Progress Report
HANSA 2

10 December 2024

National Centre for Laboratory and Epidemiology (NCLE)

IBF1 Lab Systems Strengthening

IBF1 : Lab Systems Strengthening

Capacity enhancement on Laboratory System and QM unit

CURRENT STATUS:

- **MF 3:** Establishment of QM unit and recruitment of staff to support implementation of MF QMS related activities **(Progress)**

  - Discontinuation of hiring 4 contracted staff due to poor performance started from December 2024 onward.

  - Currently 3 contracted staff remained, and their TORs are revised and shared with NCPO.

CHALLENGES:

- Seek higher qualified personnel with an increasing payment rate according to TOR.

KEY ACTIONS:

- NPCO suggest sourcing candidates with Job Post website advertising or NCLE can suggest qualified candidates to NPCO for direct negotiation.
- NCLE is currently working on developing a TOR for recruiting new staff

IBF1 : Lab Systems Strengthening

Development of Policy foundation for integrated laboratory

CURRENT STATUS:

- **MF 4:** Technical Working Group meeting to review national standard for infrastructure, tests, techniques and equipment for all laboratory levels **(Completed)**

- **MF 6:** Technical meeting and consultation on SOPs for integrated laboratory - operations, specimen management **(Completed)**

CHALLENGES:

- Limited laboratory space and equipment in most hospitals to accommodate integrated lab operation
- Existing SOPs are not covered all major diagnostics e.g., TB, HIV-1, malaria due to separating operation

KEY ACTIONS:

- Suggest to participate/involve in lab space design and planning
- Suggest to communicate/involve in developing guideline of physical lab design with DHR
- Final list of SOPs for integrated laboratory will be shared with PH labs to guide additional SOPs needed

IBF1 : Lab Systems Strengthening

Development of Policy foundation for integrated laboratory *(cont.)*

CURRENT STATUS: • MF 9: Contracting waste disposal contractor to collect and dispose of expired reagents and supplies including broken equipment **(Completed)** o Strengthening inventory systems at NCLE **(Completed)** and NCLE government lab staff have been responsible for lab inventory control and management since November 2024	**CHALLENGES:** • None
	KEY ACTIONS: • None

IBF1 : Lab Systems Strengthening

Strengthening the Biosafety/biosecurity capacity *(cont.)*	

CURRENT STATUS:
 	
• **MF 15:** Certify 40 biosafety cabinets in 17 provincial hospital labs and in 6 central level labs **(Progress)**
    ○ Budget proposal and plan approved
    ○ NCLE received fund last Friday (6 Dec 2024)
 	
• **MF 28:** Procurement of biosafety HEPA filters and UV lamps and replacement service for HEPA filter in BSC (Removing and replacing the exhaust HEPA filter) **(Not started)**
    ○ Relevant information of HEPA filters and UV lamps including external certifiers are collected
    ○ The process will be started after certifying biosafety cabinets complete. This is important since there are multiple manufacturers of BSC used in the country
	CHALLENGES:
	• **None**
	
	KEY ACTIONS:
	• **None**

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Laboratory Information Management System(LIMS) Strengthening	

CURRENT STATUS:
 	
• Detailed LIMS scale-up workplan and TOR **(Progress)**
    o **NCLE** are working on both.
 	
• **MF 21,22, 23 : (Pending and delay)** await stakeholder consensus
 	
• **MF 24:** Network enhancement at NCLE **(Progress)**
    o Detailed list of hardware and software required to set up a secure network at NCLE are prepared
    o Proposal and relevant documents are in preparation and after completing those documents NCLE will submit them to DPF
	CHALLENGES:
	• Awaiting stakeholders to reach consensus on the LIMS workstream
	
	KEY ACTIONS:
	• Consultation meetings will be held and hosted by DPF/NPCO

IBF1 : Lab Systems Strengthening

Laboratory Information Management System(LIMS) Strengthening (cont.)

| CURRENT STATUS:

• **MF 26:** GXP Service & maintenance **(Progress)**
    ○ 69 GXP pre-owned modules for replacement **(Order placed)**
    ○ 69 Xpert Check for calibration **(Order placed)**
    ○ GXP warranty extension plus
       - Wambo requisition for GXP spare parts and labor costs is progressing
       - GF suggest to adjust starting date of SLA to November 10, 2024 (instead of January 1, 2025), to ensure the costs for replacing any additional failed or broken modules are covered under the SLA, making it the most cost-effective solution. | CHALLENGES:
• **None** |
| | KEY ACTIONS:
• **None** |

IBF1 : Lab Systems Strengthening

Establishment of Sample Transportation (ST) Network

CURRENT STATUS:
- Work with FIND and HPA

CHALLENGES:
- **None**

KEY ACTIONS:
- **None**

Thank you very much