Waste Management work stream

Progress Since Last IDC Face to Face Meeting

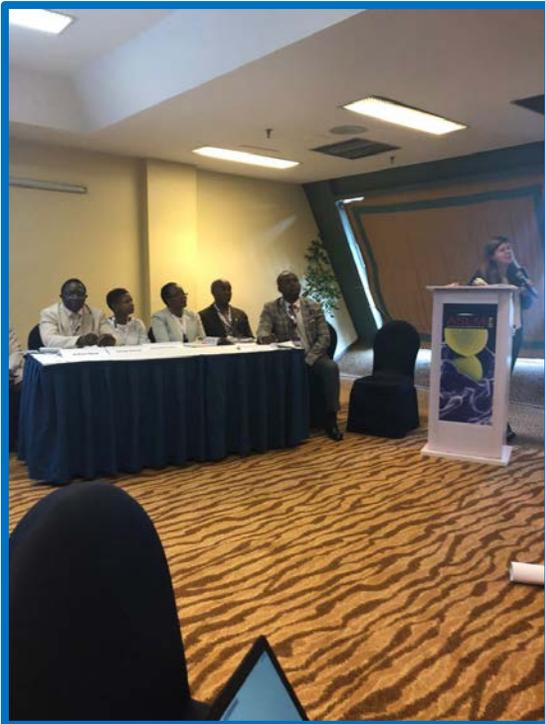**Anafi Mataka**

Integrated Diagnostics Consortium meeting 12-13 Sept 2019

Washington DC, USA

- ➢ 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 • 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

Legend:
- ○ 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
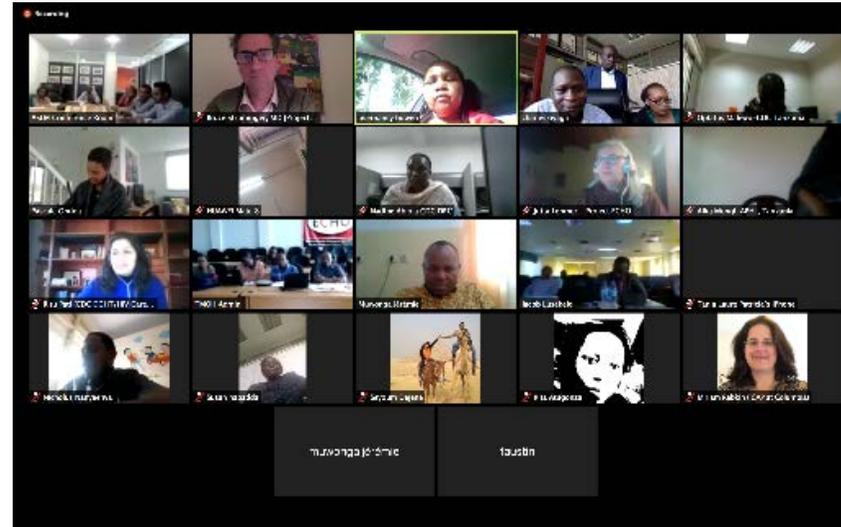
MSF WASTE MANAGEMENT DATABASE

- 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.
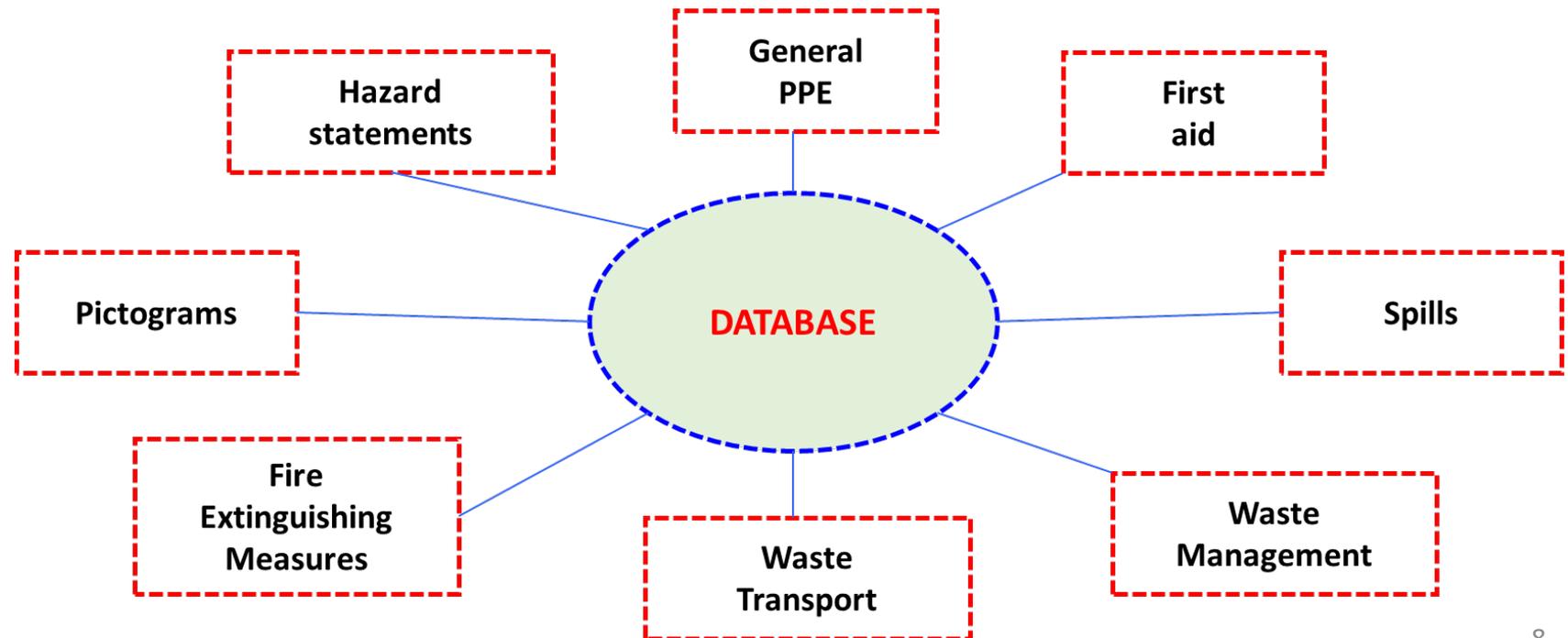
ASLM

➤ 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

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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