



Health supply chain capacity strengthening

13th Annual Conference on Health & Humanitarian Logistics
September 21, 2021



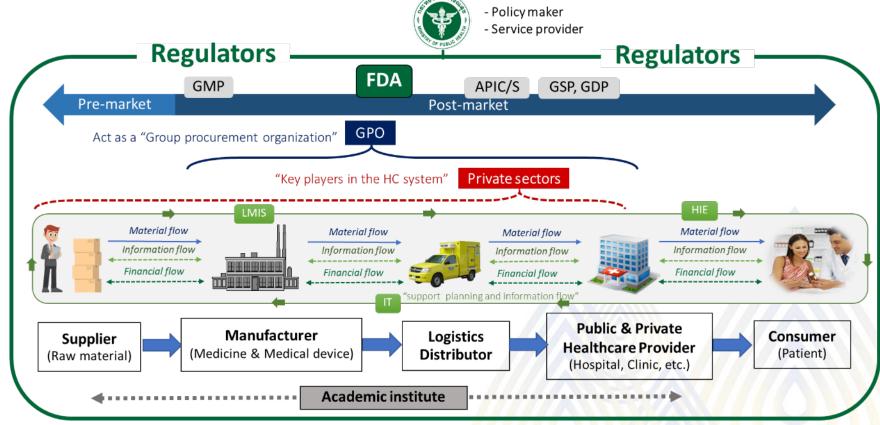
Health Supply Chain Ecosystem







Building blocks of a health system, WHO



"Commodities are available at service delivery points to meet needs in the most cost effective way possible"



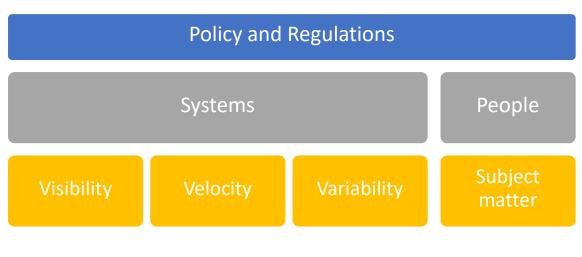
Better Health outcomes

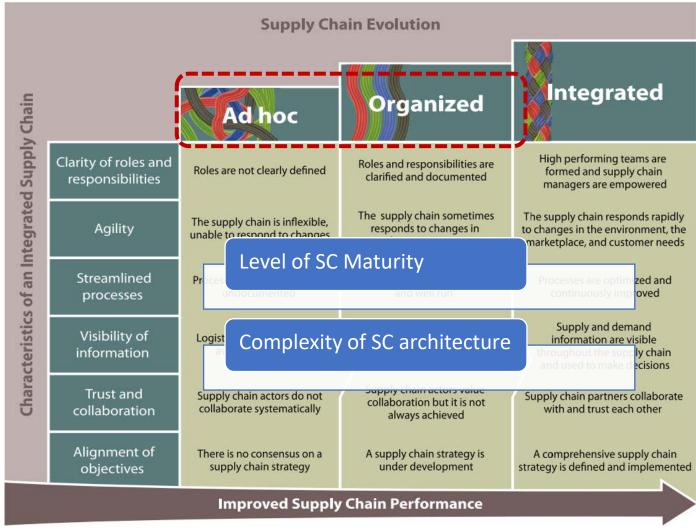


Element in Supply Chain









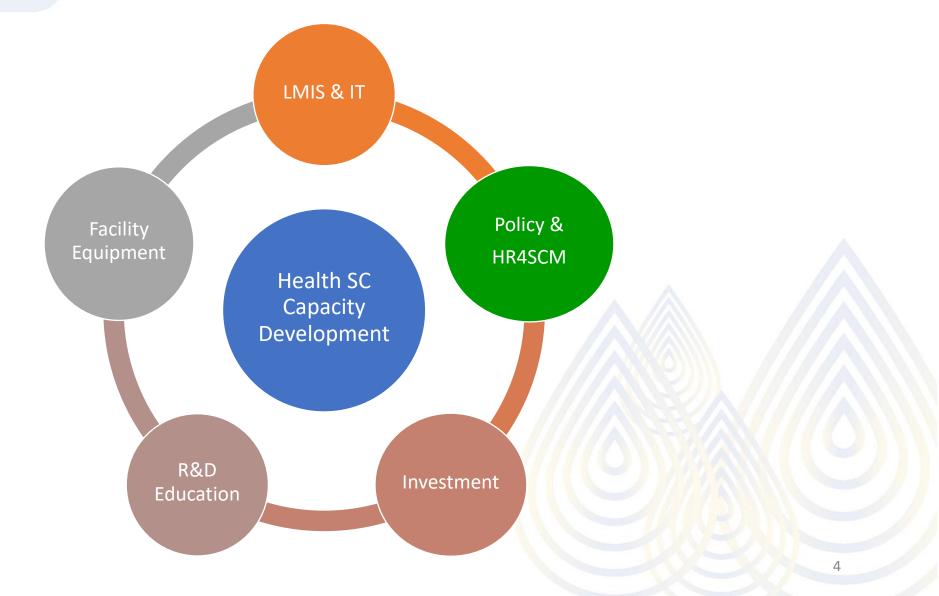
Source: The JSI Framework for Integrated Supply Chain Management in Public Health



Components for capacity strengthening



















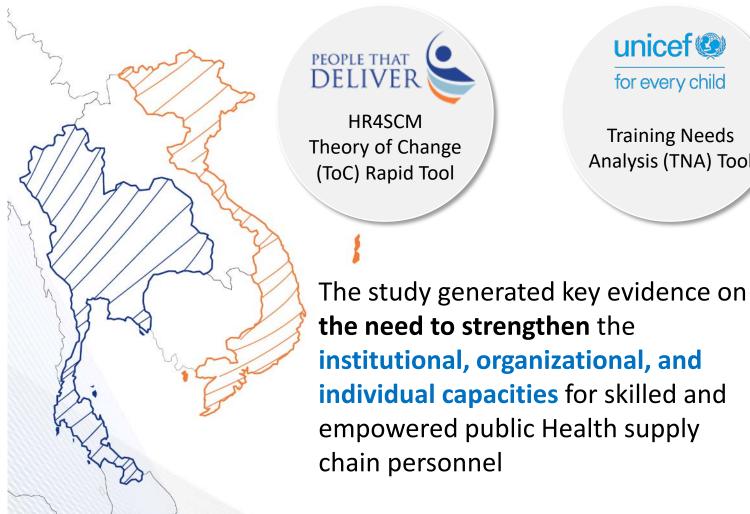
Human Resources for Supply Chain Management
Theory of Change
Rapid Assessment and Training Needs Analysis



Study overview









HR4SCM Theory of Change (ToC) Rapid Tool



Training Needs Analysis (TNA) Tool

National Public Health Supply Chain Ecosystem

- National Health Sector Development Plan
- Public Health supply chain organizational structures and operations
- Human Resources for Health Policy and strategy
- Public Health Supply Chain key stakeholders, partners, and CSOs

HR4SCM

- Staffing
- Skills
- Working conditions
- Motivation

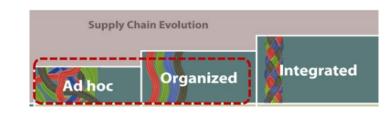
TNA

- Public Health Supply Chain Workforce Skill mapping
- National Health Supply Chain training master planning
- Competency gaps accross Health Supply Chain functions
- Pre-service and in-service training opportunities

HR4SCM and TNA report including recommendations for interventions and training plans



Key findings of HR4SCM



Articulation of the health supply chain system and health priorities

- MOPH is the main key player.
- There are 5 Health Priorities.
- Current SCM is between Ad hoc and organized stages.

Capacity for planning and managing human resources for health

- There is a People Excellence Strategy.
- No specific plan or management on HR4SCM
- No specific mention on workforce for supply chain

♣ Level of investment made for effective HR4SCM and competency-based training

- 4 Excellence Strategies from MOPH
- No evidence on expenditure of health workforce in SCM
- No evidence of competency-based trainings
- No reference to any health SC competency framework

Training needs and training capacity in country to improve supply chain performance

- Trainings and degrees (HA and Mahidol University),
- Short-terms and long-terms programs (NVI and LogHealth)



The Current situation of HR4SCM





Government-led

National

- Aware of the importance of logistics but still manual
- About to move forward to systematic management but no fully support logistics HR department, No tools

Sub-national

- GOV owned organization tend to be aware of but no action plan
- No supply chain position, OJT, work overload, classic problems in inventory and transport

District and Health Facilities

- Professional skills, e.g. nurse, pharmacist, need to play logistics role
- HR4SCM is available at **unit own expenses**

Private sector

Private Sector

- Awareness is evidenced and OJT and action plan are provided
- HRD is necessary





Key factors to consider





Critical gaps

- National Logistics and SC strategy is mainly focused on industrial sector but <u>not</u> on healthcare sector
- Fragmented supply chain system across the various health programs
- There is certain level of central coordination unit but <u>not</u> focus on health supply chain
- In healthcare system, there are only strategy and policy to support HRH but not HR4SCM
- No HR4SCM plan no Health SC positions in the public health system
- No Health supply chain professionals
- Public health supply chain training is available, but the expenses are on the hospital's own expenses

Opportunities

- Development partners and stakeholders acknowledged the importance of a strong supply chain system
- Global health security requires robust supply chain Covid-19 pandemic
- Local champions in Thailand: Mahidol University, and MOPH

The current status (Driving to the plans)

A MOPH committee in health IT which logistics in one of the backbones.

A Research program enforcing healthcare logistics by National Research Council of Thailand (Research to policy)

- A healthcare logistics training program with certificate by Healthcare Accreditation Institute, MOPH
- MAHIDOL curriculum in healthcare supply chain

No health industry in the National Logistics Masterplan

The strategic move and actions toward the goal

Take this pandemic crisis as the opportunity to propose logistics policy, specifically in medical products distributions, **and deploy** it cross-functionally



Create a logistics steering committee for health supply chain

2

Propose health logistics and supply chain to be put in the National Logistics masterplan

(in the dimension of logistics capacity building)



Recommendations and Action Plans





Stakeholder Mapping

> **Build network and** cooperation among **SC Stakeholders**

Optimize policies and plans

Promote sustainable workforce development

Increase performance and retention

Develop continuous professionalization

- Create a functional network among SC stakeholders
- Collaborate public sector, educational institute, and professional org.
- Build clus
- Promotir

Review a

- Integrate
- Develop

HR4SCM Steering Committee

ing results from HR4SCM assessment pp appropriate HR budgets egy and plan nd HR4SCM

each job description to ensure the data is obtainable

programs for SCM and establish new organizational culture

sharing

compendium for SCM

- Conduct HR4SCM rapid assessment, perform a workforce optimization exercise and review existing SOPs for SC activities
- sourcest ich descriptions and add logistic and SC position where applicable Review and
- Improve t Develop a

Health SCM Professional organization

Develop d

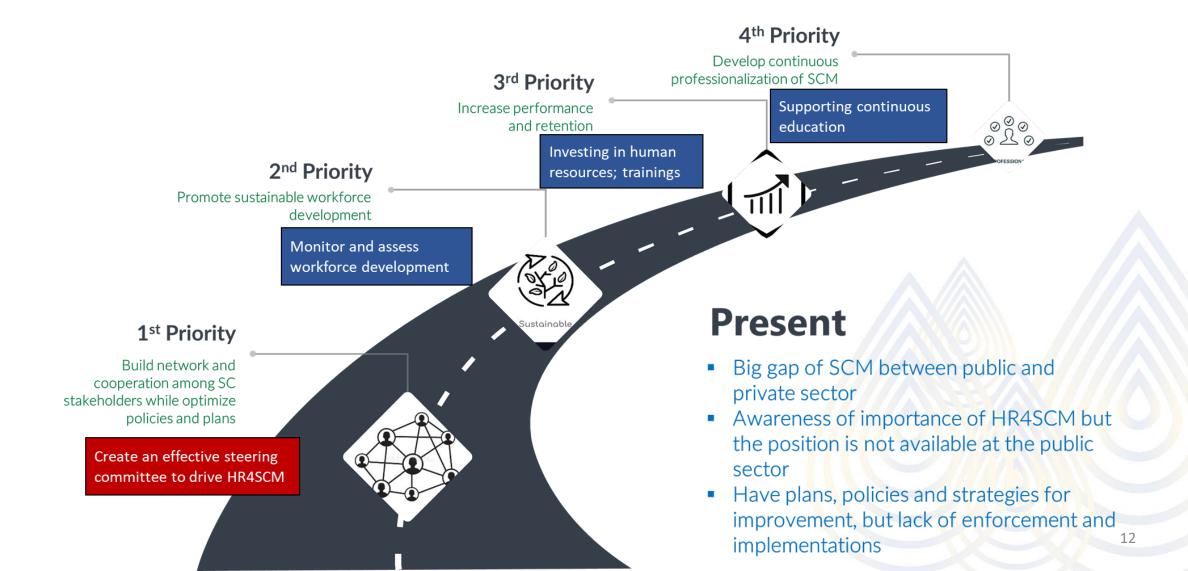
- Review JD for servi, available courses, and develop education and training plan
- programs with MOPH hospitals and healthcare industry
- Support and encourage health workforce continuous education
- Create a platform for updating policies and strategy on supply chain
- Create a social network / forum for SC workforce to share ideas, experience, which help to enhance the SC performance



Proposed Roadmap





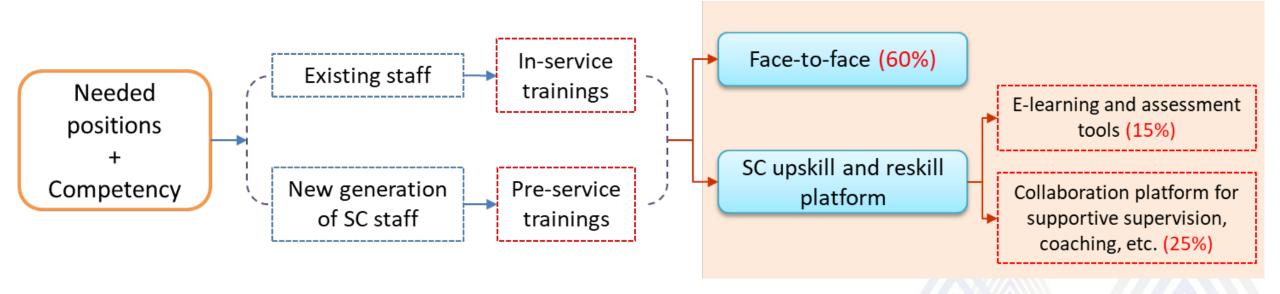




Training Strategy









Health SC Capacity Strengthen for Mass Vaccination





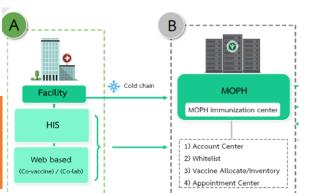


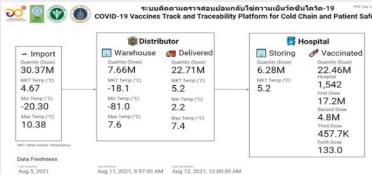
Strategic Logistics Partners Cold Chain Equipment Capacity

Clear Country level Operational guideline

"Visibility"

- Centralized Gov-led
- Research Innovation





Readiness and Upgrade





Key challenges in SC Capacity Strengthening





- Work toward increasing Supply Chain maturity level
- Health SC Ecosystem
 - People
 - Lack of Health **Policy** focusing on developing Heath SC
 - **HR4SCM** with clear workforce development, JD, and career path
 - Health SCM Professional organization
 - Systems
 - Infrastructure and facility readiness and capacity
 - Advancement of Information Technology
 - Training platform

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