

Waste Management work stream

Progress Since Last IDC Face to Face Meeting

Anafi Mataka

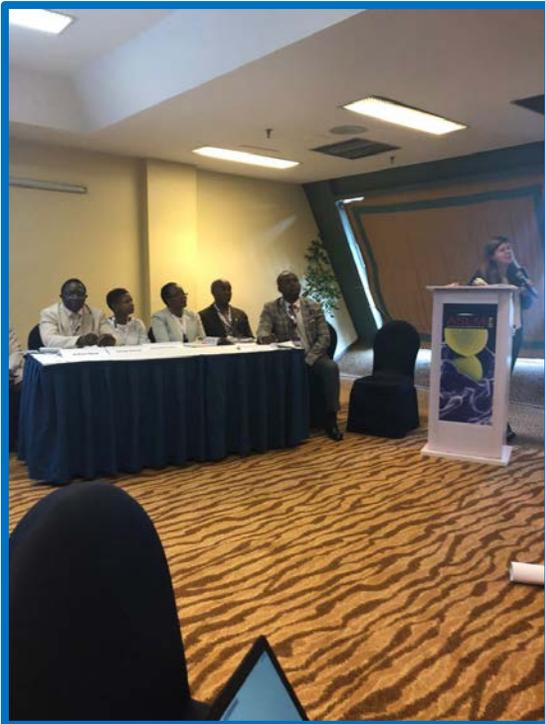
Integrated Diagnostics Consortium meeting 12-13 Sept 2019

Washington DC, USA



ASLM2018 Waste Management seminar

- Nearly 150 Participants – standing room only
- Field implementation case studies from Malawi, Mozambique and Zimbabwe
- South Africa led the way as an example of country with good national policies
- Rich panel discussions
- Formed the springboard for 2019 activities



Draft Work Plan for 2019

Component	Notes
Country Level Waste Management Needs Assessment	In progress <ul style="list-style-type: none">• Nov 2018 survey on Lab COP• WM checklist developed• Global Fund RFP
Engagement of Manufacturers	Manufacturer Asks – draft has been developed
Waste Management Conference/Workshop	Concept Note drafted, targeting major meeting LabCorp/ICASA (Full day/Evening)
Dissemination of Information - Knowledge Sharing	Waste Management Training Series WM Work Shop at ASLM2018
Sustainability	TBD

Draft Manufacturer Asks

- Draft document developed, shared for comments
- Contents
 - General requests to/expectations for diagnostic manufacturers
 - Key areas of discussion to better develop joint strategies and commitments
 - Priority actions and messages for countries, donors, implementing partners, WHO:
 - Priority actions and messages for regulators
 - **Specific Manufacturer Requests**
 - Abbott
 - Cepheid
 - Roche
 - DRW
 - Hologic
 - BioMérieux

Global Fund

- Global Fund launched an RFP for waste management
- **Purpose:**
 - Development of guidance material on waste management (“Avoidance, reduction and management of health care waste”)
 - Guide Global Fund country teams to assess countries capacities to manage waste of health products
- **Status:**
 - Consultants have finalized inception phase and submitted report
 - Modular framework of the Global Fund now contains an interventions component on waste management
- **Country requests:**
 - Nepal requested TA support for laboratory waste and sharps management. Consultants have been contacted to submit offers.
 - A draft proposal for TA support in hospital waste management in Cape Verde is being discussed.

CHAI

Overview of Waste Management Activities across CHAI/Unicef supported Countries

-  Not started
-  Discussions ongoing
-  Progressing
-  Partially in-complete
-  Completed

	Country Overview								
	 Cameroon	 DRC	 Ethiopia	 Kenya	 Malawi	 Senegal	 Tanzania	 Uganda	 Zimbabwe
National Lab Waste Management Guidelines/SOPs updated/developed?									
Incineration capacity mapping in the public sector complete?									
Incineration capacity mapping in the private sector complete?									
Short-Term Solution identified or implemented?									
Long-Term Solution identified?									

CHAI

Unitaid PoC project

- Country teams working closely with MoH to identify the best solution to ensure proper disposal of used cartridges - short term and long term solutions

ASLM webinars

- Countries learning best practices through these webinar series organized by ALSM and CDC-ILB through LabCoP

Knowledge sharing

- Developed a knowledge sharing toolkit for CHAI countries which include compilation of materials and references from ASLM webinars, seminars/conference satellite sessions and WHO blue book

Long term solutions (considerations from some countries)

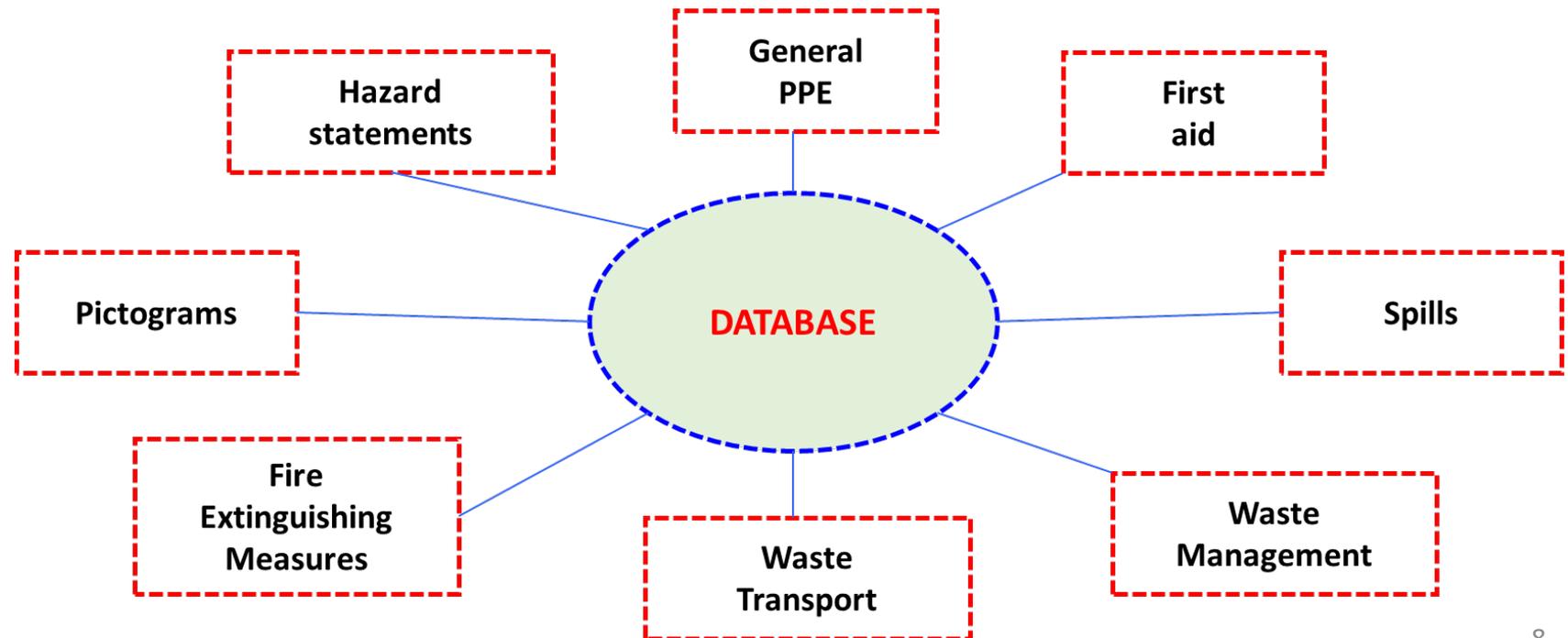
- **Cameroon:** *identified 4 hospitals with incinerators that meet the required standard. CHAI/Unicef and MoH started the engagement with CIRCB to extend the services to the GeneXpert sites from 6 focused regions*
- **Malawi:** *to leverage incineration capacity at cement factories and/or leverage the incineration capacity MoHP is planning to put in place through GF and utilize the already existing sample transport system (e.g. R4H) for waste transport logistics*
- **Zimbabwe:** *to commission two referral hospitals for proper waste incineration (proposed incineration cost to sustain the incinerator is \$2 per kg of waste (equivalent to 31 cartridges) or \$0.06 per cartridge)*
- **Ethiopia:** *CDC is placing 9 high temperature incinerators across the country and the plan is to use these incinerators for conventional and GX waste disposal. Decision on waste transport is yet to be finalized*

Site WM assessments using the newly developed IDC WM checklist

- CHAI countries that are still in the discussion phase and in the process of developing their National Lab WM policy will greatly benefit from the newly developed IDC WM checklist

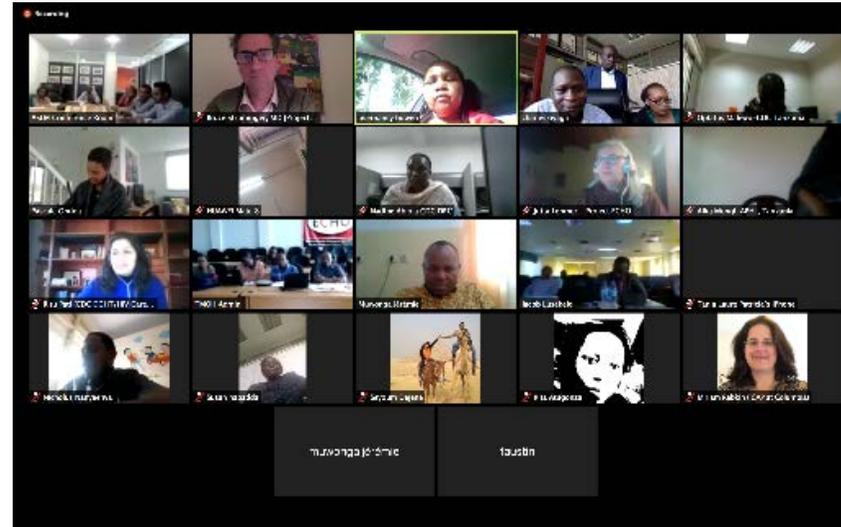
MSF WASTE MANAGEMENT DATABASE

- Gathered safety information on each standard diagnostic and chemical used in MSF projects.
- The objective: to come up with **best practice procedures** for the safe handling and disposal of laboratory waste
- internal use only for now - more experience on the implementation of this tool-
- May sharing the process of building the tool and implementing it might be useful.



ASLM

- Knowledge dissemination
- LabCoP sessions collaboration with CDC
- RFP for consultant to provide expert guidance along with sustainable, common sense and affordable viral load waste mitigation strategies to prevent under the Pan African Consortium
- Advocacy for safe waste management practices – convening of stakeholders, MOH and partner projects funded by BMGF, GF, PEPFAR and Unitaid



ASLM CDC-ILB WM Platform
Alwin , Blessing , Charles Kiyaga, Chiedza, ...

Nicholus ASLM

Responses to the questions that were not answered during the June 2019 Waste Management Training Session due to time constraints

1. Goch Kama: Did you explore experiences of other countries using the cement factory for managing biological waste? Does it require research that involves environmental health experts, and other experts?

Responses to the unanswered questions of the June 2019 Waste mgt session

2 pages • 349 KB • pdf 4:08 PM

Nicholus ASLM

Responses to the unanswered questions of the June 2019 Waste mgt session • 2 pages

Dear Comrades. These are the responses to the questions that were not answered during the June 2019 Waste

WASTE MANAGEMENT TRAINING SERIES SESSION 6 OF 6 – AUGUST 2019

Topic: Policy, legal and regulatory frameworks for Health Care Risk waste: the South Africa Perspective
Presenters: Kagiso Mokone, of the Dept. of Environment, South Africa
Mmeshela Kgole, Manager, Waste Assurance, NIOH, South Africa
Date: Thursday, 8 August 2019
Time: 15:30-16:30 EAT / 8:30-9:30 AM EST
Location: Zoom – <https://zoom.us/j/792041477>



In collaboration with the African Society for Laboratory Medicine (ASLM) and the LabCoP community, the CDC International Laboratory Branch (ILB) is excited to offer a short-term healthcare and laboratory waste management (WM) distance learning opportunity. Over the next six months, we will cover critical issues of laboratory/healthcare WM with particular focus on viral load waste products.

In the past 5 sessions we have discussed mainly technical aspects and solutions for waste management. However, one common challenge in many settings is that there are limited or no existing national policies or guidelines on dealing with hazardous waste (e.g., expired drugs, medical equipment and laboratory waste like that from VL/EID testing). In this August session we focus on the issues of policy, legal and regulatory frameworks for waste management, using an example from South Africa.

Target Audience: *Laboratorians, laboratory safety managers, biosafety officers, waste management and environmental protection personnel, quality assurance personnel and healthcare workers with interest/concerns regarding current WM practices (particularly in relation to anticipated viral load waste increase)*



Next Steps

- Finalise Manufacturer Asks – Devise strategy for engagement
- Waste Management workshop – LabCoP or ICASA2019 -
- WM checklist – countries internally assess themselves
- Demonstrate improvements in at least 3 countries participating in the WM training sessions
- Develop formal guidance – White Paper – (based on GF & ASLM RFPs, WM workshop, trainings etc.) and CDC research in progress.
- Costing for WM

Thank You



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