USAID eSCMIS PROJECT OVERVIEW

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USAID Electronic Supply Chain Management Information System (eSCMIS) project

Date: August 2023

OUTLINE
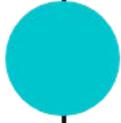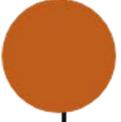
1. General Overview – USAID eSCMIS Project

Prime:

Partners:

- **John Snow Health Zambia (JSH)** Limited is the prime contractor for the USAID eSCMIS Project.
- Subcontractors and their roles include:
  - **John Snow Inc. (JSI):**
    - Capacity building for technical and operations/finance for JSH.
    - Incorporated into overall technical approach.
  - **Churches Health Association of Zambia (CHAZ)**
    - Management of staff at 3 ZAMMSA hubs, technical staff at Lusaka office for program management and software development.

Project Goal

Ensure appropriate quantities and quality of health commodities are available at health facilities to meet patient demand with the end public health impact of increased use of health services, decreased burden of disease, and increased quality of life for the Zambia public.

Project Objectives

1. Implementation of a next generation eSCMIS (eLMIS Suite)
2. GRZ able to independently make data-driven supply chain decisions
3. GRZ able to take ownership of its data and reporting mechanisms

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2. Highlights: Achievements

01 Coverage

- ELMIS CE 100% national coverage (2984)
- ELMIS FE 54% of all active and high volume facilities (1605)

02 Continuous Improvement

- Addition of TB and ACT Drug dispensations
- Community Health Worker Android App for eLMIS FE
- Monthly Releases of eLMIS FE (current Version 4.3.5)

03 Capacity Building

- High level of Participation/leadership by MOH champions conducted 77% of FY23 trainings
- Training 4929 of various cadre of MOH staff between 2020 and 2023
- Rolled out IMPACT Team Strategic plan to 49/116 districts

Overall ELMIS FE Scale-up (1605)
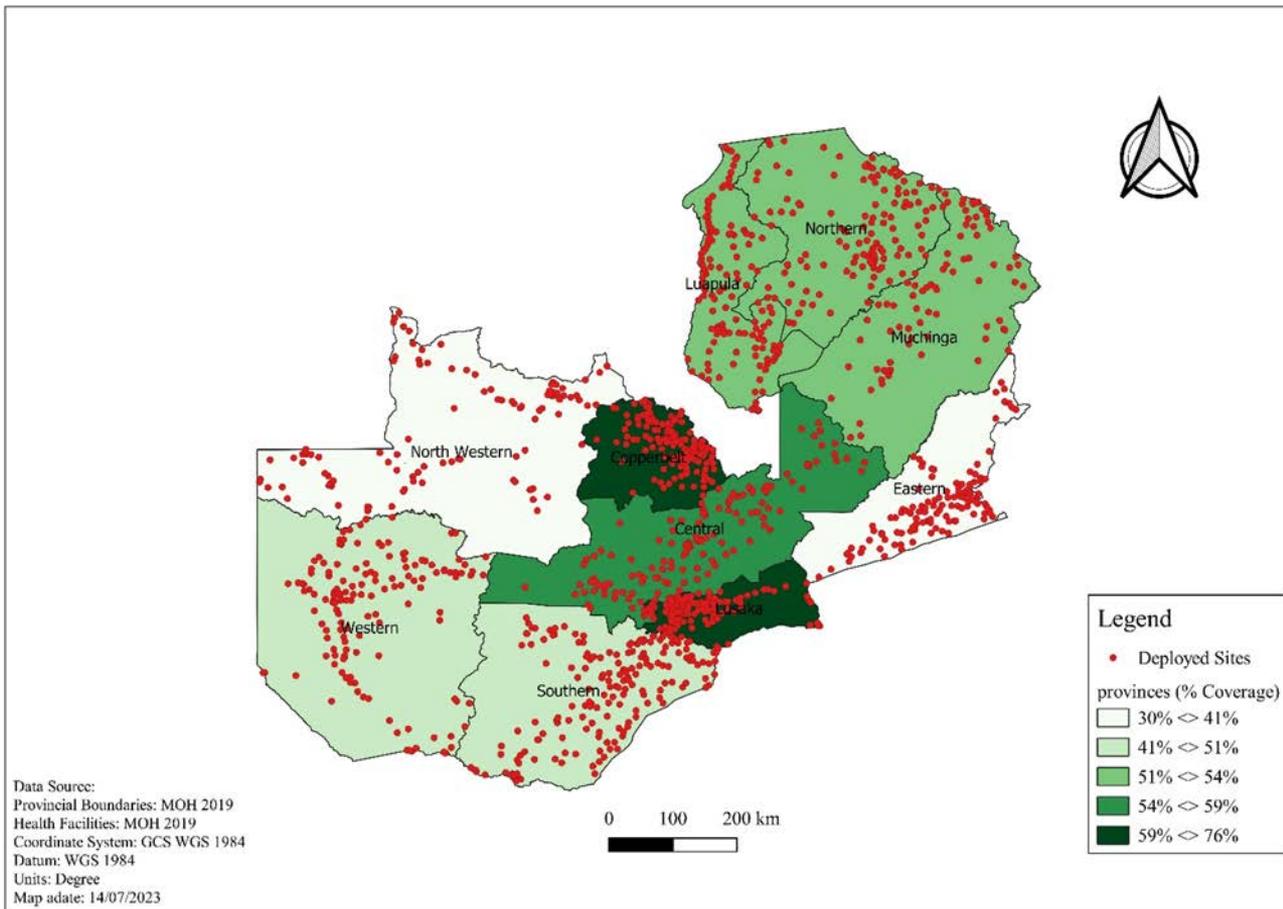
- LAN Installation
- Computers and System Installation
- Training/handover

eLMIS Features

GIS

APIs for integration with SmartCare Plus, Warehouse Management Systems, etc

GS1 Complaint Barcode Scanning

Reports/ Dashboard

Android App Community/outreach Data Sync

eLMIS SC LOGISTICS DATA WAREHOUSE

Stakeholder Access

Medical Equipment Management

Web Based Data Entry and Data Uploads
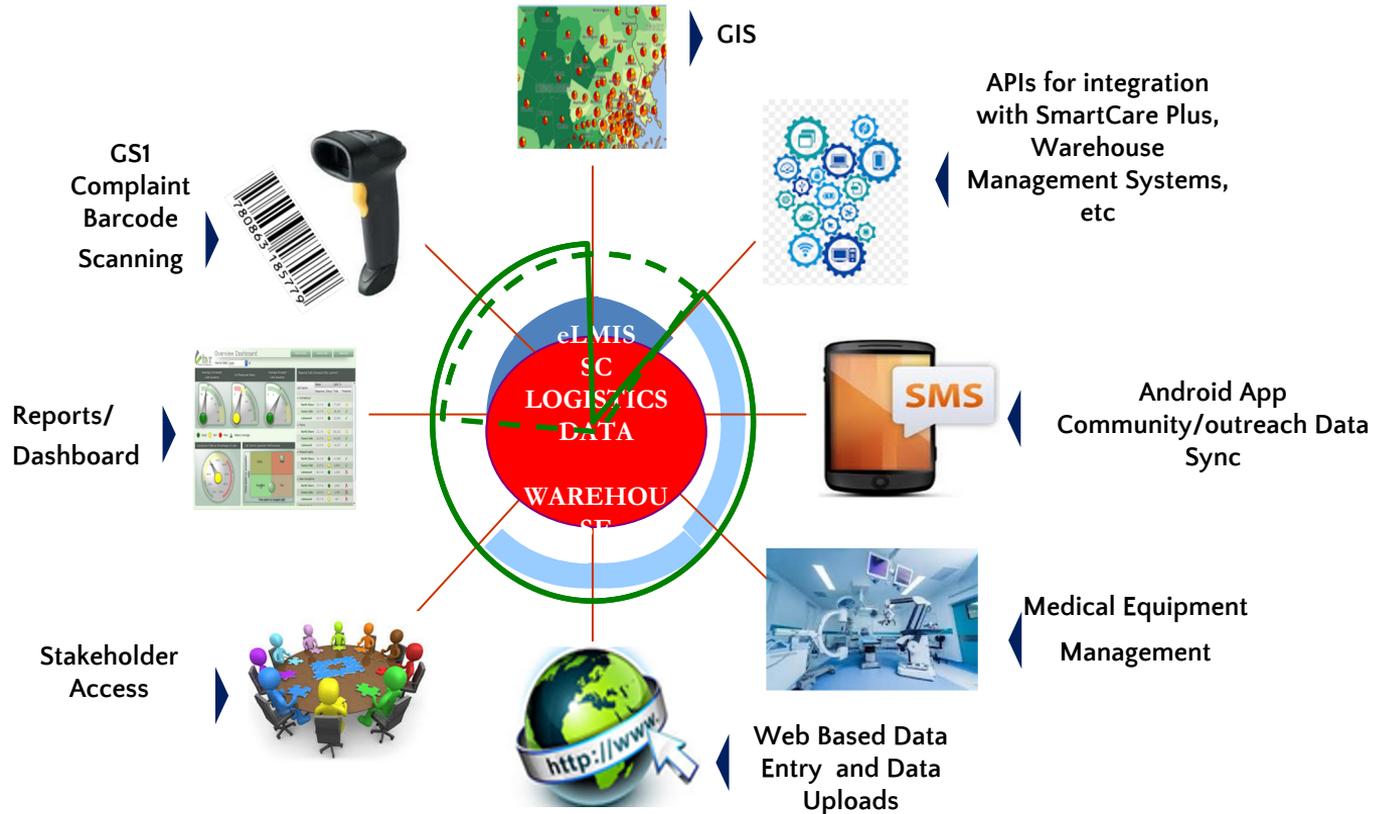
3. Challenges

1. Many rural facilities off-grid

2. Poor Internet coverage in Rural facilities

3. Still at User testing Phase of Integration between Scare+ and eLMIS

4. Incomplete Integration with WMS/ERP by ZAMMSA

5. Incomplete implementation of IMPACT/Data use teams Strategy

4. Innovative/ Mitigation Approaches

TV White Space Trial Preps with MOH for Cheaper and Sustainable Connectivity

Deploying solar solutions at off-grid facilities

Initiated SmartCare/eLMIS Integration with IHM and MOH

Empowering MOH champions enabled the project to achieve & exceed targets during COVID-

5. Why eLMIS

Faster, easier, and more accurate reporting of data

↓

Better data visibility for managers

↓

Better decisions regarding stock levels

↓

Reduced stockouts

↓

Better health outcomes

Benefits of eLMIS

Improves supply chain cost-effectiveness

Increases accountability

Improves data quality and decision-making

Provides current and historical data

Reduces workload for health staff

Interfaces with other e-tools

6. Technical Assistance Priorities

Consolidate Supply Chain Performance Achievements: More Technical Support Strengthening

Data use strengthening: Implement advanced analytics and Data Visualization

Data accessibility: Complete key Interoperability initiatives

Technical Assistance Priorities Cont..

Resource Mobilization:
Solar and TV White Space broadband Implementation

Re-engage MOH Management on Sustainability commitments

Post-COVID-19 acceleration amidst limited financial resources

Identify sustainable placement for IMPACT team implementation and management

7. Data Analytics and Visualization

ELMIS CE Operational and Strategic Reports/Dashboards

National Data Warehouse Initiative – In progress: Led by MOH ICT/Data Team

Advanced Supply Chain Analytics Platform – Advanced stage: To be launched Within 2023

Zenesys (ZHAP) Analytics for Key Health Indicators

THANK YOU

Presentation Outline

1. Project Overview

1. Current Environmental Health and Climate Risk Management project interventions

1. Going Forward

1. Project Overview

Award type: USAID Cooperative Agreement - June 2021 to June 2026

Implemented by: John Snow Health (Prime); JSI, PharmAcess, Media 365; Mopani Mine

Geographic Coverage:

FP/RMNCAH-N Services & Products
- Lusaka, Southern, Copperbelt, Central

**HIV/TB Prevention & Treatment**
- Copperbelt, Central

Social Marketing
- National

Cross Cutting
Environmental Health, Quality Improvement, Social and Behaviour Change
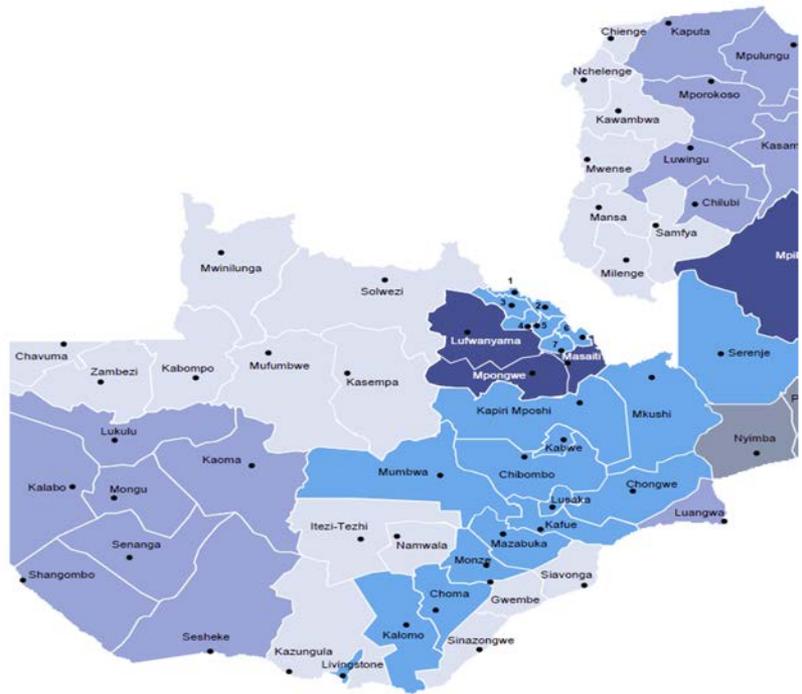
Project Goal, Objectives and Approach

Goal: Improve the capacity of the private sector to sustainably deliver high-quality products, services & information

Increase demand for services and adoption of healthy behaviours

Strengthen the enabling environment for private health sector actors

Sustainably expand availability and accessibility of high-quality health services & products

Total Market Approach (TMA)
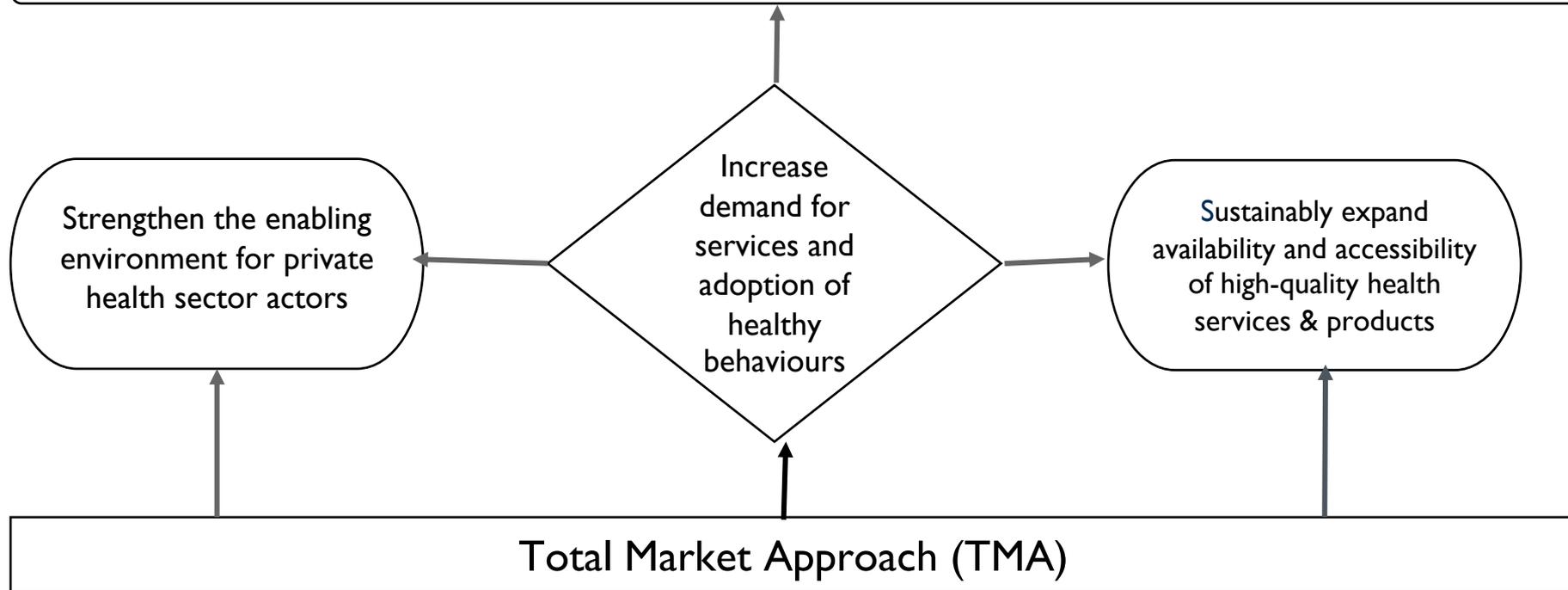
Overarching Strategy - Total Market Approach (TMA)

USAID ZAM-Health employs a (TMA) framework, a system in which all sectors — public, subsidized, and commercial — work together to deliver health choices for all population segments.

The goal is to ensure that those in need are reached with the appropriate products and services:

- those with _no ability_ to pay receive free products/services,

- those with _slightly greater_ resources benefit from subsidized products/services, whilst

- those with a _greater ability_ to pay purchase their products and services from the commercial sector

- For the private sector to reach more people, there is need to increase affordability and access to reach underserved population, as well as shift some

Key Results so far

- Capacity building in FP (LARC methods), MNCH, SBC, HIV (ZCG, AHD, TPT), QI (Safecare), EH & CRM (IPC-EM),
- Quality assessments (over
- Access to Treatment guidelines,
- Strengthening reporting systems,
- Linkages with MOH and MLG

Key Results so far

- Facilitated the formation and launch of the Healthcare Federation of Zambia(HFZ).
- Umbrella body of six(6) Healthcare Provider and ten(10) Professional Associations
- ZMA is a founding member of HFZ
- Formation of 8 PS District Level Associations.
- Onboarded 207 PS Facilities (i.e.Hospitals,Clinics,Pharmacies/Chemists)
- Sold over 25 million condoms (Ultimate and Maximum)

Environmental Management

- The USAID ZAM-Health project integrates Environmental management as a cross-cutting theme in activity implementation to strengthen climate resilience, environmental protection and compliance to existing legal provisions. Through the Environmental Mitigation and Monitoring Plan (EMMP), the project takes full stock of all potential impacts on the environment which could arise from supported health services in the private sector.

2. Current Environment and Climate Risk Management

Key Highlights

- Climate Change affects cost, equity, access and quality of healthcare services

- Contributes to an increase in health conditions (Shanoor et al, 2022)

- With MOH and local governments, trainings, linkages for supported private sector and government staff in Infection Prevention and Control (IPC), Environmental Health (EH), and Climate Risk Management (CRM)

- ZAM-Health: Monitoring Climate risk management in PS supported facilities. Over 95% of facilities initially unaware of CRM

3. Going Forward…

3. Environmental & Climate Risk Management upcoming Activities

- Capacity building in Climate Risk Management to address skills, emergency planning gaps and resource allocation;

- Sustain routine EM/CRM Compliance monitoring, technical support and supervision in the private facilities to scale up uptake of climate smart energy and waste management options;

- Continue to work with government and private health facilities to hold Climate-smart waste and energy management media briefs;

- Participation in EH and medical TWGs, scientific conferences

THANK YOU!