

# Recent developments in prevention of PHEIC



***Dr. L. B. H. Denuwara (MD Medical Administration),  
Consultant Medical Administrator,  
Director Quarantine,  
MOH.***

# Enhancing National Border Health Capacity for Sri Lanka

*...a practical, evidence based, stepwise approach*



*Dr. K.Wickramage , IOM, head of health.*

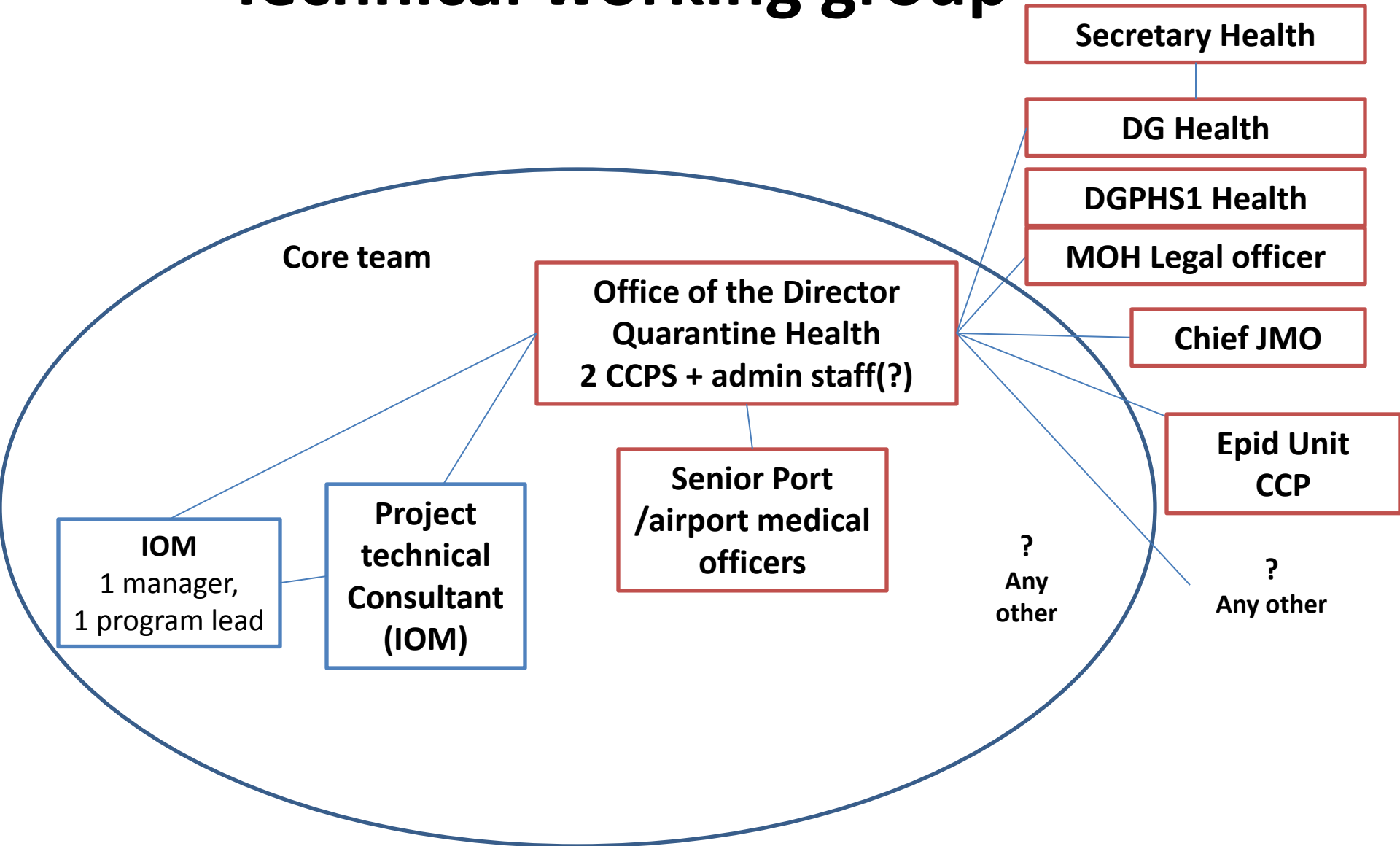
*Dr. L. B. H. Denuwara, Director Quarantine,MOH.*

*Dr. Vindya Kumarapille, Consultant Community Physician, MOH*

- 1. Revisit Objectives**
- 2. Finalize methodology**
- 3. Identify the timeline (GANNT Chart)**
- 4. Discuss roles and responsibilities**

# Enhancing National Border Health Capacity for Sri Lanka project

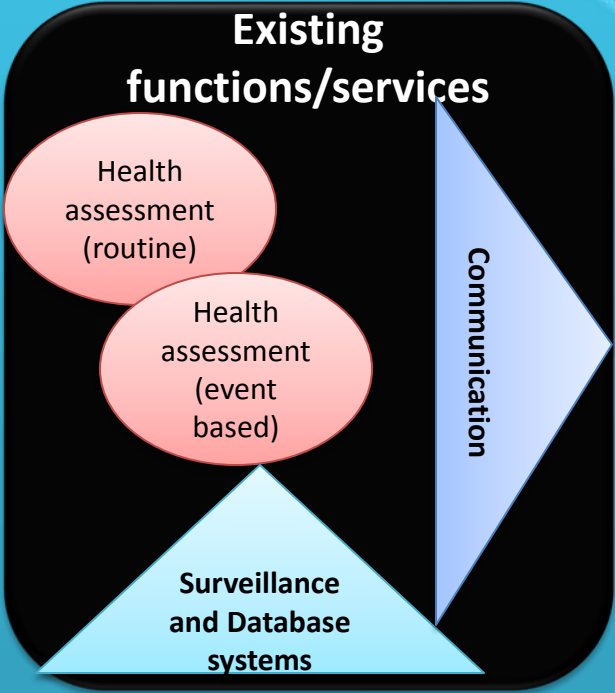
## Technical working group



# IOM technical contribution and capacity building for the project

- *Dr. L. B. H. Denuwara - Director Quarantine, MOH.*
- *Dr. Vindya Kumarapille – CCP, MOH(Quarantine Unit) : project technical consultant*
- *Dr. K.Wickramage IOM, head of health*
- *Dr. Iresh Dassanayake –CCP, MOH(Quarantine Unit)*
- *Dr. Sepali Wickramathilake – CCP, MOH(Quarantine Unit)*

# What was requested.



# Partnerships For effective BORDER HEALTH!



# Border health strategy What we agreed.

Influence/demands from other member states.  
Principle of 'reciprocity'

International legal frameworks

Domestic legal frameworks

SOPs

- Medical officers
- PHIs
- Administrator
- Vaccination centre Medical officers
- Vaccination centre nursing/administrative officers

### Existing functions/services

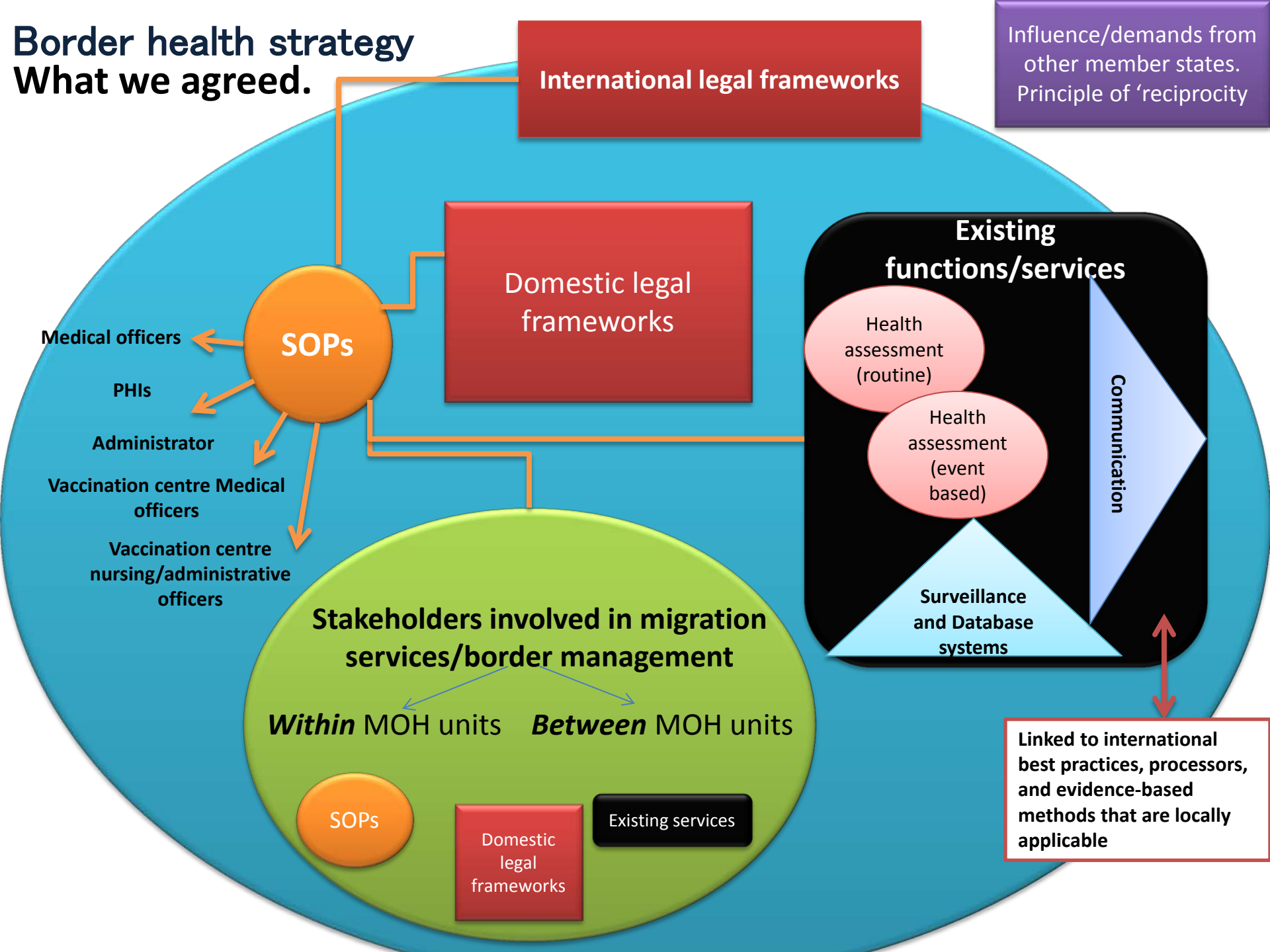
- Health assessment (routine)
- Health assessment (event based)
- Surveillance and Database systems
- Communication

### Stakeholders involved in migration services/border management

*Within* MOH units    *Between* MOH units

- SOPs
- Domestic legal frameworks
- Existing services

Linked to international best practices, processors, and evidence-based methods that are locally applicable





# Systematic challenges to the Current border health system and **project rationale** for enhancing border health capacities

- ❑ **Emphasized the importance of Border health within Public health yet the reality that not much focus and emphasis and investment have been made despite its importance to public health security and protection**
- ❑ **Sri Lanka has launched a Migration health policy which also places emphasis on the nations border health functions. The need for improving border health practices in growing migration patterns** (*Mhpolicy + show book IOM-IPS-GoSL*)
- ❑ **Sri Lankas border health protocols need revision and updating based on new IHR in 2005 and also patterns in changing epidemiology and migration burden..** (*India revised in 2005 itself after new IHR*)
- ❑ **Vertical vs. horizontal approaches**
  - (confusion in role of various units of MOH and their terms of reference and function at borders...eg. From Malaria program on screening of irregular migrants at port of entry vertically..)
- ❑ **Reactionary vs. responsive strategies**
  - (in potential global events/pandemics the role of office of border health officers is unclear. E.g. SARS response, eg. From MERSCOV information dissemination via SLFBE request)

# Some Scenarios to make things practical

## *- What are the current procedures for these cases?*

- Person with MDR TB needs to return home , how do you inform airline?
- Group of 40 Persons coming from Togo to SL on conference mission
- Death on a vessel, call made to Port health officer to examine
- Sri Lankans living in refugee settlements in India arriving on multiple go and see visits to NP
- MERS-COV threshold put to step 2.
- Pakistan asylum seekers in Negombo. Malaria cases detected
- cholera outbreak in South India, what measures do you take?

# Mapping EXISTING practice landscape BEFORE developing SOPs!

- **Mapping** Legal Framework (domestic)- What are CURRENT legal frameworks, routine practices, procedures, duties and systems in place for border health management? (Quarantine act and Immigration Act).
- **Mapping literature and Global best practices** in border health relevant to Sri Lankan context.
- **Duty list mapping** for all categories of workers involved..including administrators
- **Stakeholder Service mapping and Capacity mapping** for border health at airport (MOH, Aviation, Airforce, Private Sector, Immigration Controller, SLFBE, Sahana Piyasa) and Seaport (??)

# STEP WISE APPROACH

- What we don't want: SOPs developed (off the shelf), no ownership, no integration within systems
- What we want: inter-sectoral approach, each agency has a role to play, our staff have clear guidelines and practices and powers vested to work in border health



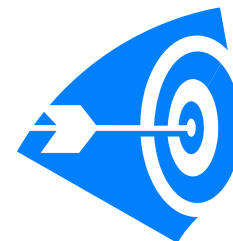
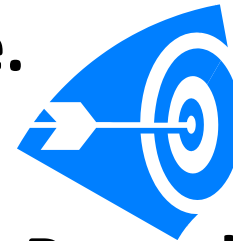
# ***Project principals?***

- Evidence based medicine approach to inform our decisions/Highly technical competency approach/a Rights based approach
- Meaningful Participation of key stakeholders throughout the process

# What are the final outcomes of this project?

**GOAL:** Enhance Sri Lanka's border health management capacity to ensure public health protection through all migrant flows. Under the purview of the Minister of Health, the Secretary of Health, DG and via the Directive and functions of the Office of the Directorate of Quarantine Health the project will seek to:

- Outcome 1: A Domestic legal framework that is revitalized and updated to address the new and emergent border health issues SL face.**
- Outcome 2: A Standard Operational Procedure (SOPs) developed for Border Health And Quarantine unit to guide the operational/practice space.**



# What are **the final outcomes** of this project?

- **Outcome 1: A Domestic legal framework that is revitalized and updated to address the new and emergent border health issues SL face.**
- The framework that is based on evidence and international guidelines and standards. Ensure that the legal frameworks Under the purview of the Quarantine Ordinance Act (1952) and the Immigration Act (1942) are revised to reflect the current and future public health threats to Sri Lanka via ports of entry and other inbound, outbound and internal migrant flows. Irregular migration needs to have special focus too.

# What are **the final outcomes** of this project?

## **Outcome 2: A Standard Operational Procedure (SOPs) developed for Border Health And Quarantine unit to guide the operational/practice space.**

- Design and develop a SOP that is reflective of international guidance frameworks, coherent with domestic legal frameworks and the resource dynamics (and limitations), skills, capacities to address the challenges of border health and quarantine issues.
- This first involves undertaking systematic mapping of existing practices and a SWOT analysis, and then developing via a consultative process the SOPs, TORs and guidance notes.
- A delphi method be used in formulating the content of the SOPs and TORs.
- Outlining border health indicators for monitoring and evaluation of program (to fit into Health sector planning, allocative efficiencies).
- A sub-component of outcome 2 is to develop guidelines and protocols on the management of dead bodies and forensic aspects in relation to border health and quarantine with the Chief JMO.



# Not realistic within project period?

- **Outcome 3:** Ensure that border health officials and other relevant officers at Sri Lanka's borders are sensitized in current border health practices and protocols through an in-service training programs (and later embedding into training curricular of MO's and CCP training) based on newly developed SOPs.

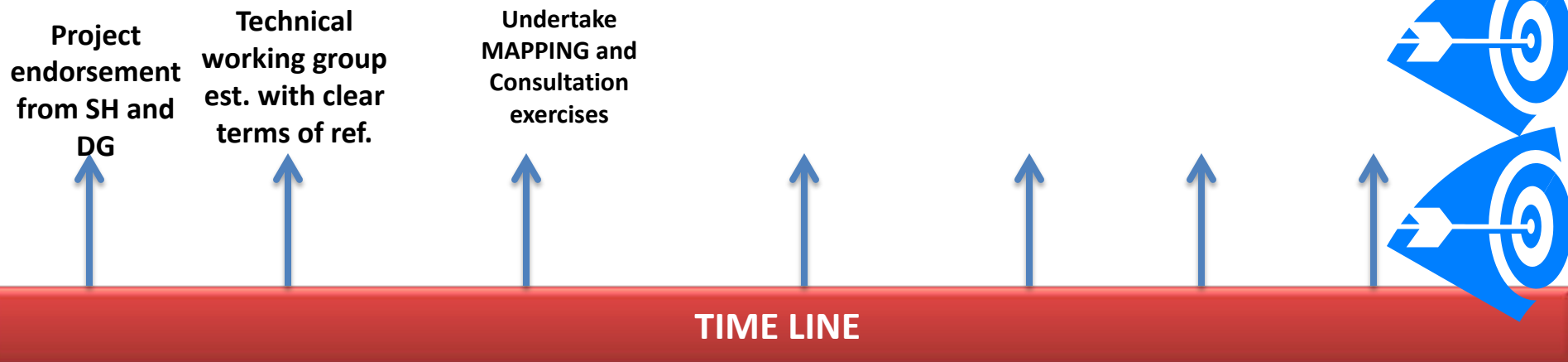
# Enhancing National Border Health Capacity for Sri Lanka..STEPWISE APPROACH for Project

1. Agree on project timeline, resource commitments, (SMART indicators)
2. Develop small working group for SOP development for port health officers comprising of units within MOH including legal officer with consultant expertisedI (dentify purpose of group/estb. TOR for group)
3. Undertake **MAPPING** exercises
  1. Familiarization process via literature review
  2. Service map (this will identify stakeholders too)
  3. Capacity map
  4. Legal framework map
  5. Resources/budget map
  6. SWOT analysis and GAP analysis
4. Undertake consultations with port health officers : ask:What are the problems and issues related to existing border health practices?, then measure against normative frameworks
5. Establishing coordination mechanism with key stakeholders to develop a border health strategy (workshop/presentation )

# What are the final outcomes of this project?

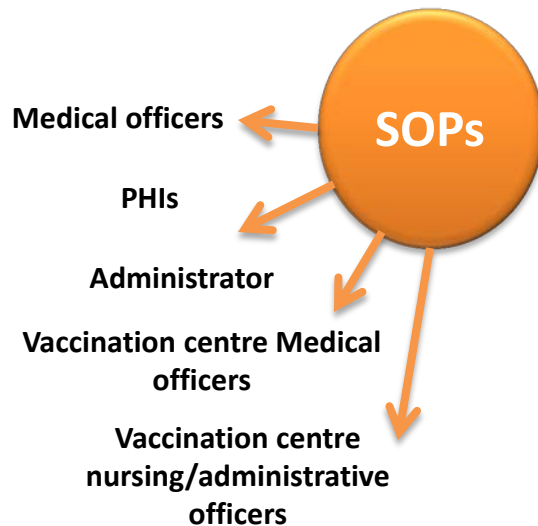
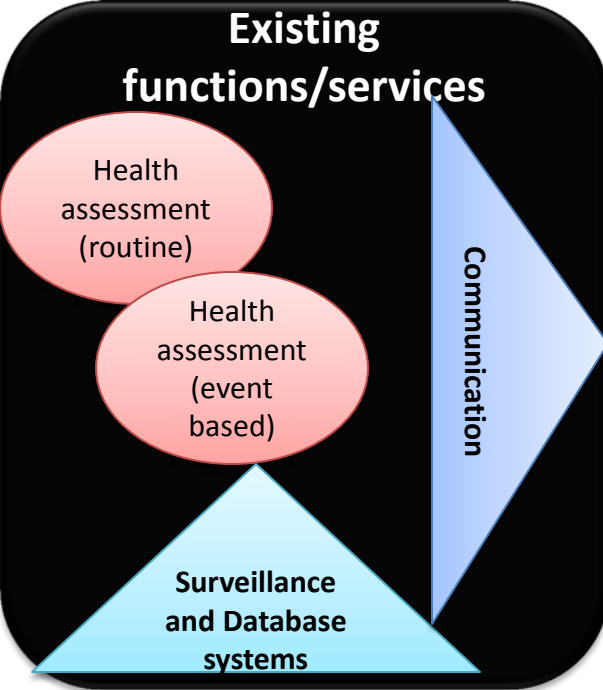
**GOAL: Enhance Sri Lanka's border health management capacity to ensure public health protection through all migrant flows.**

- ❑ **Outcome 1: A Domestic legal framework that is revitalized and updated to address the new and emergent border health issues SL face.**
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## Proposed Time line for the plan of action on enhancing the border health strategy for Sri Lanka

Activity	2013		2014								
	Nov	Dec	Jan	Feb				March			
				1 <sup>st</sup> wk	2 <sup>nd</sup> wk	3 <sup>rd</sup> wk	4 <sup>th</sup> wk	1 <sup>st</sup> wk	2 <sup>nd</sup> wk	3 <sup>rd</sup> wk	4 <sup>th</sup> wk
<b>1. Desk review of the regional and global border health strategies</b>	X										
<b>2. Mapping Component. (identify technical/organizational/capacity/resource gaps in current system )</b>	X	X									
<b>3. Developing SOPs for the quarantine activities – 8 core capacities of the IHR</b>		X	X								
<b>4. Revision of the Sri Lanka Quarantine and Disease Prevention Ordinance</b>	X	X									
<b>5. Developing TOR s for the border health staff</b>			X	X							
<b>6. Integrate and institutionalize the IT collusion and Border Health information system and training of staff</b>								X	X	X	X
<b>7. Stakeholder meeting and discuss the proposed revised border health strategy</b>		X		X							
<b>8. Ministry of Health approval</b>						X					
<b>9. National Symposium on Revised Border Health Strategy for Sri Lanka</b>							X				
<b>10. Capacity building and training of the staff (border health Immigration and customs)</b>								X	X	X	X



1. **Health check of passengers (point of entry)** e.g. passengers coming from Yellow fever endemic areas
2. **Disinfections, Disintections and deratting of aircrafts**
3. **Supervision of sanitation Drinking Water and Anti Mosquito and Anti rodent work In Airports**
4. **Dead Body Clearance-** To issue specific instructions to immigration authorities and police for disposal of dead body when required under laws
5. **Quarantine Arrangement**
6. **Aircraft Medical Emergencies**
7. **Inspection food stuff catering arrangements**
8. **Licensing of eating Establishments**
9. **Imported food items**

**STANDARD OPERATING PROCEDURES FOR  
PREVENTION, EARLY WARNING AND RESPONSE TO  
PUBLIC HEALTH EVENTS AT POINTS OF ENTRY**



IOM International Organization for Migration  
IOM පාලනික සභාව විසි එකවරට පවැරදි  
IOM ප්‍රාදේශීය කාර්යාලයන් විසින්ද සැපයේ.

CABINET MEMORANDUM TO AMEND THE QUARANTINE AND PREVENTION OF DEASEASES ORDINANCE IN LIME WITH THE CURRENT HEALTH NEEDS OF THE COUNTRY AND THE INTERNATIONAL HEALTH REGULATIONS 2005

In Sri Lanka the relevant law governing the prevention of the spread of diseases and the Quarantine aspect is the Quarantine and prevention ordinance. Under section 02 of the said ordinance provides the minister to make regulations for the purpose of preventing the introduction into Sri Lanka of any disease and also preventing the spread of any disease in and outside Sri Lanka.

With the post conflict economic boom, Sri Lanka has accelerated its progress on becoming an aviation, naval, energy, knowledge and commercial hub. This development process creates global links and possesses major population flows along trade, commerce, tourism and labour into the country, within the country and out of the country with increasing cross border travel.

Due to the increase of international travel and trade and emergence and re-emergence of new international diseases it is important to have comprehensive border health strategies. It is also important to establish the countries legislative framework to facilitate these evolving needs.

International Health Regulation (IHR) also provide guidance on international public health security and obligate the WHO member countries to implement nesaarsy provisions within the country. With its latest revision, IHR considers the prevention, protection against, control and provision of public Health response to the International spread of disease in ways that are commensurate with and restricted to public health risks, and which avoid unnecessary interference with international traffic and trade.

It is now recognized that the public health threat is not limited to specific disease or manner of transmission, but also the illnesses or medical conditions, irrespective of origin or source, that presents or could present significant harm to human. Therefore it obligates countries to a) develop certain minimum core public health capacities; b) notifications to WHO of all events which may constitute a public health Emergency of International concern according to defined criteria,

# STAKEHOLDERS

<b>Ministry Of Health</b>	
Dr. Y.D.NihalJayathilaka	Secretary, Health
Dr. Palith Maheepala	Director General of Health Services
Dr. Sarath Amunugama	Deputy Director General (Public Health Services) 1
Dr. Sunil De Alvis	Deputy Director General (Education, Training & Research)
Dr. L.B.H.Denuwara	Director Quarantine
Mrs. A.R. Ahamed	Acting Chief Legal Officer
Dr. AjithTennakoon	Chief JMO, Institute of Legal Medicine & Toxicology
Dr. V.T.S.K.Siriwardhana	Regional Director of Health Services, Colombo
Dr. Ananda Jayalal	Director (Environment and Occupational Unit)
Dr. Gamini Seneviratne	Director, National Programme for Tuberculosis and Chest Control
Dr. H.D.B. Herath	Deputy Director (Environment and Occupational Unit)
Dr. P.M.Rathnayake	Director(Estate & Urban Health)
Dr. S. Sridharan	Director-Health Care, Quality & Safety
Dr. Lal Panapitiya	Director-Medical Services
Dr.M.W.M.K.Mediwaka	Medical Superintendent, District General Hospital, Hambantota
Dr. A.I.Jagoda	Deputy Director -Private Health Sector Development
Mr. H. Tilakaratne	Asst Director -Food Control
Dr.Iresha Dassanayake	Consultant Community Physician, Directorate of Quarantine
Dr.M.S.K.Wickramathilake	Consultant Community Physician, Directorate of Quarantine
Dr. Samitha Ginige	Consultant Epidemiologist
Dr. Sugandika Perera	Consultant Community Physician, Disaster Preparedness & Response Unit
Dr. C.J.S Jayamaha	Consultant virologist
Dr. Chandana Gajanayake	Registrar, PGIM
Dr. G.P.CT.Fonseka	Medical Officer, Infectious Disease Hospital
Dr. A.D.S.R.T.Siriwardhana	Medical Officer, Air Port Health Office Katunayake
Dr. A.V.N.Adhikaram	Medical Officer, Air Port Health Office Katunayake
Dr. J.A.D.R.S.Perera	Medical Officer, Air Port Health Office Katunayake
Dr. S.De Silva	Medical Officer, Air Port Health Office Katunayake
Dr. R.S.Walpitagamage	Medical Officer Air Port Health Office Mattala
Dr. U.I.Sirisena	Medical Officer Port Health Office - Colombo Port
Dr. M.B.A.DeSilva	Medical Officer Port Health Office - Colombo Port
Dr.M.A.AbdulRakeesthu	Medical Officer Assistant Port Health Office - MRI
Dr.F.D.Colombage	Medical Officer Port Health Office - Galle Port
Dr.N.Sarawanabawan	Medical Officer (Port Health Office - Trincomalee Port)
Mr. R.S.Jayarathne	Public Health Inspector, Air Port Health Office Katunayake
Mr. W.G.Chandrasiri	Public Health Inspector, Air Port Health Office Katunayake
Mr. H.L.L.P.Madusanka	Public Health Inspector, Air Port Health Office Mattala
Mr. W.A.D.K.Wickramarachchi	Public Health Inspector, Air Port Health Office Mattala

Mr. W.A.D.K.Wickramarachchi	Public Health Inspector, Air Port Health Office Mattala
Mr.M.D.Fernando	Public Health Inspector, Port Health Office - Colombo Port
Mr.N.A.Jayatissa	Public Health Inspector, Port Health Office - Galle Port
Mr.W.G.S.Udayanga	Development Officer, Port Health Office - Galle Port
Dr.Kapila Mallawaarachchi	Medical Officer, GMOA
<b>Other Ministries /Agencies</b>	
Dr. Bimal Dias	CAME FP/CAPSCAR-Ministry of Civil Aviation
Capt. R.A.Jayawickrama	Harbor Master, Sri Lanka Ports Authority
Dr. D. Rajakanthan	Chief Medical Officer, Sri Lanka Ports Authority
Dr. N. Wijewardhana	Animal Quarantine Officer, Department of Animal Production and Health
Dr.S.D.A.Nishantha	Medical Officer, Airport Aviation Service, Sri Lanka
Dr.S.Karunaratne	D.H.S.SLAF, Sri Lanka Army
Dr. N.Janakan	NPO-CRS WHO
Mr.T.H.S.Shantha	Deputy Director, Atomic Energy Authority
Mr.M.S.M.Rifham	Project officer, Sri Lanka Ports Authority, Galle
Col.Sanjaya Perera	DML
Mr.Hiran Thilakerathne	Assistant Director , Emergency Operation, Disaster Management Center
Mr.Shiran Sovis	Senior Assistant AirPort Manager, Airport Aviation Service, Sri Lanka
Mr.Nihal Alahapperuma	Superintendent of custom, SL Custom
Mr.H.A.D.Sudath	RO, NPA, Katunayake
Ms. CAchala	Superintendent of custom, Sri Lanka Customs
Mr.Chandana Ranaweera	Deputy Controller, Immigration & Emigration
Mr. L.C.Hewage	RO, NPQS, Katunayake
Mr. I.K.Warshamana	RO, NPQS ,Katunayake
Mr.Pradeep Saputantri	Deputy Controller (Legal), Department of Immigration & Emigration
Mr.P.P.Weerasooriya	Law Officer, Sri Lanka Ports Authority
Mr.H.Dissanayake	Development Officer (Legal) Ministry of environment





**Thank You!**