

Tracking Laboratory Investments and Capacity Transition to US Partner Militaries

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BACKGROUND

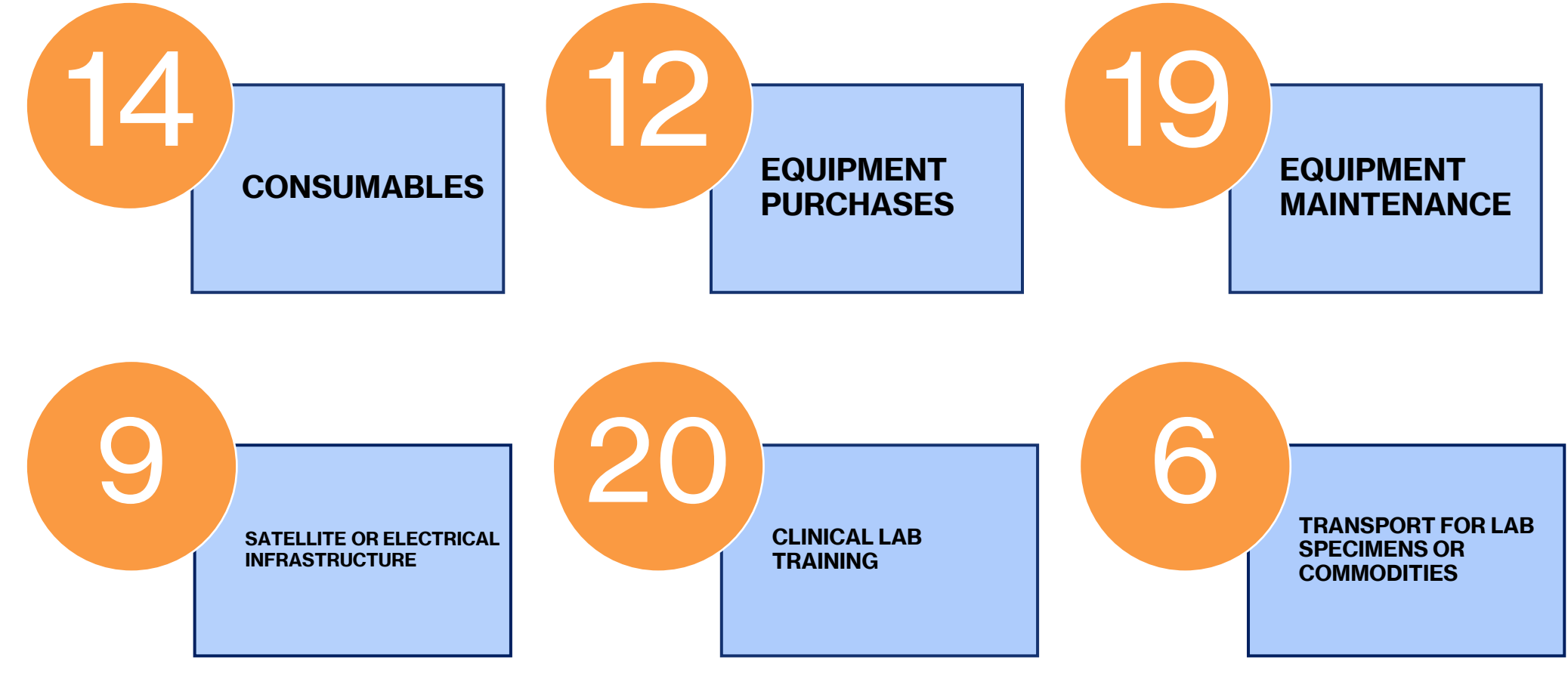
- The US Department of War (DoW) HIV/AIDS Prevention Program (DHAPP) supports partner militaries in developing and conducting their HIV response, while remaining committed to preventing, detecting, and responding to emerging infectious disease threats. Clinical laboratory strengthening is foundational to these aims.
- Historically, DHAPP's tracking of laboratory investments has been limited to financial and qualitative activity narrative data.
- We created a custom reporting indicator, LAB_DOD, to map DHAPP-placed laboratory equipment and resources and quantitatively track the transition of implementer-provided laboratory support to partner militaries.

METHODS

- To determine the exact indicators and definitions to use, we reviewed 8 quarters (FY 2023/24) of DHAPP implementer activity reports to define seven laboratory support type categories: consumables, equipment provision, equipment maintenance, infrastructure support, training, site supervision, and specimen/commodities transport.
- After validation with DHAPP leadership, subject matter experts, and implementers, final indicator reporting guidance was drafted, and the indicator was launched in FY25.

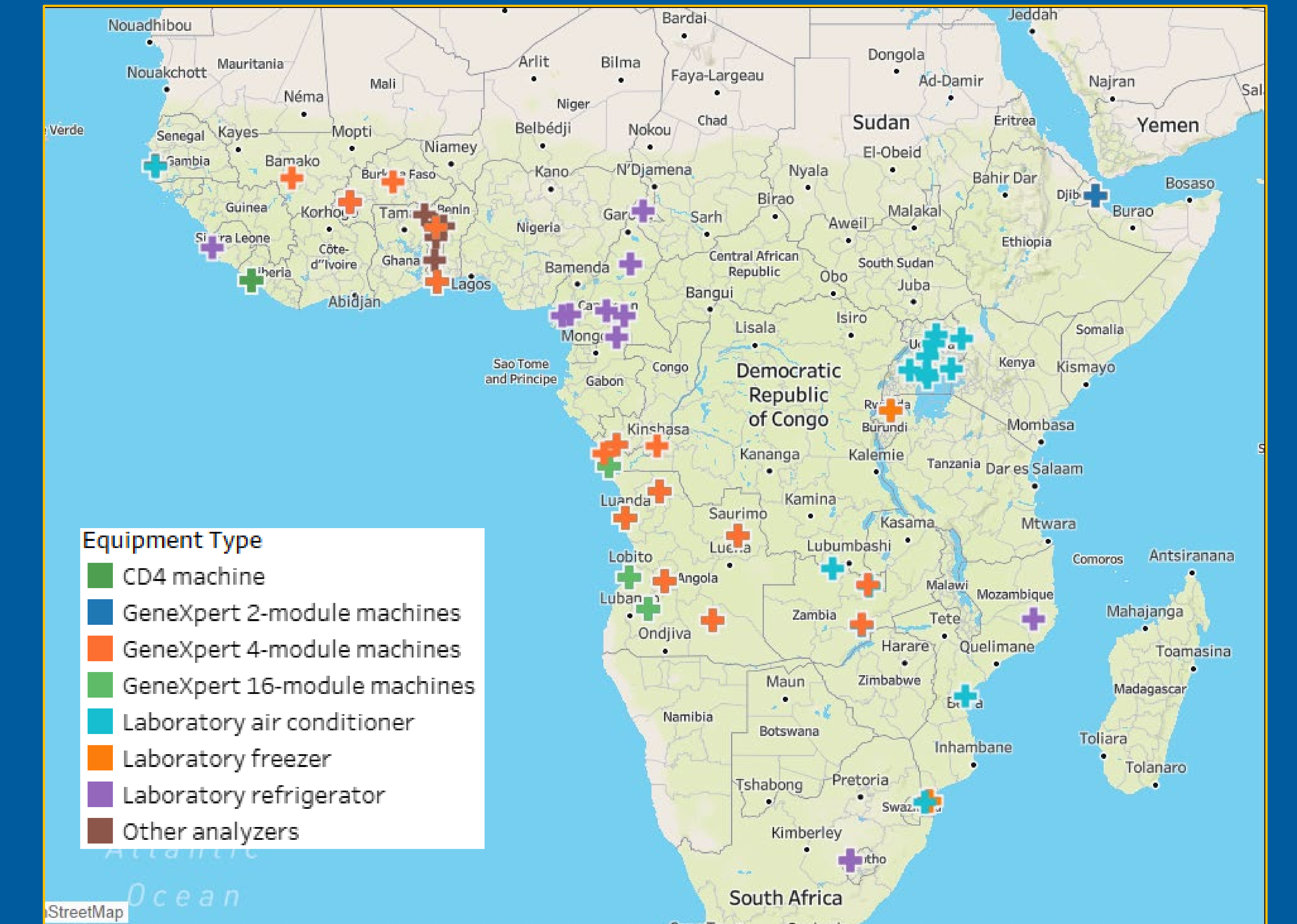
RESULTS

- DHAPP received **five** quarters of LAB_DOD data from implementers in **26** partner militaries.
- The geocoded data was mapped and analyzed in Tableau.© This allows the user to easily summarize and investigate the data by location, type of support, and time of support.
- Below are the number of countries that received different types of laboratory support:



Learning Objectives

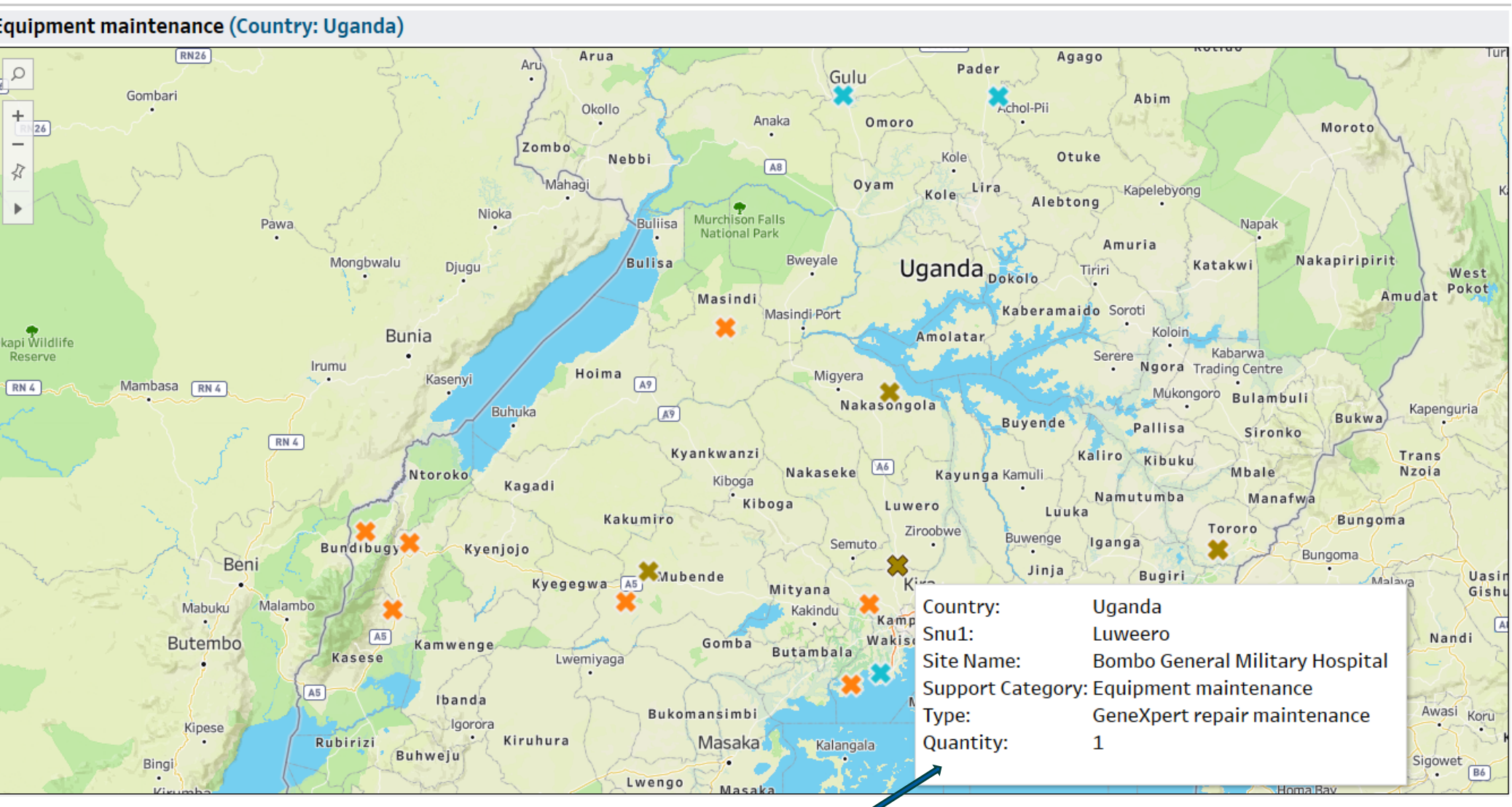
- Describe the rationale for the creation of **a new laboratory activity indicator.**
- Summarize key areas of **laboratory support provided by DHAPP.**
- Explain the strategic value of **geocoded, mappable laboratory investments** to global health security.



CONCLUSIONS

By standardizing reporting of laboratory activities, DHAPP can quantitatively track its implementers' investments and identify laboratory technical areas that are most supported. This allows staff to pinpoint facilities most reliant on external assistance and to monitor transition efforts over time. LAB_DOD data also provide a master list and map of key laboratory resources placed by DHAPP, such as GeneXpert platforms, which are used not only for HIV care, but for testing of many other pathogens of interest to the Department of War.

Below is a single country view for equipment maintenance



Hovering over the marks shows site information for the type of support provided

Filters allow the Tableau user to select data by geography, time, and type of support

