



Building strong supply chain systems for health commodities – the case of Rwanda

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USAID
FROM THE AMERICAN PEOPLE



PEPFAR
U.S. President's Emergency Plan for AIDS Relief

PMI

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MALARIA INITIATIVE

LED BY



Key actors



Supply Chain Management Technical Assistance

- The Global Health Supply Chain – Procurement Supply Management (GHSC-PSM) global program is a USAID funded implemented by Chemonics International.
- The project in Rwanda supports the Ministry of Health efforts to ensure commodity availability and supply chain performance improvement at all 592 service delivery points.
- The project provides procurement services and technical assistance to the Ministry of Health and key institutions involved in the supply chain system of health commodities.

Strengthening capacity at institutional level

At the central level, the project supports forecasting and supply planning, procurement, in country storage, warehousing, inventory management, and distribution of health commodities.

- Building a coordination mechanism for procurement and distribution to perform accurate quantification and regular supply plan reviews of health commodities.
- Regularly monitoring health commodities stock levels at all levels to ensure availability of adequate quantities.
- Increasing supply chain data use at all levels to facilitate better decision-making - National digital health supply chain architecture strategy as part of long-term sustainability and country ownership.
- Advocating for regulatory environment to ensure the quality and safety of health commodities.

Strengthening capacity at services delivery points

At the district level and service delivery points (SDPs), the project uses a Quality Management Improvement Approach (QMIA) for capacity building and improving supply chain performance and monitoring across all supply chain functional areas.

- Oversight at all 30 regional warehouse and 592 health facilities to strengthen data visibility and availability of health commodities.
- Collection, triangulation, and analysis of logistics and patient data to track the treatment scale-up and inform adjustment of supply levels as well as trigger resupply actions to prevent any stock imbalance.

Strategy & Planning

- National supply chain system assessment
- Supply chain institution business strategic plan
- National pharmaceutical sector strategic plan development
- Supply Chain Management (SCM) training modules for health facilities and district levels
- Coordinated Procurement & Distribution System governance document
- Regulations and guidelines to regulate registration, Good Manufacturing Practices inspection, pharmacovigilance, and clinical trial functions.



Forecasting and supply planning

- Coordinated Procurement Distribution System (CPDS) Governance document
- Annual Forecasting and Supply Planning for all health commodities
- Quarterly supply plan reviews to monitor the consumption trend
- Monthly stock status review to inform decision making
- Training on quantification principles and utilization of tools
- Working with in-country to track stock with expiry and propose redistribution plan



QUANTIFICATION
ANALYTICS
TOOL

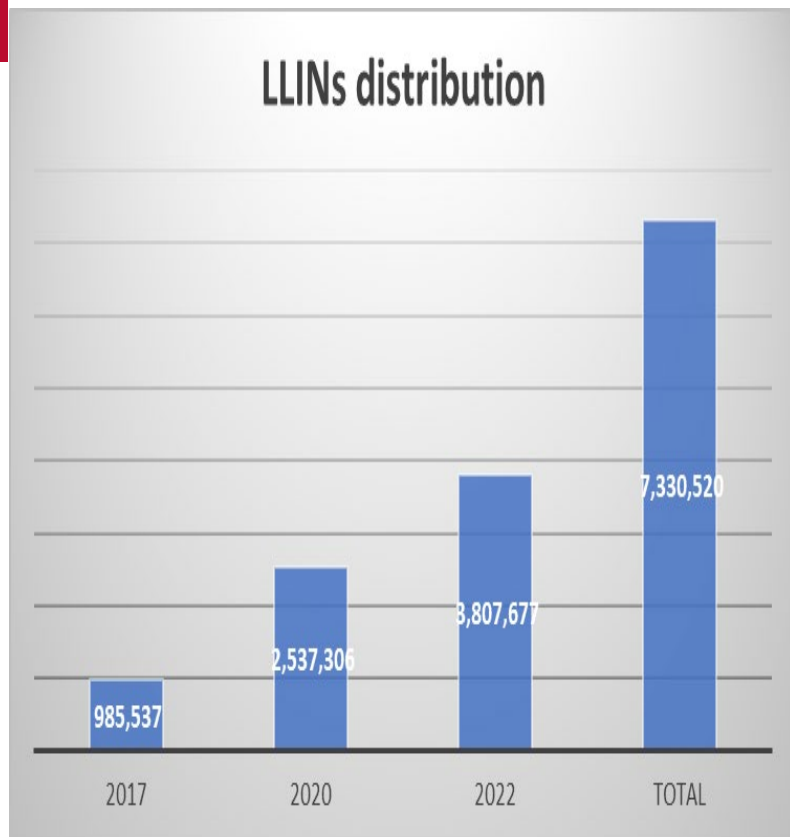
Procurement



Procurement of health commodities:

- Antiretrovirals
- Laboratory commodities for HIV/AIDs testing
- Tuberculosis Preventive Treatment
- Antimalarials (Artemisinin Combination Therapies)
- Long Lasting Insecticidal Nets (LLINs)
- Contraceptives (orals & implants)
- NCDs and RMNCH equipment
- COVID 19 related products
- Recall and disposal of legacy products

Distribution



Over 7 Millions LLINs distributed at the health facility, with 72% of those distributed through mass campaign

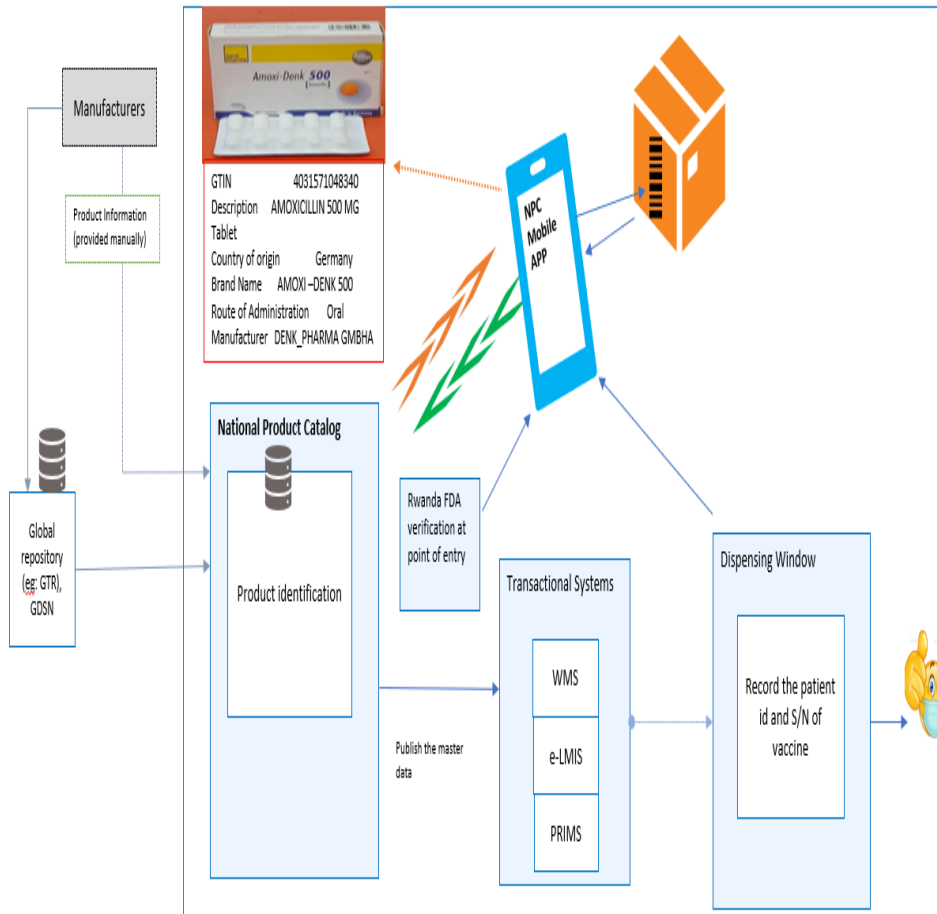


Warehousing & Inventory management



- Standards operating procedures (SOP) and manual
- Warehouse capacity optimization
- Activity Based Costing (ABC) to track down supply chain costs


Management Information System



- National Vision and Strategy for pharmaceutical traceability leveraging Global Standard (GSI)
- National Product Registry/Catalog
- Electronic Logistic Management Information System (eLMIS) used at Central medical stores (3), Referral hospitals (8), Specialised hospitals (4), Provincial hospital (4) District hospitals (40), Health Centres (510)
- Quality Management Improvement Approach supervision for data quality and capacity building support

Support supervision visits at health facilities





The USAID Global Health Supply Chain Program-Procurement and Supply Management (GHSC-PSM) project is funded under USAID Contract No.AID-OAA-I-15-0004. GHSC-PSM connects technical solutions and proven commercial processes to promote efficient and cost-effective health supply chains worldwide. Our goal is to ensure uninterrupted supplies of health commodities to save lives and create a healthier future for all. The project purchases and delivers health commodities, offers comprehensive technical assistance to strengthen national supply chain systems, and provides global supply chain leadership. For more information, visit ghsupplychain.org.

The views expressed in this presentation do not necessarily reflect the views of USAID or the U.S. government.