

# Accelerating Adoption of Global Data Standards in “Rest of World”

GS1 Global Healthcare Conference  
Bangkok, Thailand  
October 2018



**USAID**  
FROM THE AMERICAN PEOPLE



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



**USAID**  
FROM THE AMERICAN PEOPLE

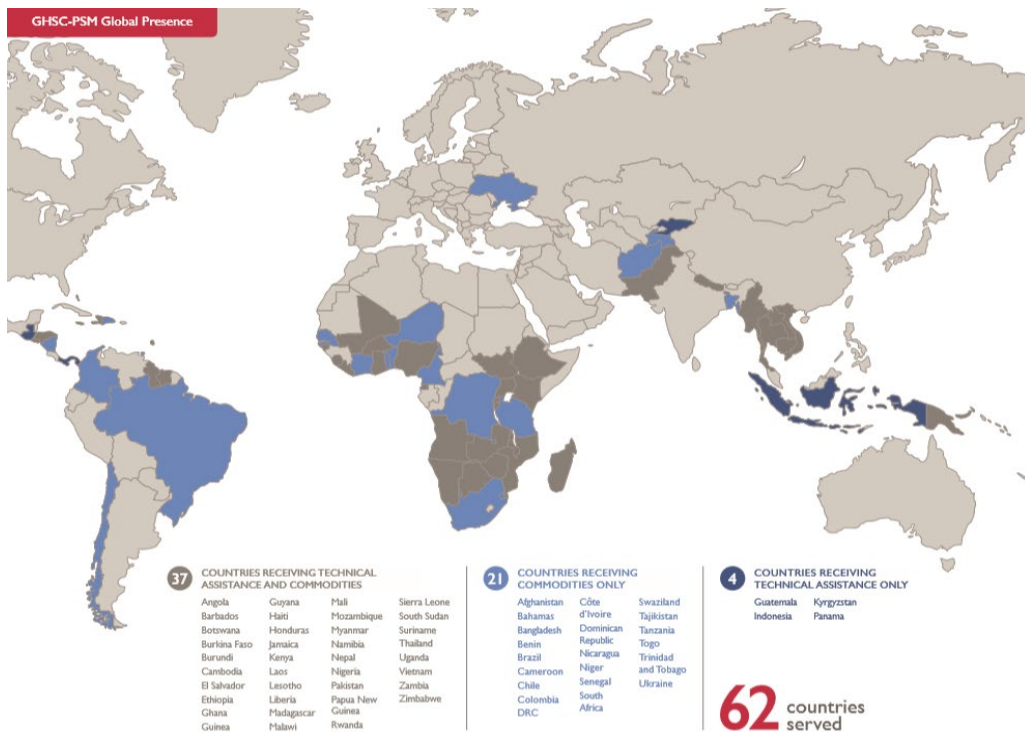


U.S. President's Malaria Initiative

# Objectives of the GHSC-PSM Project

1. To serve as the primary vehicle through which USAID procures and provides health commodities for all USAID health programs, including but not limited to:
  - HIV/AIDS
  - Malaria
  - Population & Reproductive Health
  - Maternal & Child Health/Zika
2. To provide systems strengthening technical assistance to improve supply chain management and commodity security in partner countries.

# Project Landscape



- Providing supply chain technical assistance to 41 countries
- Supporting 58 countries through commodities procurement
- Currently sourcing from 250 suppliers
- Actively sourcing approximately 4,500 SKUs















Artemether 20 mg & Lumefantrine 120 mg Tablets

Artemether 20 mg & Lumefantrine 120 mg Tablets

Artemether 20 mg & Lumefantrine 120 mg Tablets

AMH21A

### HIV Test Stock Control Card

K2 EDTA

LAB0223

VACUTAINER TUBE M

STRENGTH: \_\_\_\_\_  
(Record Level)

QUANTITY SERVED (+)	QUANTITY ISSUED (-)	LOSSES and ADJUSTMENTS	BALANCE	UNIT PRICE	NAME / SIGNATURE	REMARKS
			200		<i>Amber</i>	
			500		<i>Amber</i>	
500	300		200		<i>Amber</i>	
	200		0		<i>Amber</i>	
1600	100		1500		<i>Amber</i>	
200			1300		<i>Amber</i>	
	300		1000		<i>Amber</i>	
	30		970		<i>Amber</i>	
700			270		<i>Amber</i>	
			650		<i>Amber</i>	
3500			3000		<i>Amber</i>	
			3000		<i>Amber</i>	
			11400		<i>Amber</i>	
			11400		<i>Amber</i>	
200			9800		<i>Amber</i>	

**cutainer®**  
7.2mg  
Collection Tubes

2018 08  
7100800

www.bd.com/medvet/immunology/1188-611-010-01-400  
All other trademarks are property of their respective owners. © 2018 BD Biosciences

**BD Vacutainer®**  
K2 (EDTA) 7.2mg  
Non-Blood Collection Tubes

2018 08  
7100800

www.bd.com/medvet/immunology/1188-611-010-01-400  
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# Key Accomplishment 1: Contract Language

## ARTICLE 3. PACKING, EXPORT MARKING, PREPARATION FOR SHIPMENT AND PACKAGING

A. All Goods supplied under this Subcontract by the Subcontractor and by all applicable FDA/SRA regulations (if any), and sound customs of the foregoing, all Goods shall be packaged in accordance with international packing standards suitable to exposure to the elements, including extreme air, sea or land shipment.

B. The Supplier shall be solely responsible for international practices, which includes having a factory for the Goods and for shipping/loads for the packaging and labeling of the Goods (safeguards).

C. Packaging shall be prepared in accordance with:

(1) All tertiary, secondary, and primary (where applicable) shall be clearly labeled per Section E below and clearly indicate temperature requirements.

(2) Euro pallets (100x120) is preferable size and heat treated.

(3) Pallet height not to exceed 1.25 m (incl. pallet).

(4) Partial cartons, including those with broken cartons, shall be clearly marked on the carton as "Partial" or equivalent.

(5) Like product and batches should be kept separate. Corrugated cartons containing multiple batches are packed on the same pallet.

D. Packaging should clearly state whether implementing global standards for product as detailed below. Please see attached supplemental *Implementation Guideline* for definitions and requirements.

(1) *Identification*. GHSC-PSM requires that product be labeled as follows:

(a) Within six months of the start date of the Subcontract (or, if applicable, December 30<sup>th</sup> 2018, the Supplier must include the Trade Item Number (GTIN) for each case, inner box, each).

(b) Within six months of the start date of the Subcontract (or, if applicable, December 30<sup>th</sup> 2018, the Supplier must include the Location Number (GLN) for each location in which GHSC-PSM may transact.

(2) *Labeling*. GHSC-PSM requires that product be labeled as follows:

## USAID GLOBAL HEALTH SUPPLY CHAIN PROGRAM

PROCUREMENT AND SUPPLY MANAGEMENT

## GLOBAL STANDARDS TECHNICAL IMPLEMENTATION GUIDELINE

Product and Location Identification, Labeling, and Data Exchange

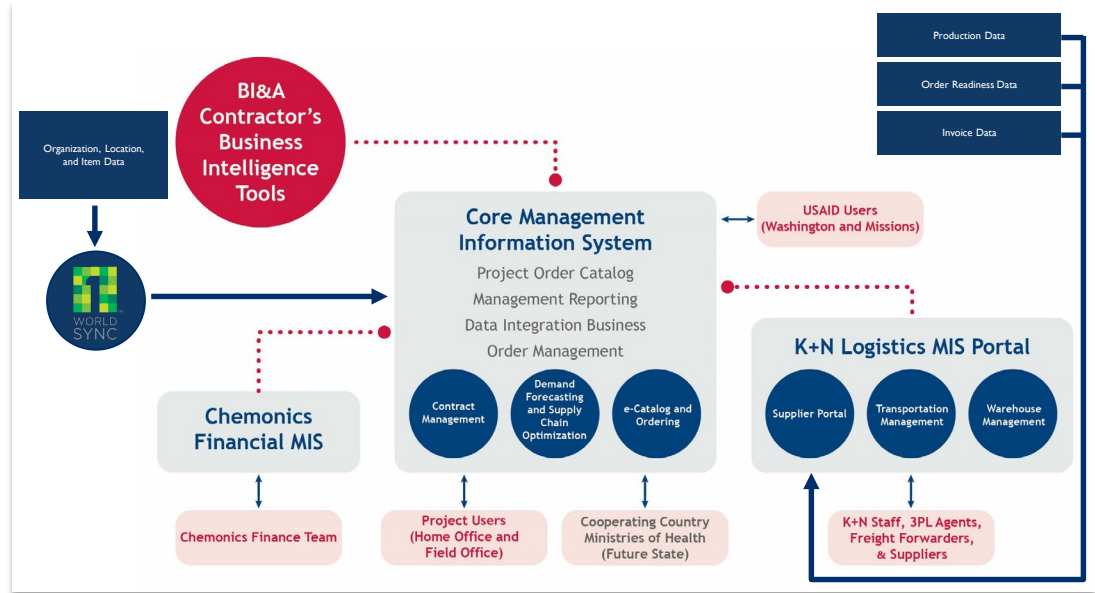
Version 1.0, January 2018



- Contract language was implemented in January 2018 and can be found in Article 3 of our standard Terms & Conditions
- Requirement is a phased approach between 2018 – 2022
- Developed a Global Standards Technical Implementation Guide and FAQ
- More information at <http://ghsupplychain.org/globalstandards>

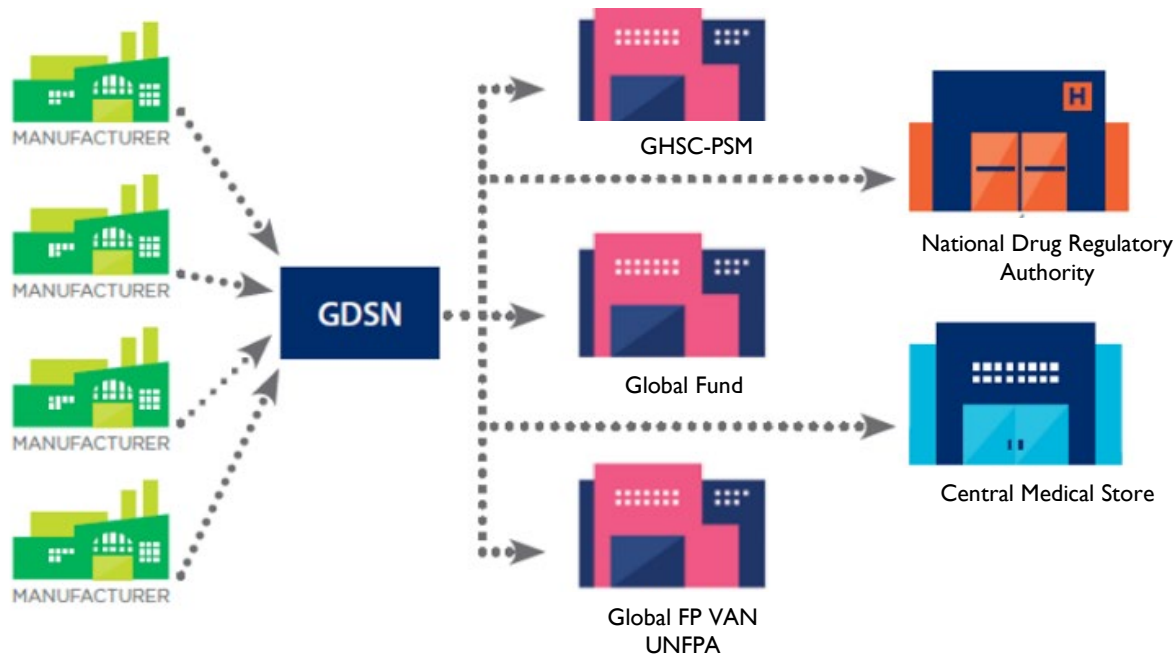
## Key Accomplishment 2: ARTMIS-GDSN Integration

- Integration with 1WorldSync successfully completed in February 2018
- Requirement for suppliers to submit master data to GHSC-PSM via GDSN by December 2019
- Developed an Attribute Guide, Data Sync Technical Implementation Guide, and FAQ
- More information at <http://ghsupplychain.org/globalstandards>

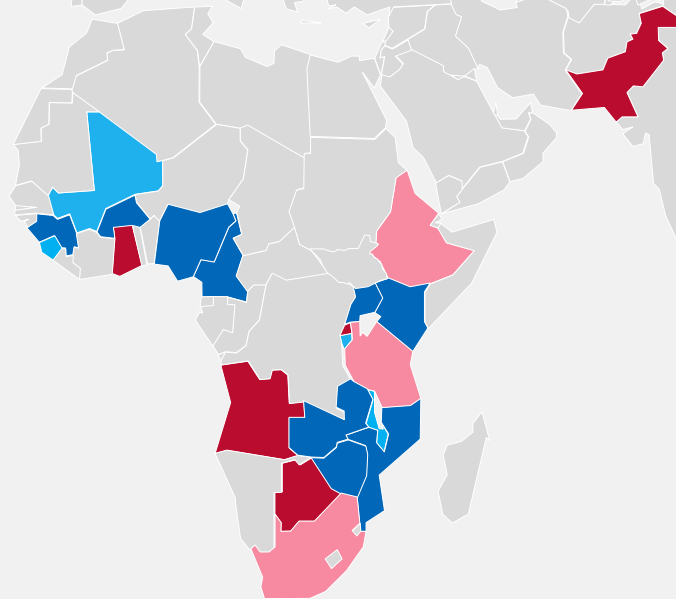


# The GDSN Opportunity for Global Health

EXAMPLE ONLY



# Key Accomplishment 3: Increasing TA Support for Global Data Standards Implementation



\*2019 still tentative

# In response to this growing demand, Ethiopia hosted the first GS1 African Healthcare Conference in May 2018

## Objective

To increase awareness of track and trace for access to safe medicines

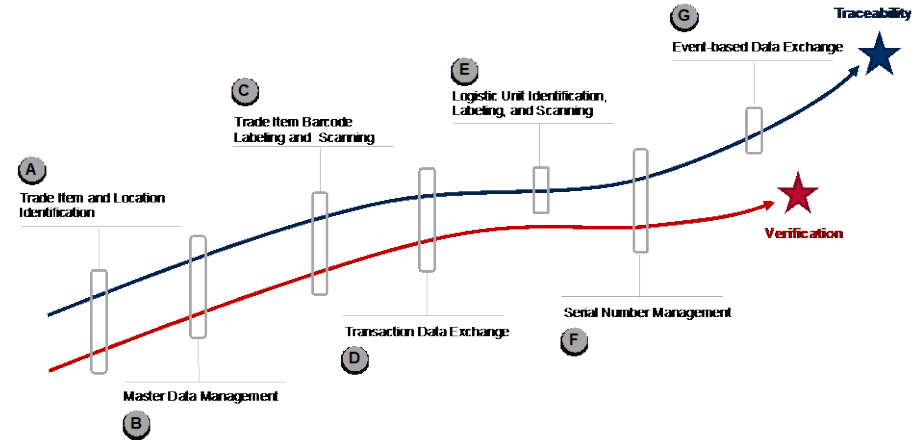
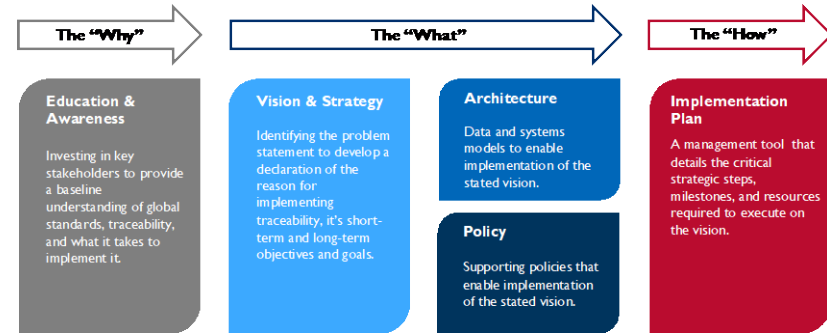
## By the numbers

- 310 participants
  - 30% regulatory authorities
  - 20% development organizations
  - 12% manufacturers
- Attended 19 African member states
  - 77% of participants were from Africa



# Country Implementation Guidance

- Developed implementation guidance targeted for the unique needs of the countries we support:
  - Limited awareness of standards
  - High risk of sub-standard or falsified (SF) meds
  - Low-resource settings
  - Government-owned public-sector supply chains
  - Low tech local manufacturing environment
- Aim to provide step-by-step guidance to support specific investment in workplans and country strategies





# Examples of Country Activities



## **Angola**

2018 – Readiness assessment for using GS1 AIDC standards in Central Medical Stores

2019\* – Support development of national traceability vision & strategy and implementation of GS1 standards in new systems (i.e. DRIS, LMIS, WMS)



## **Ghana**

2018 – Implementing GS1 standards as foundation for new LMIS system; mapping master data leveraging GTINs and GLNs; MDM and governance

2019\* – Support continued education & awareness; development of national traceability vision & strategy; engagement with local manufacturers



## **Rwanda**

2018 – Co-host workshop with MOH to develop national traceability vision & strategy

2019\* – Support organization of workstream; development and design of traceability model, and IT architecture assessment

\*2019 still tentative

## How can you support us?

- ✓ Be an advocate within your company and/or with our suppliers
- ✓ Drive continued adoption of GDSN
- ✓ Participate in donor-supported country activities
- ✓ Partner with us on pilot activities
- ✓ Review and contribute to our outputs and provide us feedback
- ✓ Use and disseminate our tools

Thank you

Asante

Murakoze

မာရ်ကုဝါ

Shukran

□□□□□□

Zikomo

謝謝您

Meda w'ase

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Cảm ơn bạn

Merci

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Obrigado

Gracias

□□□□□□□□

Grazie

Danke

Ngiyabonga

Daalu

Mange tak





**Kaitlyn Roche**

Manager, Global Standards & Traceability

[kroche@ghsc-psm.org](mailto:kroche@ghsc-psm.org)

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The USAID Global Health Supply Chain-Procurement and Supply Management project provides commodity procurement and logistics services, strengthens supply chain systems, and promotes commodity security. We support USAID programs and Presidential Initiatives in Africa, Asia, Latin America, and the Caribbean, focusing on HIV/AIDS, malaria, and population and reproductive health commodities.