

Preparedness One Health Approach

Logistics and Resources

Dr. Chadia Wannous
Coordinator
Towards A Safer World
Network (TASW)



Preparedness elements

Governance

- National policies and legislation that integrate emergency preparedness
- Plans for emergency preparedness, response and recovery
- Coordination mechanisms

Capacities

- Assessments of risks and capacities to determine priorities for emergency preparedness
- Surveillance and early warning, information management
- Access to diagnostic services during emergencies
- Basic and safe health and emergency services
- Risk communications
- Research development and evaluations to inform and accelerate emergency preparedness

Resources

- Financial resources for emergency preparedness and contingency funding for response
- Logistics mechanisms and essential supplies for health
- Dedicated, trained and equipped human resources for emergencies

Emergency Support Functions

Logistics Management	Resource Support
<ul style="list-style-type: none">▪ Material management.▪ Transportation management.▪ Facilities management.▪ Personal property management.▪ Management of electronic data interchange.▪ Planning and coordination.	<ul style="list-style-type: none">▪ Emergency relief supplies.▪ Facility space.▪ Office equipment and supplies.▪ Telecommunications.▪ Contracting services.▪ Transportation services.▪ Support personnel.

Preparedness in peace time

- Advance arrangements with government departments responsible for transport, communications, public works and the armed forces together with external agencies such as nongovernmental organizations, UN agencies and private companies
- Develop logistics management capacity to ensure that health laboratories have access to protocols, tests and diagnostic reagents to be able to identify infections

Supplies and Medicines

- The type and quantity of supplies and medicines will be determined by the nature of the hazard.
- The most critical supplies for pandemics and epidemics are those needed to prevent and treat the disease and its complications while maintaining critical non-epidemic health services.
- Standard Operating Procedures (SOP) will be developed to ensure rapid deployment of these strategic health supplies

Preparedness activities to be considered

Based on national/local risk assessments, resources and needs:

- Develop pandemic risk management plans including for health facilities, laboratories and other health services
- Plan for the increased need for antibiotics, antipyretics, hydration, oxygen and ventilation support within the context of national clinical management strategies.
- Develop mechanisms and procedures to select, procure, stockpile, distribute and deliver antivirals, essential pharmaceuticals, personal protective equipment, diagnostics tests and vaccines, when available and based on national goals and resources. Consider whether these mechanisms are adequate to conduct containment measures
- Develop a deployment plan to deliver pandemic vaccines to national and subnational distribution points within days from when the vaccine is available to the national government and develop a mass vaccination campaign strategy

Response activities to be considered

Based on national/local risk assessments, resources and needs:

- Implement vaccine procurement plans.
- Implement distribution and deployment plans for antivirals, vaccines and other pharmaceuticals, other medical supplies and personal protective equipment, according to national plans.
- Monitor essential health-related resources such as: medical supplies; antivirals, vaccines and other pharmaceuticals; health-care worker availability; hospital occupancy/availability; use of alternative health facilities; laboratory material stocks; and mortuary capacity.
- Deploy pandemic vaccine when available in accordance with national plans, priorities and vaccine availability.

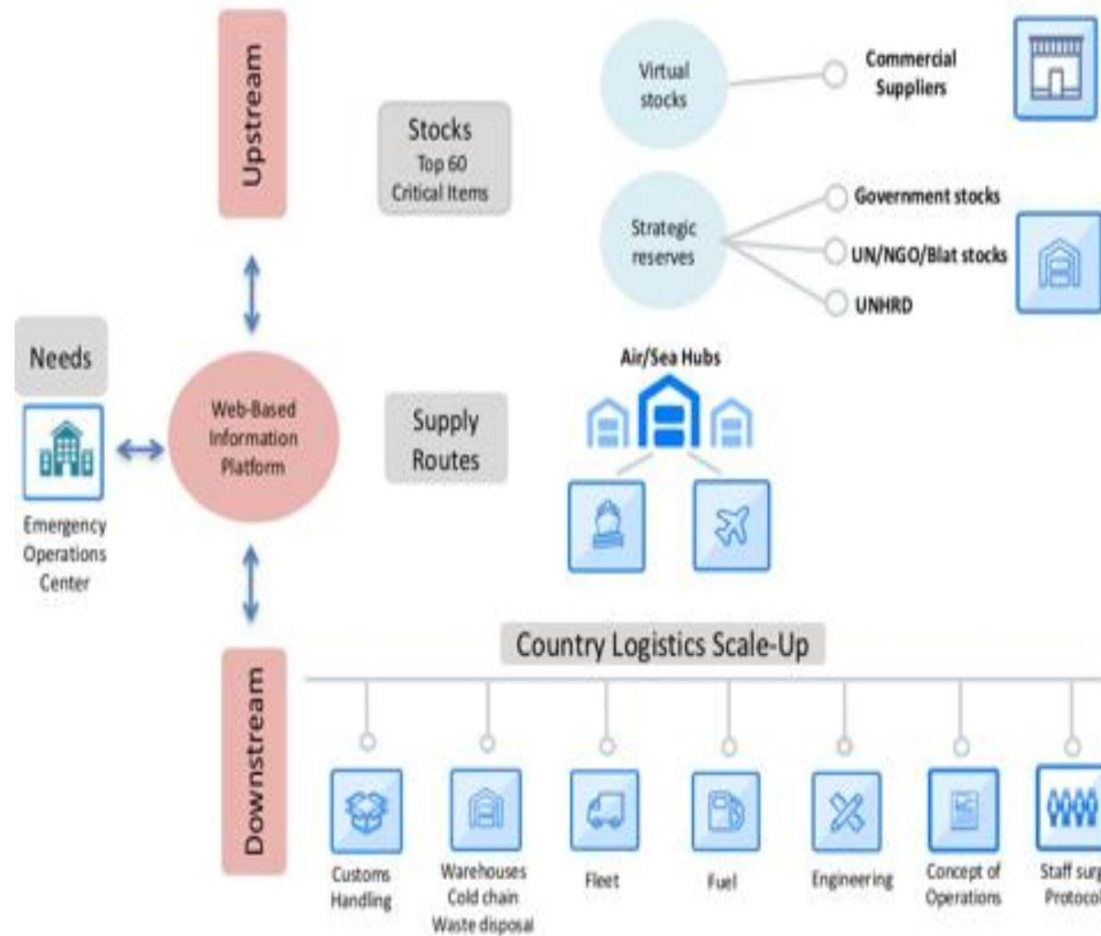
Why a Pandemic Supply Chain Network?

- **Vison:** A safer world through pandemic preparedness and response
- **Mission:** Create and sustain a global supply chain network to address Pandemics and public health emergencies of international concern (to support Member States ? And humanitarian responders ?)
- **Preamble:** The West Africa Ebola crisis and discussions at the World Economic Forum in Davos motivated private and public sector organizations to strengthen supply chain capacities for pandemic preparedness and response

The Initiative

- The Global **Pandemic Supply Chain Network** is a public-private **initiative** that seeks to increase **supply chain** and logistics capacities and develop an information platform to more equitably match supplies with demand.
- The founding members of the Network, representing the public sector, include WFP, the World Health Organization (WHO), and the World Bank, and representing the private sector, Henry Schein, Inc., Becton, Dickinson & Co., and UPS Foundation.

Health Emergency Preparedness: Pandemic Supply Chain Initiative



Health Emergency Preparedness: Pandemic Supply Chain Initiative

Top 60 Pandemic Response Items

Pharmaceutical	Health Equipment	Logistics
<ul style="list-style-type: none">• Vaccines• Rehydration fluids and distributions sets• Anti-inflammatories / pain relief• Oral rehydration salts• Antivirals• Antibiotics	<ul style="list-style-type: none">• Personal Protection Equipment (PPE sets)• Hospital beds• Examination gloves• Rubbing alcohol• Oxygen and distribution sets• Chlorine• Sample collection and transport kits	<ul style="list-style-type: none">• Goods:<ul style="list-style-type: none">• Storage units• Treatment units• Vehicles (trucks, cars, ambulances, motorbikes)• Communications equipment• Generators• Heavy handling equipment• Fuel, incinerators, Watsan• Services<ul style="list-style-type: none">• Transport + Handling (Passengers and Cargo)• Construction / Engineering

Recent developments

9 March 2017

Innovative Supply Chain Information Platform Will Help Prepare For The Next Pandemic

TOKYO - The United Nations World Food Programme (WFP) and NEC Corporation today announced their collaboration for the development of the first ever information platform to provide end-to-end visibility of supply chains for pandemic interventions, on behalf of the Global Pandemic Supply Chain (PSC) Network. The government of Japan has provided US\$1 million for the PSC Network, which will be used as seed funding for the new information platform.

Preparedness saves lives, livelihoods and economy

Dr. Chadia Wannous

Coordinator,

Towards A Safer World Network

cwannous@yahoo.com

