général & p
le coordonnateur des activités de la
générale de l'action sanitaire
AWOUSSI Sossinou

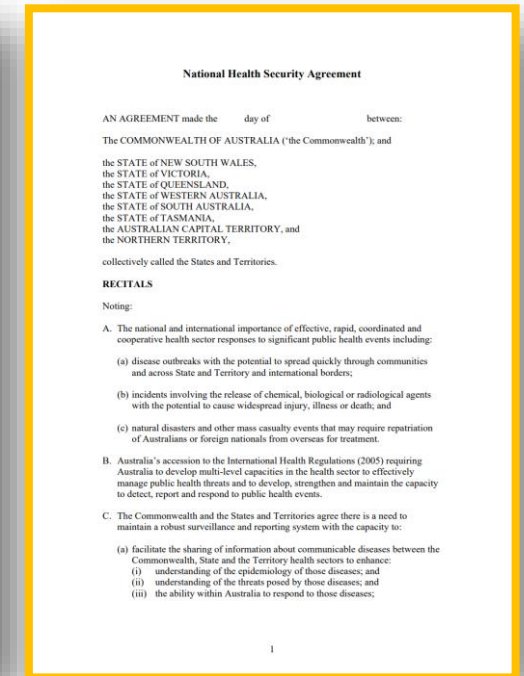
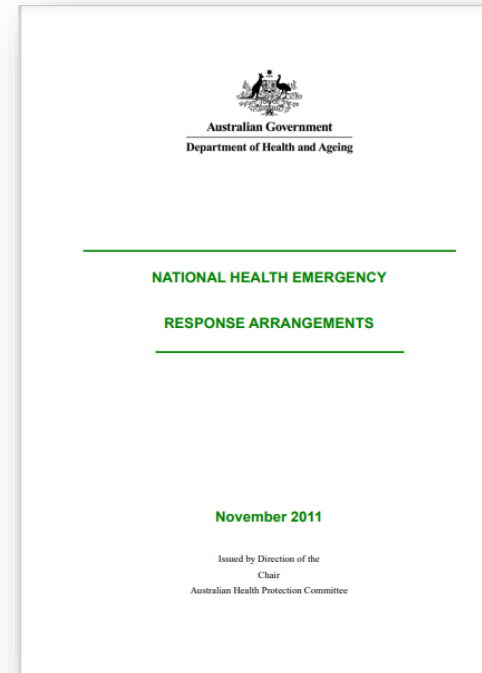
Israel



Australia



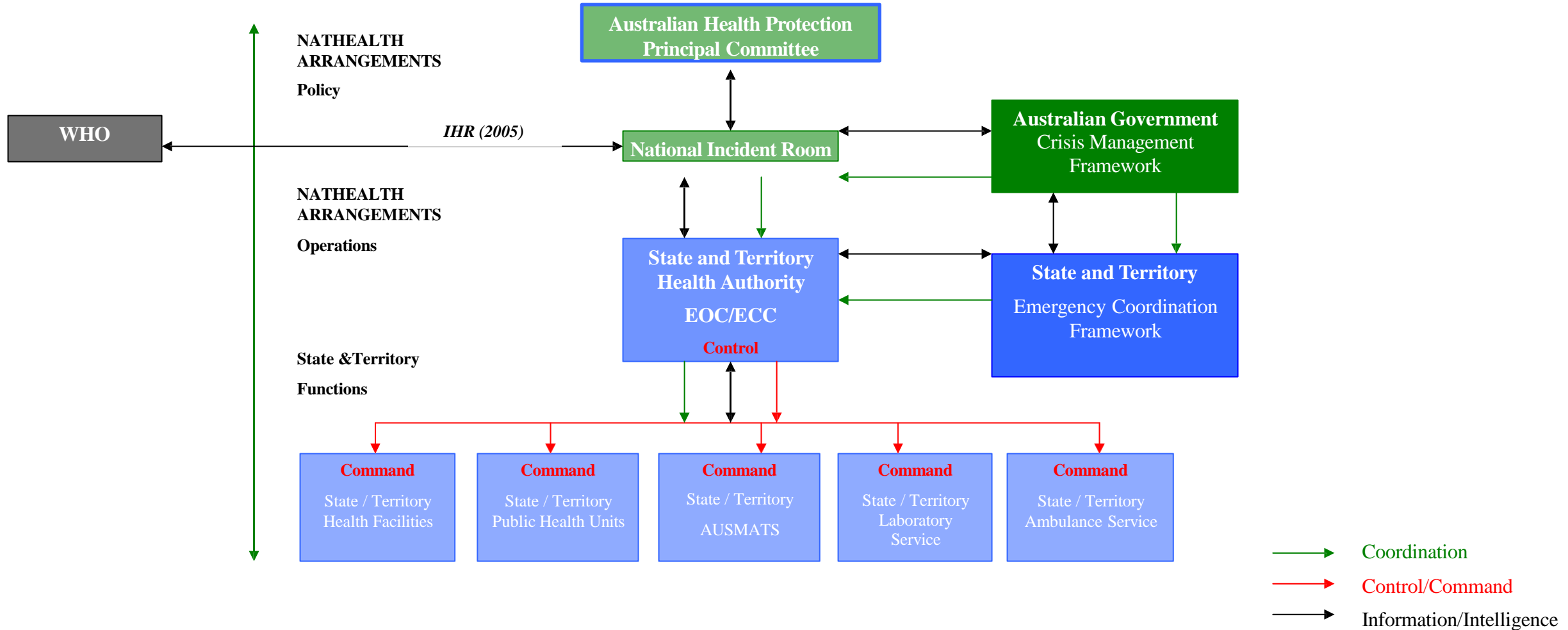
Steering Committee: addresses the operational aspects of disaster medicine and health emergency management in all hazard contexts with a focus on preparedness and response.



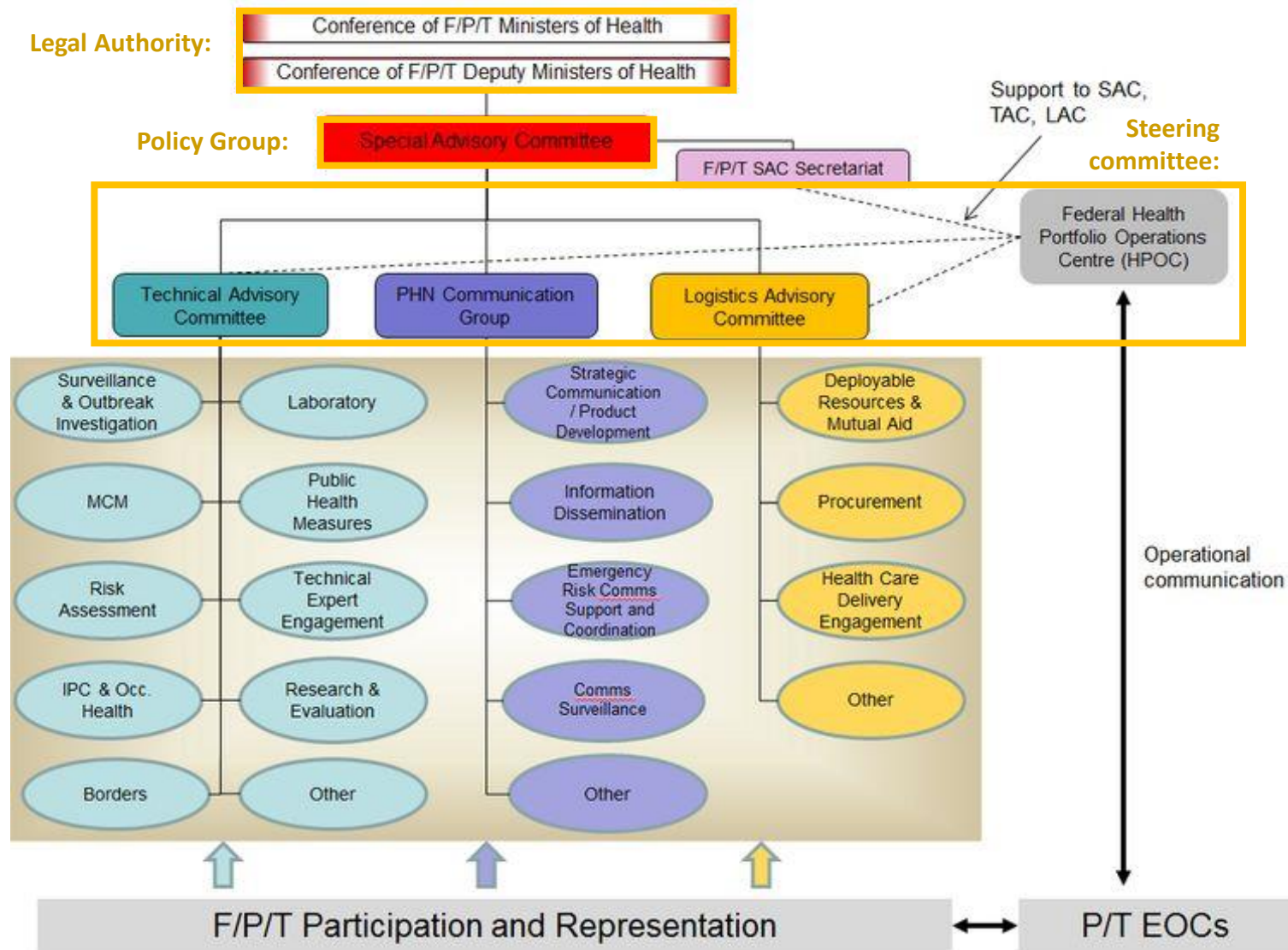
Legal Authority:
The AHMAC produced the *NatHealth Arrangements* to guide a coordinated Australian health sector response and provide a strategic planning framework for guidance to the future revisions of existing health sector emergency plans.

Australia

THE NATHEALTH ARRANGEMENTS GOVERNANCE STRUCTURE

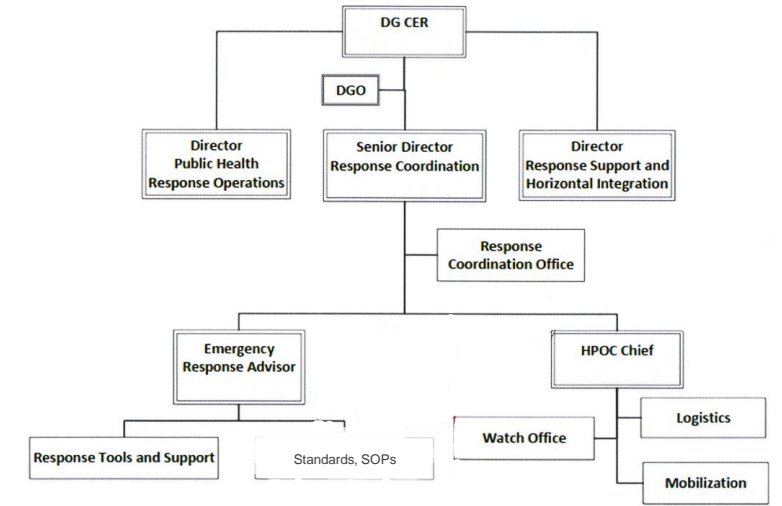


Canada



- Public Health Agency of Canada
Emergency Management Branch**
- Reorganization of the Center for Emergency Preparedness and Response
 - Expansion of the National Emergency Strategic Stockpile
 - Coordinates responses to domestic and international public health emergencies as shared service in the Health Portfolio.
 - **HPOC** is a Health Portfolio central hub to provide 24/7 support, coordination, resources, information, and expertise.
 - Activation support to the IMS.

CER Organizational Structure

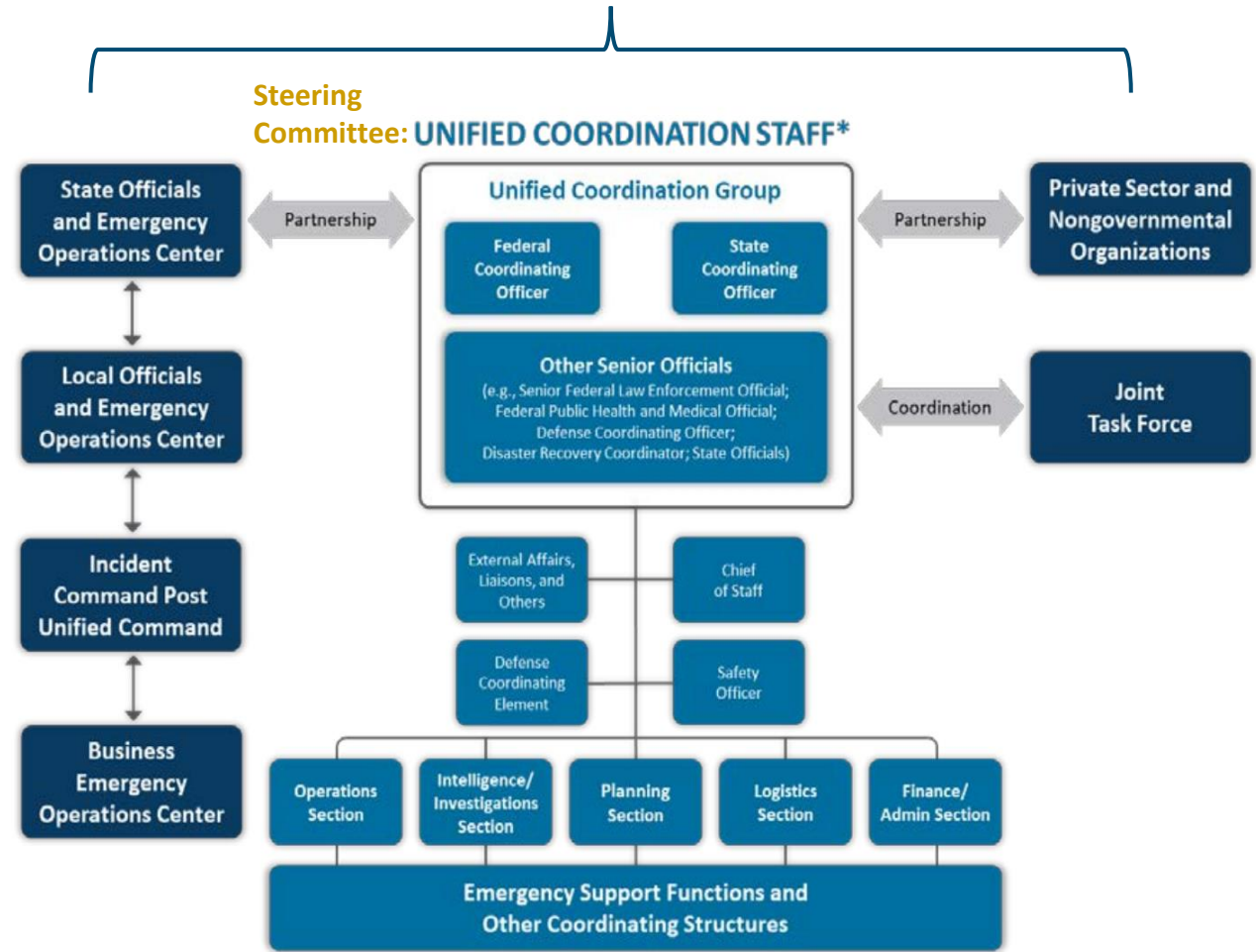


[Federal, provincial, and territorial public health response plan for biological events.](#) (2018).

McNeill R, Topping J; FPT Response Plan Task Group. Federal, provincial and territorial public health response plan for biological events. Can Commun Dis Rep. 2018 Jan 4;44(1):1-5. doi: 10.14745/ccdr.v44i01a01. PMID: 29770090; PMCID: PMC5937070.

United States of America

Policy Group: Multiagency Coordination Groups (MAC)



*References to state also refer to tribal, territorial, and insular area governments.

* The FEMA Administrator has additional standing authority for response under the Homeland Security Act and Title VI of the Stafford Act. Per the Homeland Security Act, the FEMA Administrator serves as the principal advisor to the President, Homeland Security Council, and Secretary of Homeland Security.

** The Federal Coordinating Officer (FCO) is appointed under Section 302 of the Stafford Act.

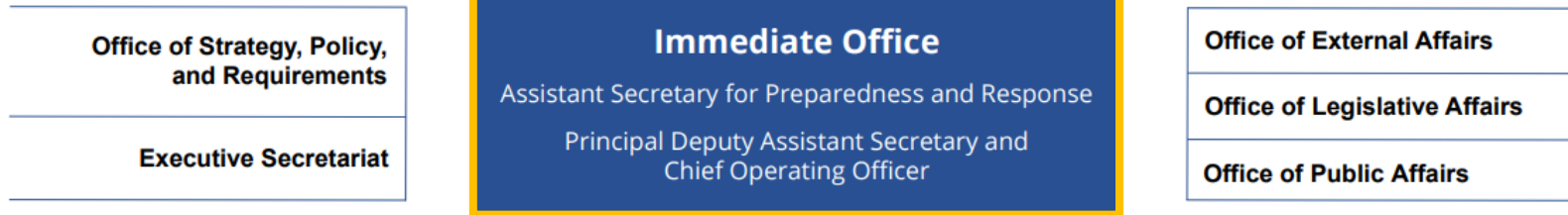
United States of America

Department of Health and Human Services Administration for Strategic Preparedness and Response (ASPR)

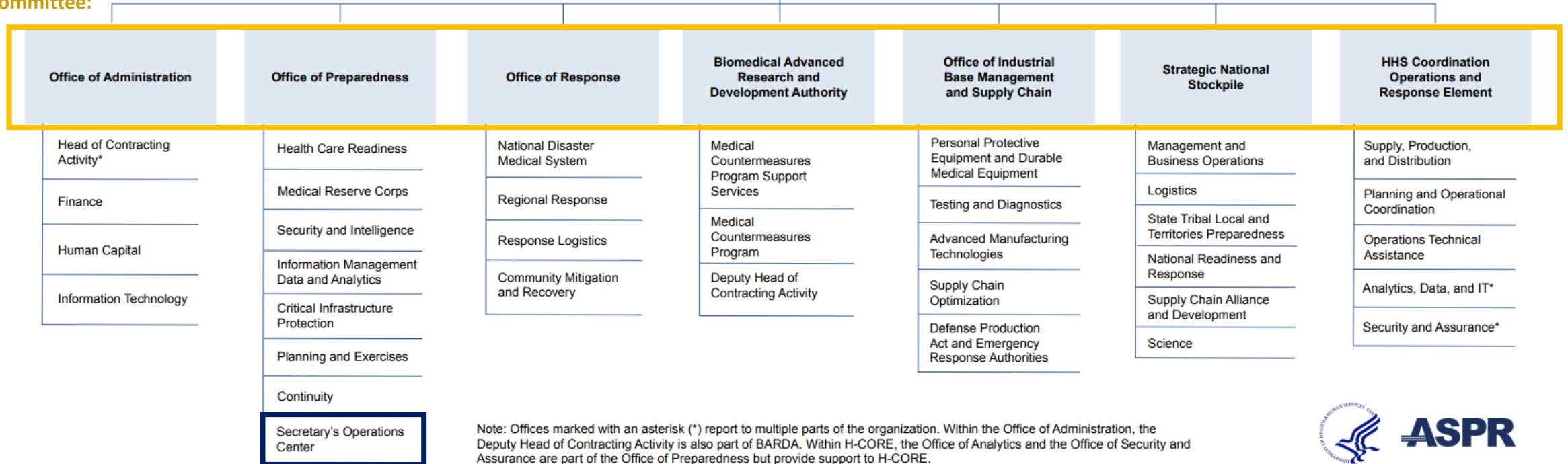
Legal Authority:

- National Response Framework (NRF)
- Section 2811 of the Public Health Service Act

Policy Group:



Steering Committee:



Note: Offices marked with an asterisk (*) report to multiple parts of the organization. Within the Office of Administration, the Deputy Head of Contracting Activity is also part of BARDA. Within H-CORE, the Office of Analytics and the Office of Security and Assurance are part of the Office of Preparedness but provide support to H-CORE.

