

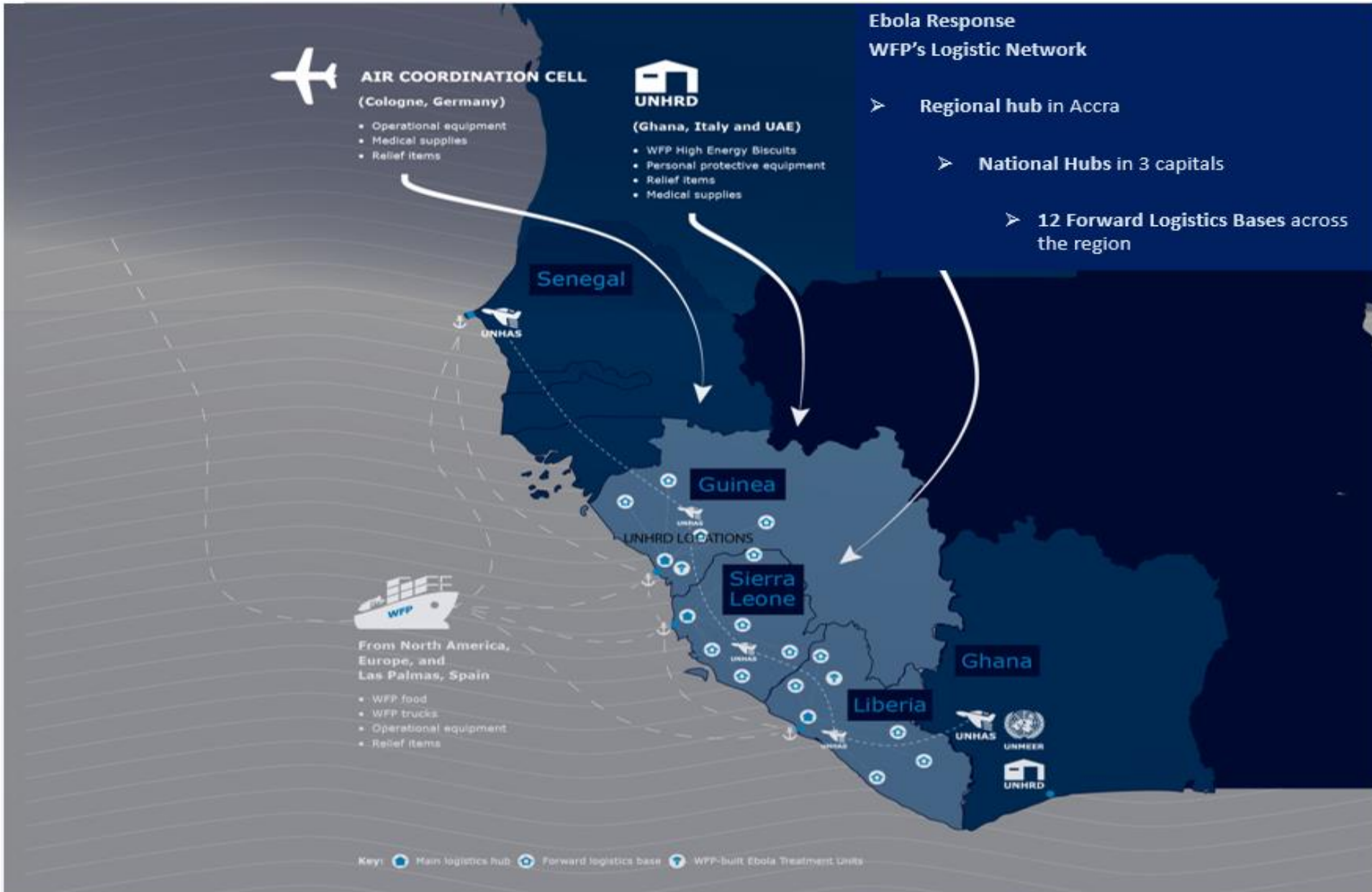


Pandemic Preparedness

Feb 2016



Supply Chain in Ebola Response



Highlighting JICA's Ebola Response in 2014

UNHRD @unhrd · Aug 26

These water tanks are flying to #SierraLeone right now for JICA's @jica_direct_en response to the #ebola outbreak



UNHRD @unhrd · Aug 31

Vital supplies being prepared @UNHRD in Ghana, ready to fly to #SierraLeone 4 JICA's @jica_direct_en #ebola response!



UNHRD @unhrd · Sep 4

Japan @jica_direct_en donates US\$150,000 worth of #emergency items stored in @UNHRD to help Liberia fight #Ebola!



UNHRD @unhrd · Sep 4

.@WFP @UNHRD using its #logistics skills to help @jica_direct_en move equipment + supplies 2 fight the #EbolaOutbreak



UNHRD @unhrd · Sep 26

Sending more supplies for the #EbolaResponse @jica_direct_en

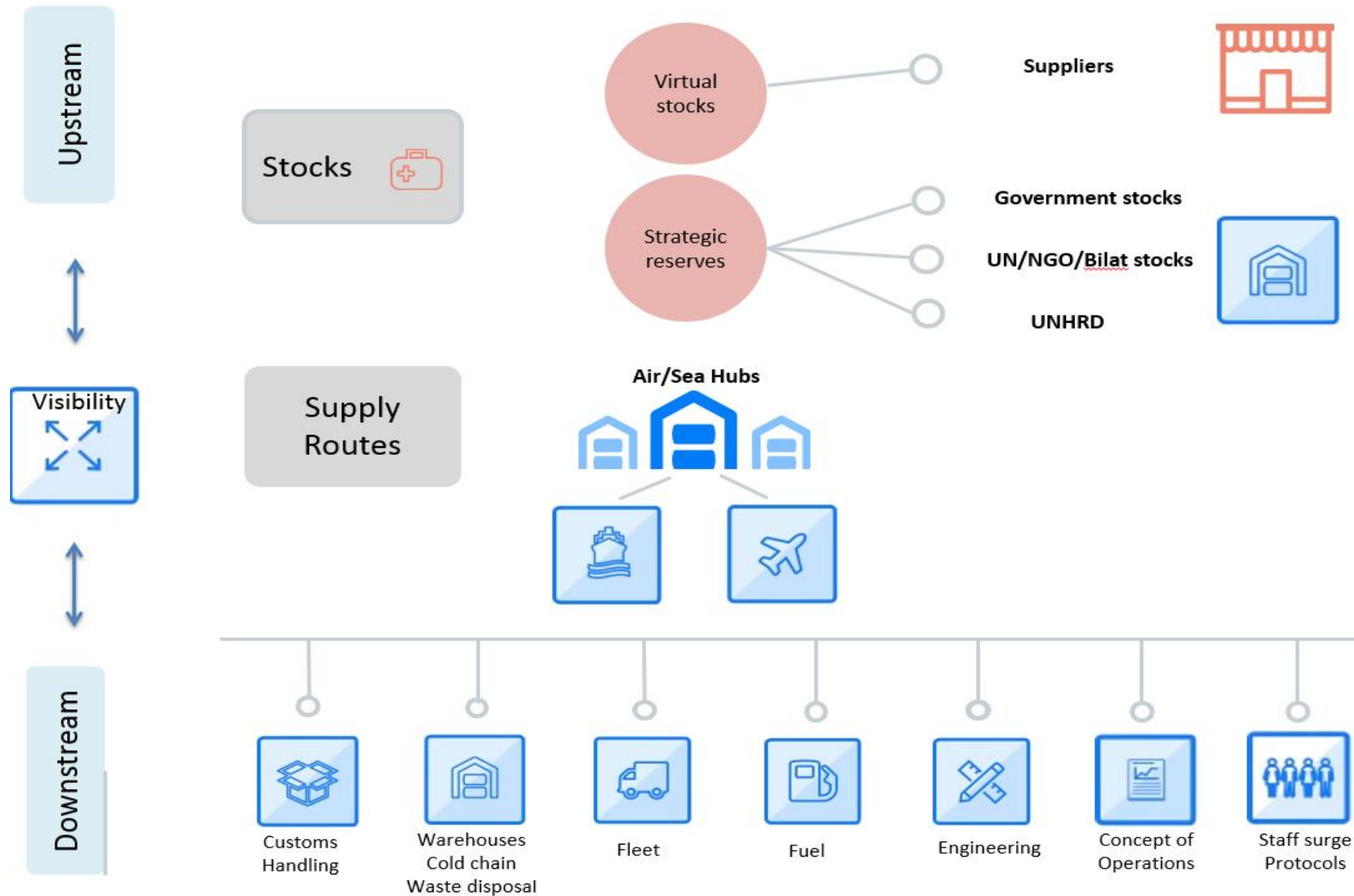


- 700,000 sets of PPEs donated by JICA.
- In partnership with WFP-UNHRD, JICA and Japan Self Defense Force, the goods were delivered to Ebola-affected Countries.

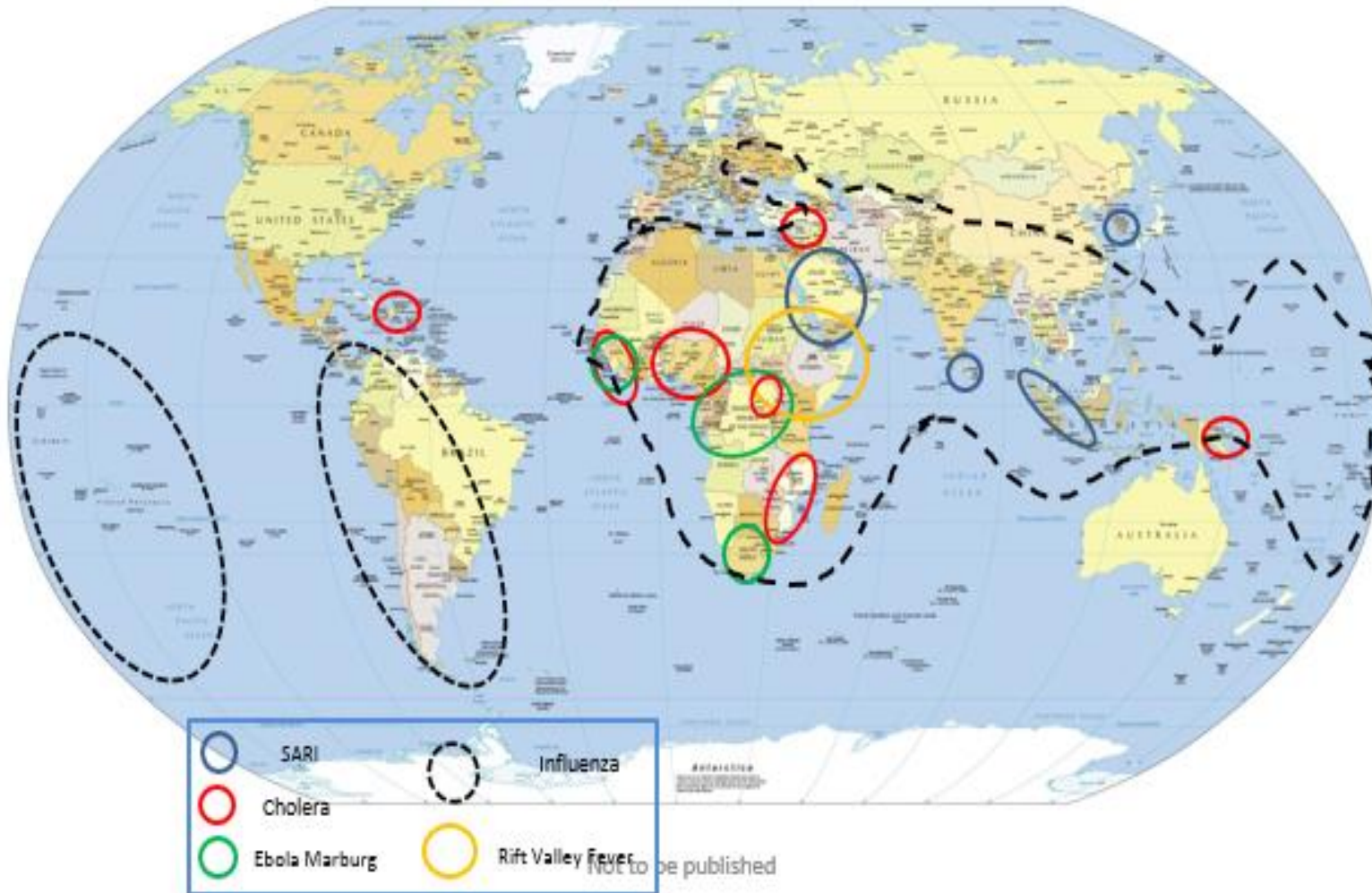
Logistics Base in Sierra Leone



Global Pandemic Supply Chain



Potential Pandemic Risk Areas



Additional pandemic risks: Botulism, Dengue/Chikungunya, Yellow Fever, Leptospirosis, Plague

Pandemic Response Items

Pharmaceutical

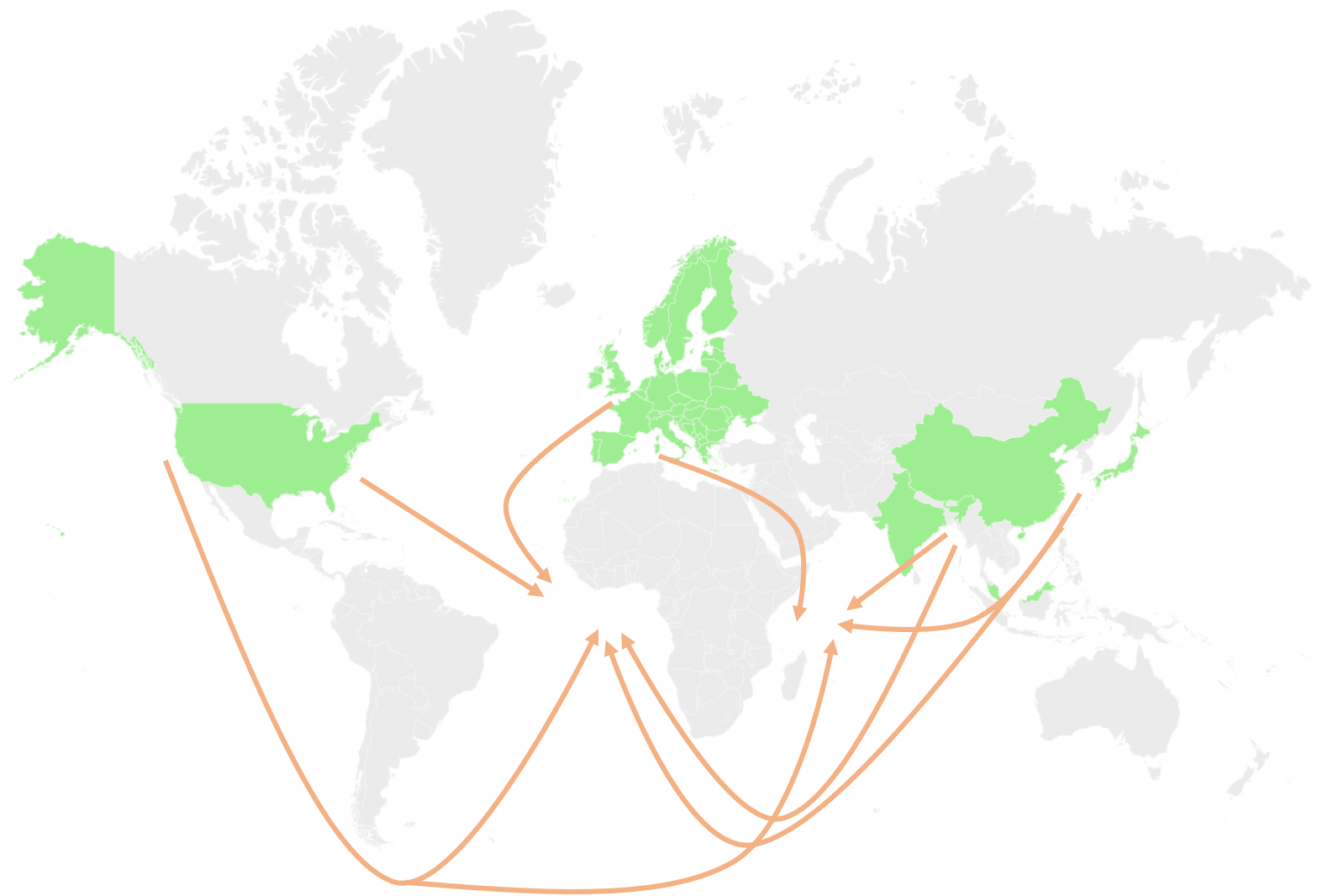
- Vaccines
- Rehydration fluids and distributions sets
- Anti-inflammatories / pain relief
- Oral rehydration salts
- Antivirals
- Antibiotics

Health Equipment

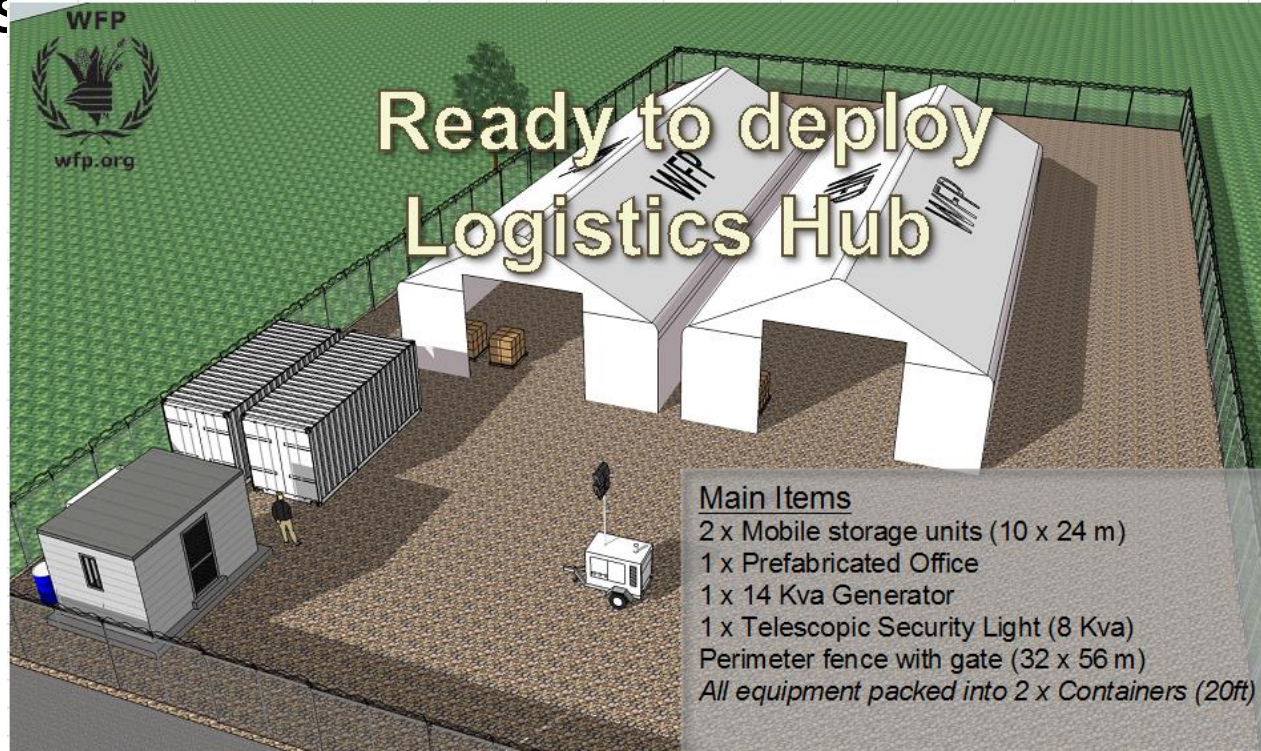
- Personal Protection Equipment (PPE sets)
- Hospital beds
- Examination gloves
- Rubbing alcohol
- Oxygen and distribution sets
- Chlorine
- Sample collection and transport kits

Logistics

- **Goods:**
 - Storage units
 - Treatment units
 - Vehicles (trucks, cars, ambulances, motorbikes)
 - Communications equipment
 - Generators
 - Heavy handling equipment
 - Fuel, incinerators, Watsan
- **Services**
 - Transport + Handling (Passengers and Cargo)
 - Construction / Engineering



UNHRD Logistics Hub Kit



Main Items

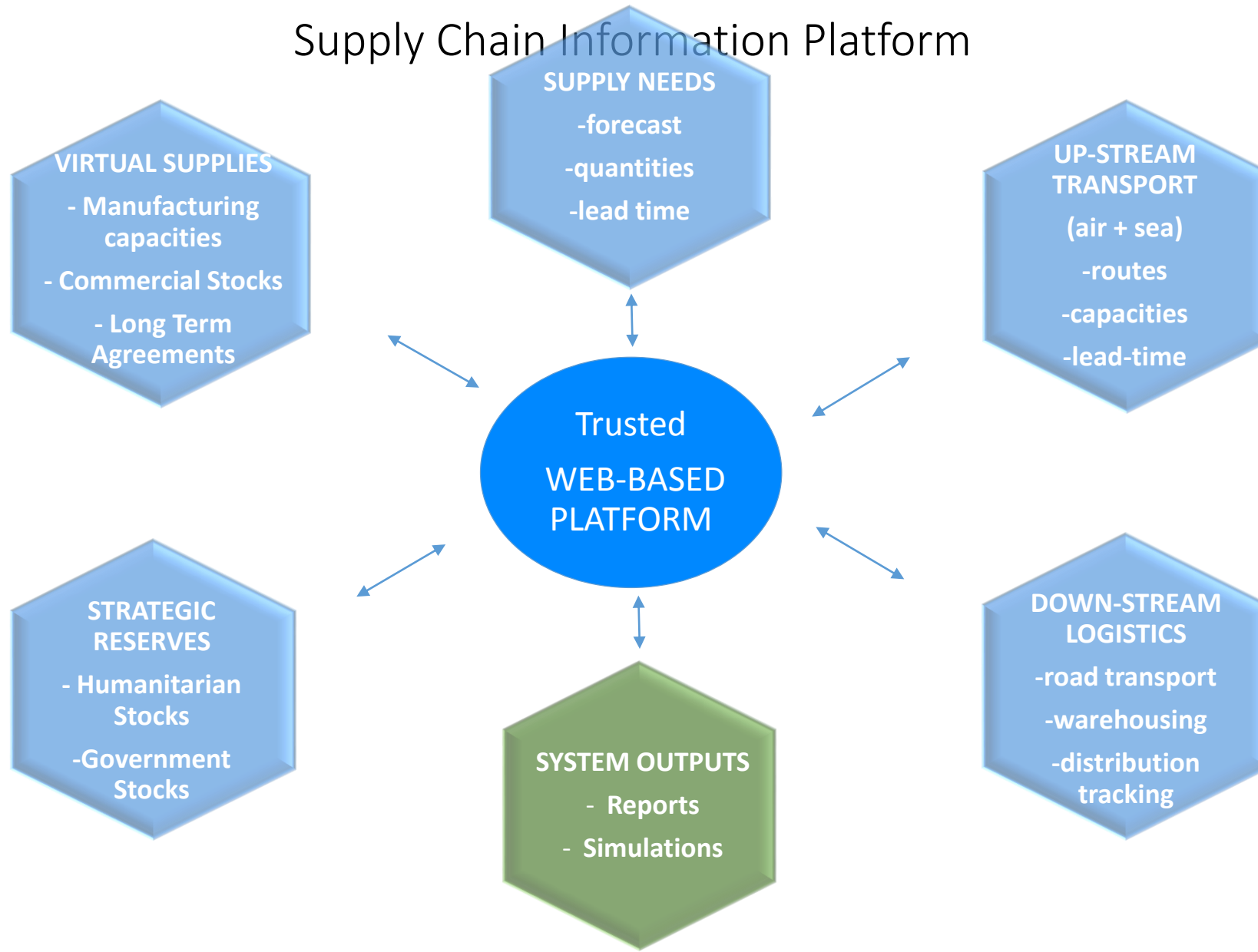
- 2 x Mobile storage units (10 x 24 m)
- 1 x Prefabricated Office
- 1 x 14 Kva Generator
- 1 x Telescopic Security Light (8 Kva)
- Perimeter fence with gate (32 x 56 m)
- All equipment packed into 2 x Containers (20ft)*

Ancillaries included in the kit

- 120 plastic pallets
- Electrical distribution box
- Empty fuel drum with rotary pump & PVC funnel
- Toolbox (Electrical)
- Cleaning equipment
- Industrial Box
- 30 gloves & 6 safety helmets

- Water Bladder (5,000L) with distribution taps
- Shovels, pick axe, machete, silicone gun, crow bar
- Lighting kit for Mobile storage Units
- Office furniture (chairs, desks, cabinet, white board)
- Extension cords, adapters, cable ties
- 4 fans (for MSU ventilation)
- 2 jerry cans
- Ladder

Supply Chain Information Platform



Public-Private Pandemic Supply Chain Initiative

- **Ebola/Davos 2015 follow-up:**
 - More attention to Supply Chain
 - Better engagement of Private Sector
- **Public-private initiative** (incl. WHO, WFP, CDC, Health Care + Logistics companies) committed to strengthen **Supply Chain for Pandemic Preparedness and Response**
- **Progress:**
 - Vulnerabilities and list of top 62 pandemic response items identified
 - Framework for Pandemic Supply Chain strengthening
 - Mission Statement and Protocol of Engagement
- **Next steps:**
 - Develop Supply Chain Information Platform
 - Map commercial production capacities and up-stream supply routes
 - Define Strategic Reserve and Down-Stream Logistics support needs
 - Expand membership and develop governance structure