

# CAMPBIA 2024

CAMEROON POPULATION-BASED HIV IMPACT ASSESSMENT

"Your Action Matters! Ending HIV Together"

## CAMPBIA 2024 Overview

26<sup>th</sup> August 2024



# Presentation Outline

- Why the slogan in logo –‘Your Action Matters! Ending HIV Together’
- Introductions/Governance
- Objectives
- Survey Implementation Timeline
- Protocol development and Ethics Procedures
- CAMPHIA 2024 key Procedures
- Central and Satellite laboratories
- Procurement of survey materials
- Community mobilization
- Data management



# CAMPHIA 2024

CAMEROON POPULATION-BASED HIV IMPACT ASSESSMENT

"Your Action Matters! Ending HIV Together"

## "Your Action Matters! Ending HIV Together" signifies

1. **\*Encourages Personal Responsibility\***: It emphasizes that every individual's actions are crucial in the fight against HIV. This can motivate people to participate in the survey and get tested
2. **\*Fosters Community Involvement\***: By highlighting "together," it underscores the collective effort needed to tackle HIV. It promotes a sense of community solidarity and cooperation in the fight against the epidemic.
3. **\*Raises Awareness\***: The slogan serves as a powerful reminder of the ongoing battle against HIV and the importance of each person's contribution to ending it. This can help in educating the public and reducing stigma associated with HIV, thus encouraging participation in the survey.
4. **\*Promotes Higher Survey Participation\***: It can encourage more people to take part in the survey, understanding that their participation is a valuable action towards ending HIV.
5. **\*Inspires Hope and Action\***: The positive and action-oriented message can inspire hope and proactive behavior, reinforcing that ending HIV as a public challenge is an achievable goal with collective effort and individual responsibility....thus CAMPHIA 2024 serving as that channel

# Introduction

CAMPRIA 2024 is a **Population-based HIV Impact Assessment (PHIA)** that aims to generate up-to-date data to guide HIV epidemic responses



- **Scope**

Nationally representative survey for people 15yrs and over

- **Aim**

Capture the state of the HIV epidemic and response in Cameroon

- **Use**

Generate data to guide the future of the national HIV epidemic response

CAMPRIA 2024 will be the second household-based HIV impact survey conducted in Cameroon after that of 2017-2018. It will be government led and country owned

# Request of HE the Minister of Public Health to PEPFAR

REPUBLIC OF CAMEROON  
 Paix – Travail – Patrie  
 MINISTRE DE LA SANTE PUBLIQUE  
 SECRETARIAT GENERAL  
 DIVISION DE LA RECHERCHE OPERATIONNELLE EN SANTE  
 N° \_\_\_\_\_ / L/MINSANTE/SO/DROS/CRSPE/CEA2  
 Yaoundé, le 04 AVR 2023

REPUBLIC OF CAMEROON  
 Peace – Work – Fatherland  
 MINISTRY OF PUBLIC HEALTH  
 SECRETARIAT GENERAL  
 DIVISION OF HEALTH OPERATIONS RESEARCH  
 Yaoundé, le 04 AVR 2023

Le Ministre  
 Au  
 Directeur par Intérim  
 Center for Disease Control (CDC)

**Objet:** Plaidoyer pour un appui technique et financier pour la mise en œuvre du 2<sup>ème</sup> PHIA au Cameroun

Docteur,

Au Cameroun, l'évaluation de l'impact du VIH sur la population «CAMPHIA1» 2017-2018 (CAMPHIA) a fourni des résultats clés qui ont permis de soutenir les décisions stratégiques pour le Programme National de Lutte Contre le Sida.

CAMPHIA s'est avéré donc être un outil de suivi des progrès vers l'objectif de « 95-95-95 » à l'horizon 2030, notamment en ce qui concerne la prévalence nationale et la pharmacorésistance aux ARV. Ainsi, cette enquête communautaire nous paraît opportune cinq (05) années après CAMPHIA 1 au cours de laquelle votre contribution avait été conséquente et fort appréciée.

Y faisant suite, j'ai l'honneur de vous signifier mon accord de principe pour la mise en œuvre de l'enquête CAMPHIA2 en collaboration avec mes services compétents. A cet effet, j'ai l'honneur de solliciter auprès du CDC un appui technique et financier pour sa mise en œuvre.

En vous renouvelant nos remerciements pour l'appui multiforme que le gouvernement Américain ne cesse d'apporter à la lutte contre le VIH dans notre pays. Je vous prie d'agréer, Docteur, les assurances de ma haute considération.

Copie:

- CABMSP/ISEP
- SO/MINSANTE
- Intéressé
- Archives/Chronos

Site Web: www.minsante.cm / www.minsante.org.gh  
 Division de la Recherche Opérationnelle en Santé, tel: 22 23 41 18, Fax: 22 23 45 19, Email: minisante@yahoofr

4<sup>th</sup> April 2023

# Approval of the PEPFAR country operational plan for Cameroon (2023)

United States Department of State  
 Washington, D.C. 20520

UNCLASSIFIED July 20, 2023

MEMO FOR CHRISTOPHER J. LAMORA, U.S. AMBASSADOR TO CAMEROON

FROM: S/GAC – Sally Blatz, S/GAC Chair  
 S/GAC – Samantha Walker, PEPFAR Program Manager

THROUGH: S/GAC – Ambassador Dr. John Nkengasong, U.S. Global AIDS Coordinator

SUBJECT: PEPFAR Cameroon Operational Plan 2023 Approval

This memo represents the successful completion of the PEPFAR Cameroon Operational Plan COP 2023 co-planning, development and submission. The PEPFAR Cameroon USG Team, together with the partner government, civil society and multilateral and other partners, has planned and submitted a COP 2023 that is data-driven and following co-planning meetings, and other agreements made in the country/OU during, or following check ins with S/GAC.

This memo serves as the approval for the PEPFAR Cameroon Operational Plan COP 2023 with a total approved budget of \$99,421,000 for Year 1, including all initiatives and applied pipeline, to achieve the targets and outcomes as listed in this memo and all appendices. The funding and targets noted herein is for one year of operations from October 1, 2023 – September 30, 2024 (FY 2024). The Year 2 notional amount is pending congressional appropriations and applied pipeline calculations. The total budget is reflective of the following programming per Figure 1:

	New Funding (All Accounts)	Pipeline	Total Budget FY2024 Implementation
TOTAL	96,596,582	2,824,418	99,421,000
Bilateral	96,096,582	2,824,418	98,921,000
Central	500,000	0	500,000

Figure 1: Overall COP23 Year 1/FY2024 Budget

UNCLASSIFIED

20<sup>th</sup> July 2023

# Response letter from H.E. the Ambassador of the USA to Cameroon

Embassy of the United States of America  
 Yaoundé, Cameroon  
 July 24, 2023


His Excellency Mr. Manaouda Malachie  
 Minister of Public Health  
 Yaoundé, Cameroon

Dear Minister Manaouda,

I wish to acknowledge and respond to your request for support for a second round of the Cameroon Population-based HIV Impact Assessment (CAMPHIA). With funding made available through the U.S. President's Emergency Plan for AIDS Relief (PEPFAR), I am pleased to inform you that our government plans to commit up to \$19 million for CAMPHIA 2023-2024 to assess progress toward reaching HIV epidemic control and to inform the next phase of the HIV epidemic response in Cameroon.

Leadership of the CAMPHIA by the Cameroonian government will be vital in the months ahead. We are counting on a robust multi-sectoral engagement in the planning and implementation of this nationwide effort. To support our commitment to build local capacity, the Cameroon Baptist Convention Health Board, a Cameroonian NGO, will receive funding to implement the CAMPHIA. On behalf of the U.S. Government, the U.S. Centers for Disease Control and Prevention (CDC) will provide technical assistance and lead the bilateral coordination with the Government of the Republic of Cameroon in planning and implementing the project. Our CDC Country Director in Cameroon, Dr. Mohamed Jalloh ([mjalloh@cdc.gov](mailto:mjalloh@cdc.gov)), will be your ministry's main U.S. Government point of contact for the project.

I want to conclude by reaffirming that the U.S. Government is very proud of what we have accomplished collectively with the Government of the Republic of Cameroon so far to reach the country's ambitious 95-95-95 goals by 2025. We remain committed to supporting strategic efforts that will contribute to ending AIDS as a public health threat by 2030. I look forward to our continued bilateral partnership to mitigate the spread of HIV among the people of Cameroon, and to ensure that people affected by the disease will receive the care and treatment they need.

Sincerely,  
  
 Christopher J. Lamora  
 U.S. Ambassador to Cameroon

24<sup>th</sup> July 2023



# CAMPBIA 2024 Governance Structure

## Steering Committee



- Officially instituted by H.E. Minister of Public Health, Dr Manaouda Malachie
- Vice-chaired by the MOH Secretary General and CDC Country Director in Cameroon
- Diverse members include Gov't of Cameroon, USG, UN agencies, civil society, and implementing partners
- Inaugural meeting took place in Sep 2023 and follow-up meeting planned for Dec 2023

## Technical Working Group



- Officially instituted by H.E. Minister of Public Health, Dr Manaouda Malachie
- Co-chaired by MOH Department of Operational Research and the National Institute of Statistics
- Comprises three sub-groups
  - ✓ Survey design and epidemiology
  - ✓ Laboratory
  - ✓ Community engagement
- Has convened regularly, resulting in a draft protocol

## Principal Investigators



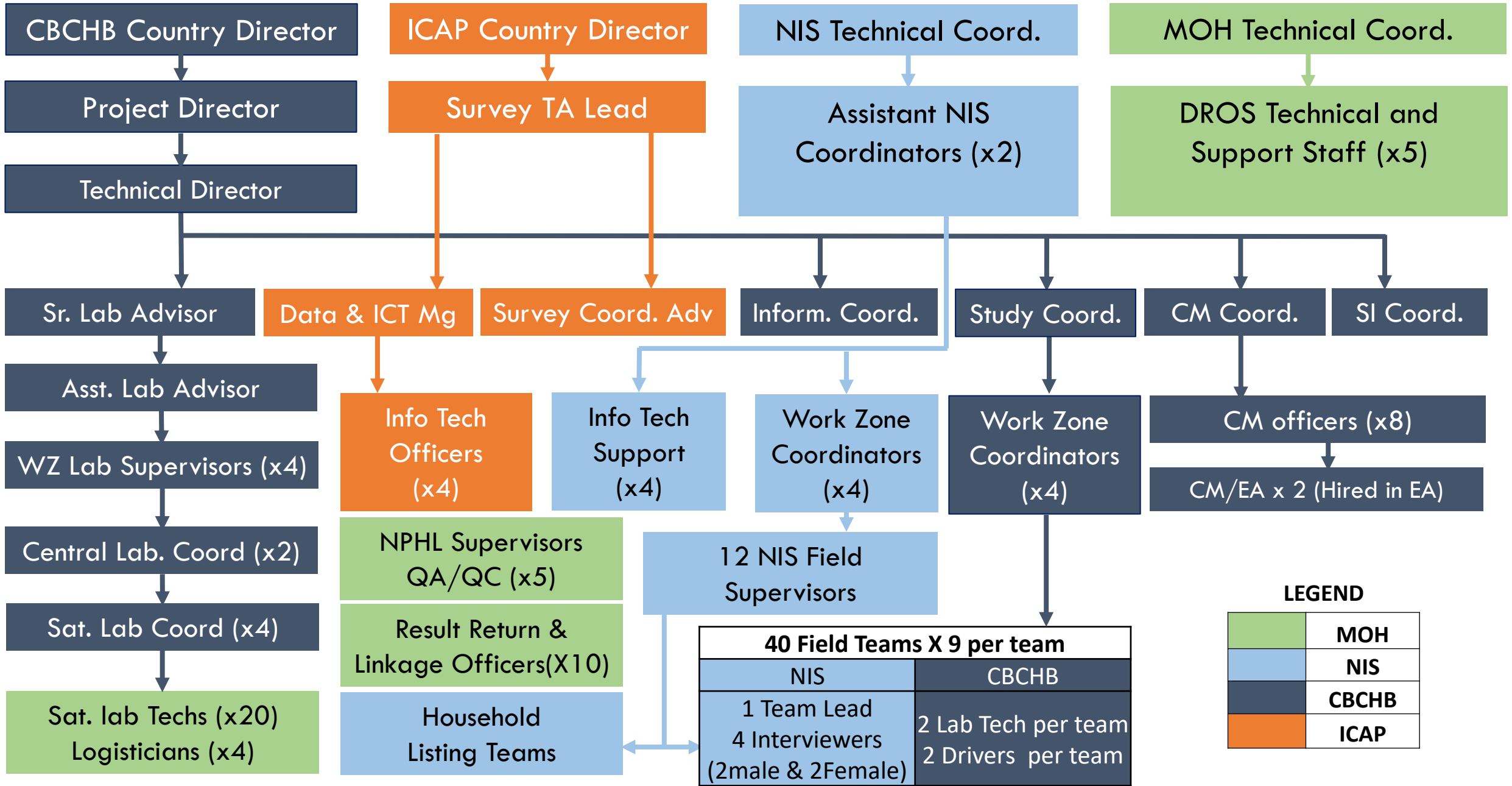
- Group of principal investigators from key institutions:
  - ✓ MOH Office of Sec. General
  - ✓ National Institute of Statistics
  - ✓ MOH Division of Health Operations Research
  - ✓ National AIDS Control Committee
  - ✓ National Public Health Lab
  - ✓ U.S. Centers for Disease Control and Prevention
  - ✓ CBCHB
  - ✓ ICAP at Columbia University
- First PI group meeting 18<sup>th</sup> Dec 2023 to review full protocol
- 2<sup>nd</sup> PI group meeting 12<sup>th</sup> Jan. 2024 to sign off on protocol.

## Integrated Delivery Team



- An integrated team responsible for the day-to-day operations and implementation of the CAMPBIA 2024
- Includes technical, management, and admin staff from:
  - ✓ Ministry of Public Health
  - ✓ National Institute of Stats
  - ✓ CBCHB
  - ✓ ICAP
- Weekly progress review meetings and bi-weekly updates to the MOH Secretary General

# CAMPBIA 2024 INTEGRATED DELIVERY TEAM



## LEGEND

	MOH
	NIS
	CBCHB
	ICAP

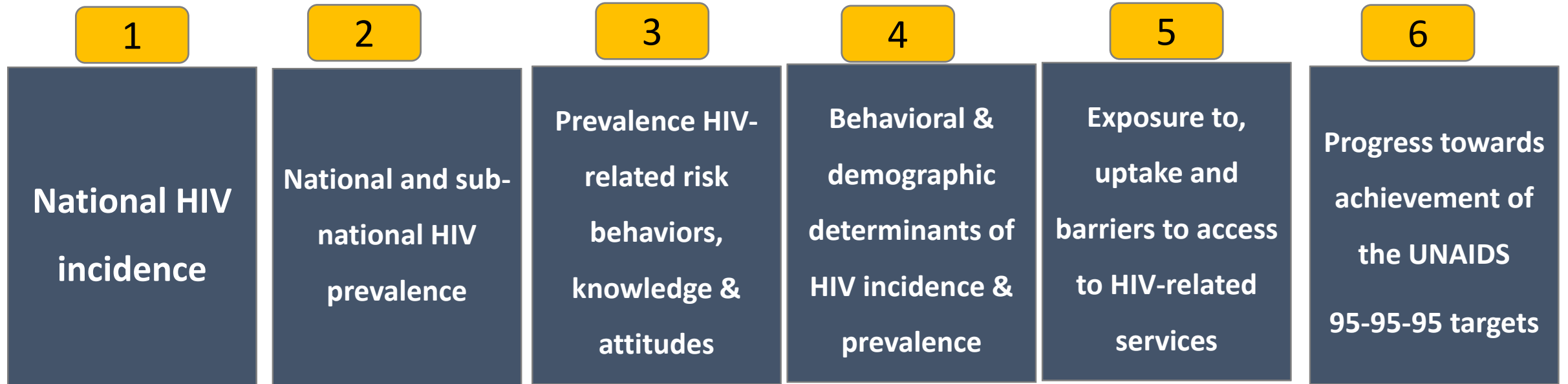
# **CAMPHIA 2024 Objectives**



# CAMPHIA 2024 - Primary Objective

**Estimate Regional Prevalence of VLS**

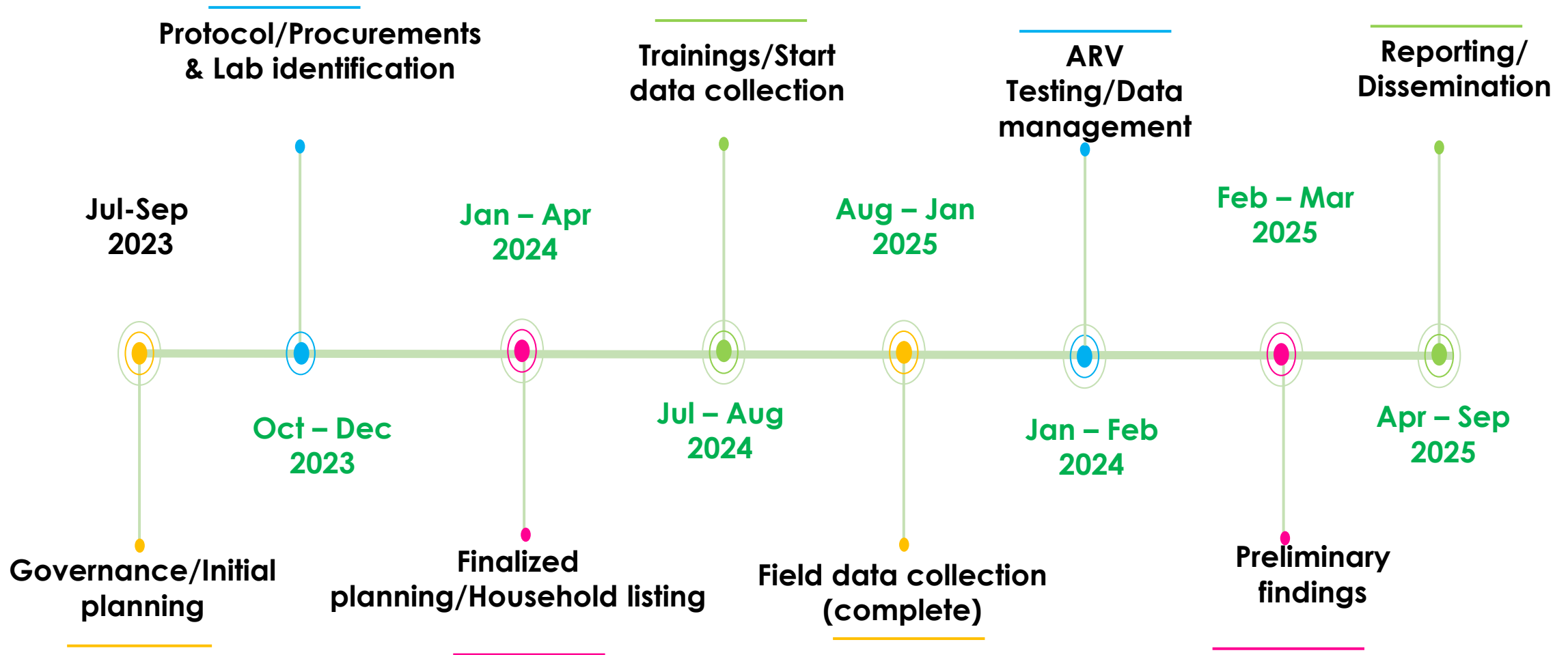
## CAMPHIA 2024 - Secondary Objectives



**Project Duration:** 1<sup>st</sup> October 2023 – 29<sup>th</sup> September 2025

# Survey Implementation Timeline

# Timeline for CAMPHIA2024 Implementation



# **Protocol development and Ethics procedure**

# CAMPHIA 2024 Protocol Adaptation Nov. 6-11, 2023

- The Cameroon Population-Based HIV Impact Assessment (CAMPHIA) 2024 is designed to involve various partners, be government led and country owned.
- This round of PHIA is currently going on in 6 countries
- PHIA come with a generic protocol that contain a set of standardized data elements, to ease comparison of results across countries.
- Countries are supported to develop country-specific data elements that fill gaps in unique HIV-related data needs in the country in the process call protocol adaptation.



Protocol Adaptation Workshop 6<sup>th</sup> -11<sup>th</sup> Nov 2023



# Ethical Consideration

- The survey protocol was submitted to the 3 IRBs: the CDC, the National Ethics Committee and Columbia University.
- CU IRB approved the protocol without any comments.
- The National Ethics Committee of Cameroon has approved our protocol.
- The protocol went through the 2 rounds of pre-clearances from CDC and was declared as none research public health activity.



## CLAIRANCE ETHIQUE

Le Comité National d'Éthique de la Recherche pour la Santé Humaine (CNERSH), en sa session ordinaire du 14 juin 2024, a examiné et approuvé la demande de Clairance Éthique du projet de recherche intitulé: «Cameroon Population-Based HIV Impact Assessment 2024» (CAMPBIA) 2024 soumis par le Professeur ZOUNG-KANYI BISSEK Anne-Cécile, Investigateur Principal, DROS-MINSANTE et du Professeur TIH PIUS MUFFIH, Investigateur Principal, Cameroon Baptist Convention Health Board.

Le projet est d'un grand intérêt scientifique et social. L'objectif général de cette étude est d'estimer la prévalence infranationale de la suppression de la charge virale du VIH (SCV) dans la population. La procédure de l'étude est bien documentée et claire. Cette étude se déroulera dans les dix régions du Cameroun. Les risques liés à l'étude sont précisés ainsi que les mesures pour les éviter et les minimiser. La notice d'information et les formulaires de consentement éclairé, en français et en anglais, sont bien élaborés et simples à comprendre. Les mesures prises pour garantir la confidentialité des données collectées sont présentes dans le document. Les CVs des Investigateurs les décrivent comme des personnes compétentes, capables de mener à bien cette étude. Pour toutes ces raisons, le Comité National d'Éthique approuve pour une durée d'un an, la mise en œuvre de la présente version du protocole.

Les investigateurs sont responsables du respect scrupuleux du protocole approuvé et ne devraient y apporter aucun amendement aussi mineur soit-il, sans avis favorable du CNERSH. Les investigateurs sont appelés à collaborer pour toute descente du CNERSH pour le suivi de la mise en œuvre du protocole approuvé. Le rapport final du projet devra être soumis au CNERSH et aux autorités sanitaires du Cameroun.

La présente clairance peut être retirée en cas de non-respect de la réglementation en vigueur et des recommandations susmentionnées.

En foi de quoi, la présente clairance éthique est délivrée pour servir et valoir ce que de droit.

Ampliations

- MINSANTE

  
Président  
*Dr. Mbacham Fon Wilfred*  
MS, DS, SCD, Mdiv, FCAS, FAAS, FTWA  
Président CNERSH  
Pr. MBACHAM Wilfred

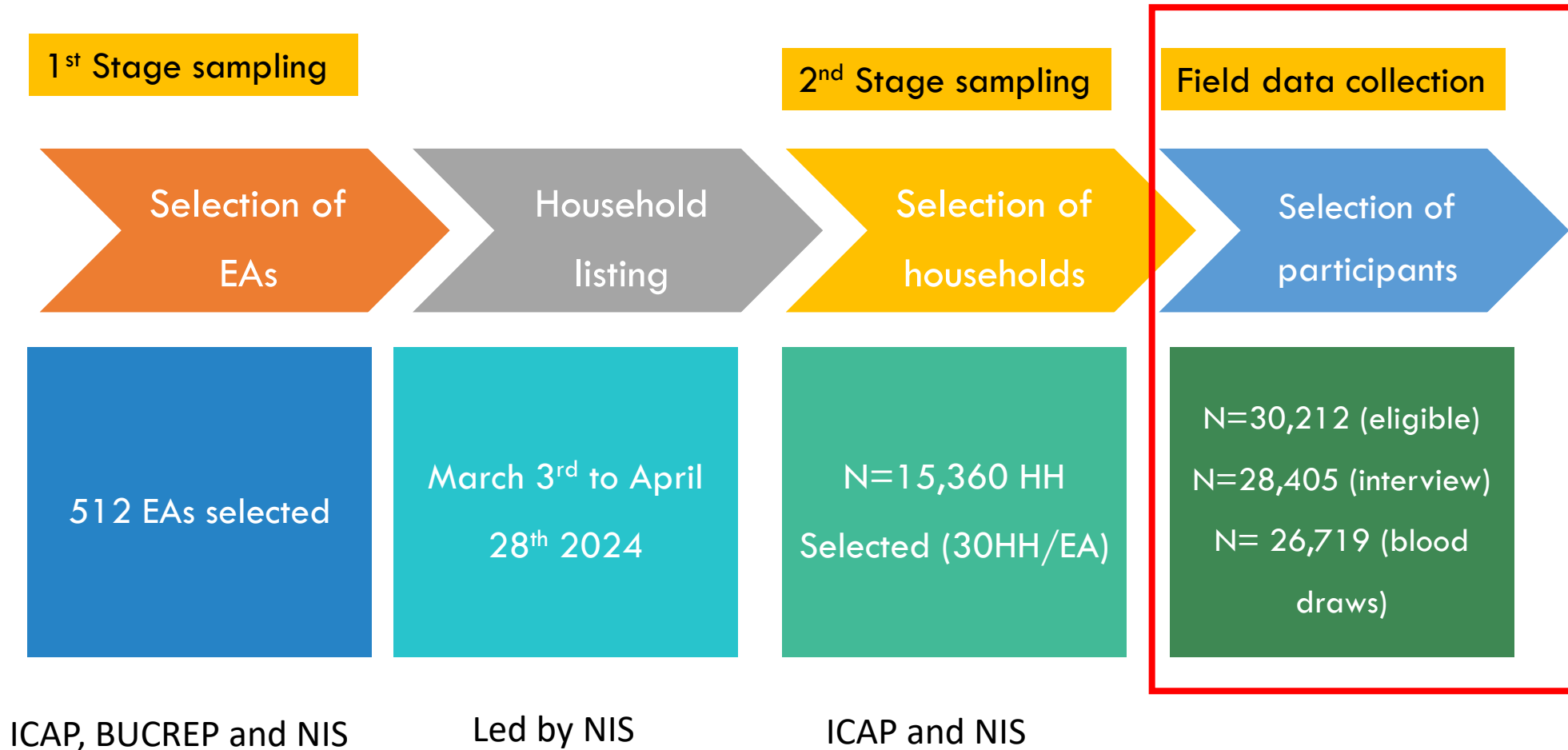
N.B: cette clairance éthique ne vous dispense pas de l'obtention administrative de recherche (AAR), exigée pour mener cette étude sur le territoire camerounais. Cette dernière vous sera délivrée par le Ministère de la Santé Publique.

- N° d'enregistrement : IOR0007861-IRB0009439-FWA00016054 - [setcominae@gmail.com](mailto:setcominae@gmail.com)

- Arrêté N° 0977/A/MSP/SESP/SG/DROS du 18 avril 2012 portant création, organisation et fonctionnement des Comités d'Éthique de la Recherche pour la Santé Humaine au sein des structures relevant du ministère en charge de la santé publique.

# **CAMPHIA 2024 key Procedures**

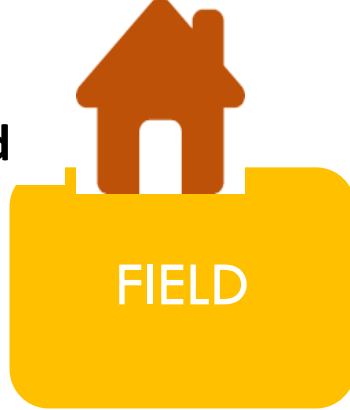
# CAMPBIA 2024 key Procedures



# Central and Satellite laboratories

# Primary Functions of CAMPHIA 2024 Laboratories

Household



- HIV Rapid Testing
- Specimen Collection
- QC and PT for Rapid Tests

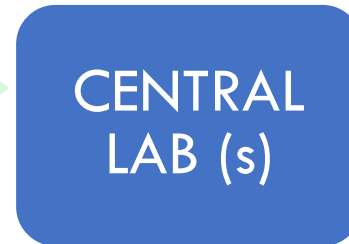
15,360 => Households

1. Informed consent
2. Interview
3. Pre-test counseling
4. Blood draw
5. Post test counseling



- QC and PT for Rapid Tests
- PIMA CD4 testing
- Plasma separation
- QA for field HIV test (spot retesting)

20 => Nation wide and closest to the EA



- Preparation of QC/PT panels
- Viral Load Test
- Geenius HIV1/2
- LAg-Avidity EIA Assay
- HIV Drug Resistance Test
- Specimen biorepository

2=>NPHL and CIRCB



- HIV-2 VL
- ARV testing

1=>CDC Atlanta



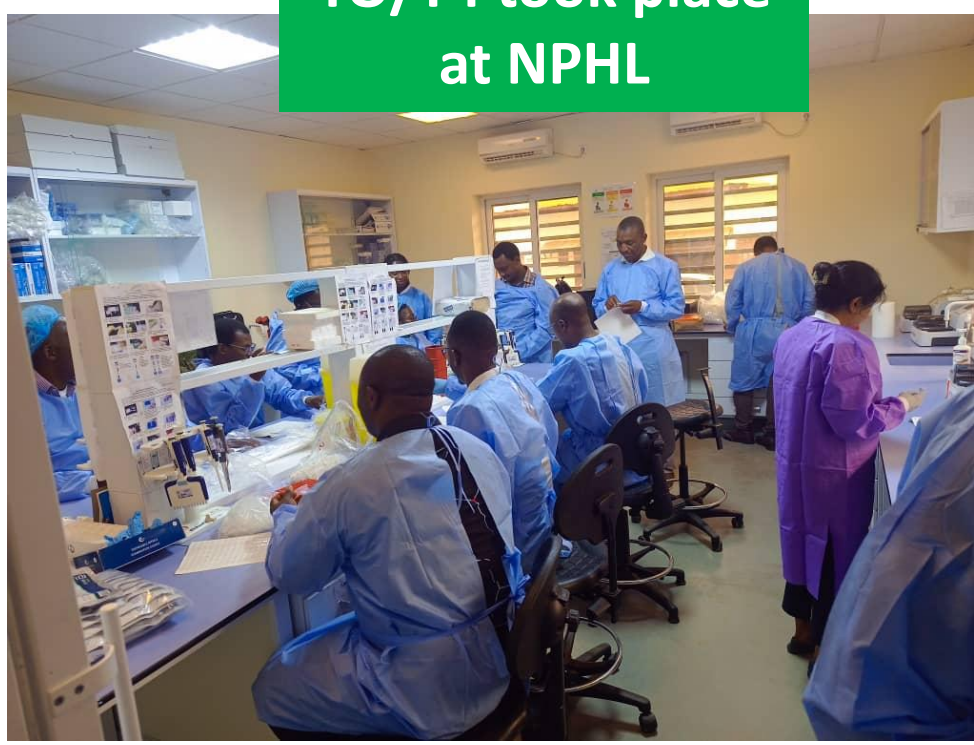
Laboratory operations will take place at 4 levels.





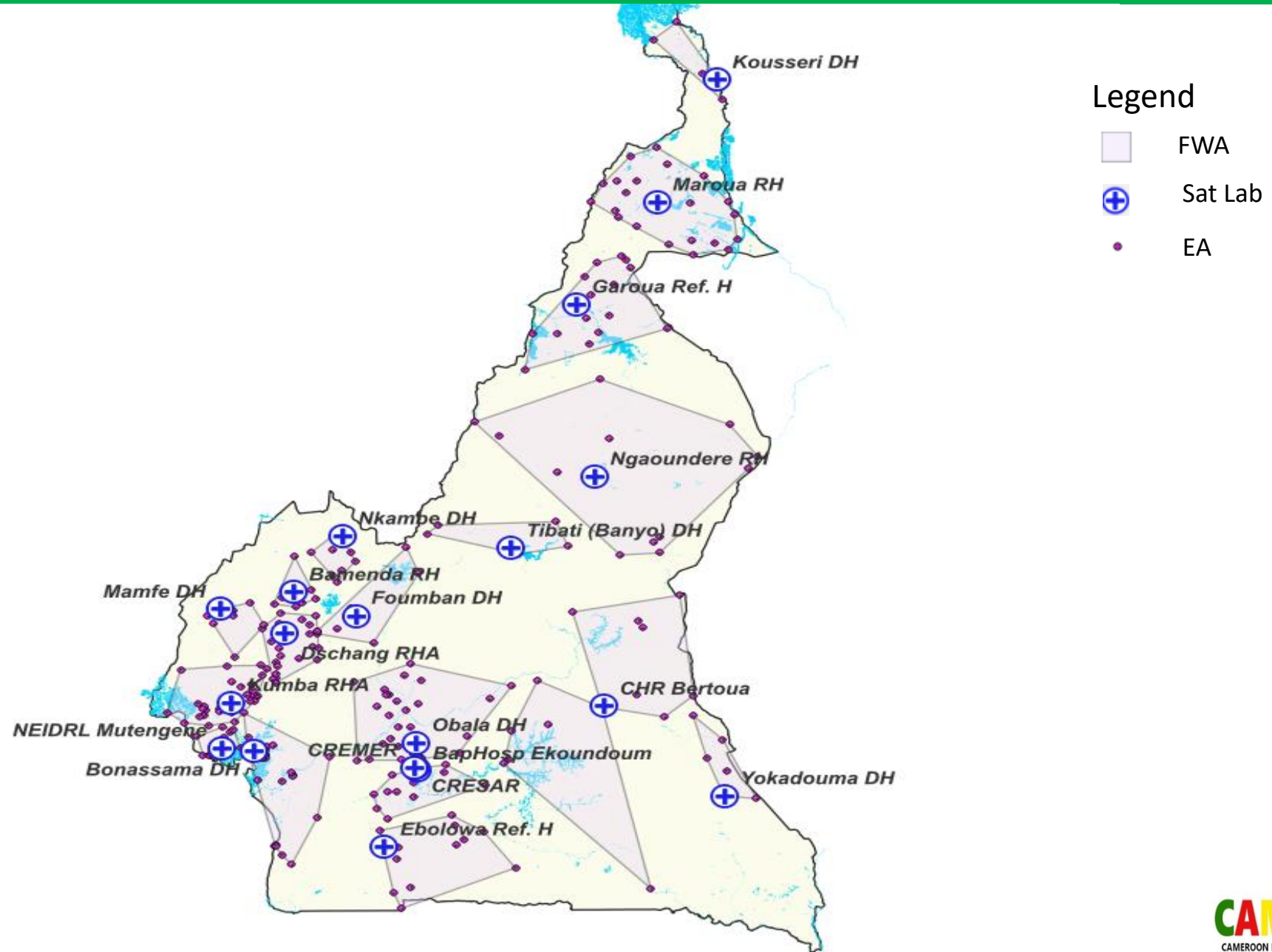
10 - 86 freezers installed at NPHL

TO/T4 took place at NPHL





# Selected Satellite labs and FWAs – CAMPHIA 2024



# **Procurement of survey materials**

# Tax exemption was obtained

Moral caution was also obtained from MoH for the temporal importation of PIMA machines

D128

REPUBLIC OF CAMEROON  
PEACE-WORK-FATHERLAND

REPUBLIC OF CAMEROON  
PEACE-WORK-FATHERLAND

MINISTRE DES FINANCES  
N° 00003457

MINISTRY OF FINANCE  
17- AVR 2024  
Yaoundé, le

Ref.: D33-100L/MINSANTE/SG/DCOOP/CPN/CEAI du 13/12/2023.

*5000*  
*22/04*  
*DM*  
*Malachie*

**L** LE MINISTRE DES FINANCES

**A**  
MONSIEUR LE MINISTRE DE LA SANTE PUBLIQUE  
-YAOUNDE-

**Objet:** Demande d'exonération des droits et taxes de douane.

Par correspondance susvisée, vous sollicitez pour le compte du Projet CAMPHIA ( Cameroon Population-Based HIV Impact Assessment 2024 Project), le bénéfice de la facilité reprise en marge à l'importation de matériels, consommables et équipements médicaux, couverts par les Déclarations d'Importation (DI) N° SGS-30297-28 du 21/03/2024, SGS-30258-80 du 23/02/2024, SGS-30293-32 du 19/03/2024, SGS-30297-33 du 21/03/2024 et SGS-30297-29 du 21/03/2024.

A l'appui de votre demande, vous indiquez que ladite importation, don destiné à soutenir le Gouvernement camerounais dans les domaines de la santé de la Femme et de l'enfant ainsi qu'à la lutte contre le VIH-SIDA, s'inscrit dans le cadre d'un partenariat stratégique entre votre Département ministériel et la Fondation Cameroon Baptist Convention Health Services (CBCHS). Vous joignez, à toutes fins utiles, copies de la Convention N° 016/MINSANTE/2011 du 17 novembre 2011 entre le Ministère de la Santé publique et la CBCHS ainsi que les DI y afférentes.

En réponse, j'ai l'honneur de vous faire connaître que s'agissant d'un don à l'Etat, je vous marque mon accord pour la dispense du Rapport sur la Valeur et le Classement tarifaire (RVC), sans pénalités ainsi que la franchise des droits et taxes de douane sur ladite cargaison, en application des dispositions de l'Article 8 de l'Acte 2/92-UDEAC-556-SE1 du 30 avril 1992.

Il reste entendu que la présente facilité est subordonnée à la présentation du titre de transport y afférent aux services compétents de la Direction Générale des Douanes.

Le Directeur Général des Douanes est instruit dans ce sens.

22 AVR 2024  
e S...s-Dire  
de  
- et

REPUBLIC OF CAMEROON  
MINISTRE DE LA SANTE PUBLIQUE  
19 AVR. 2024

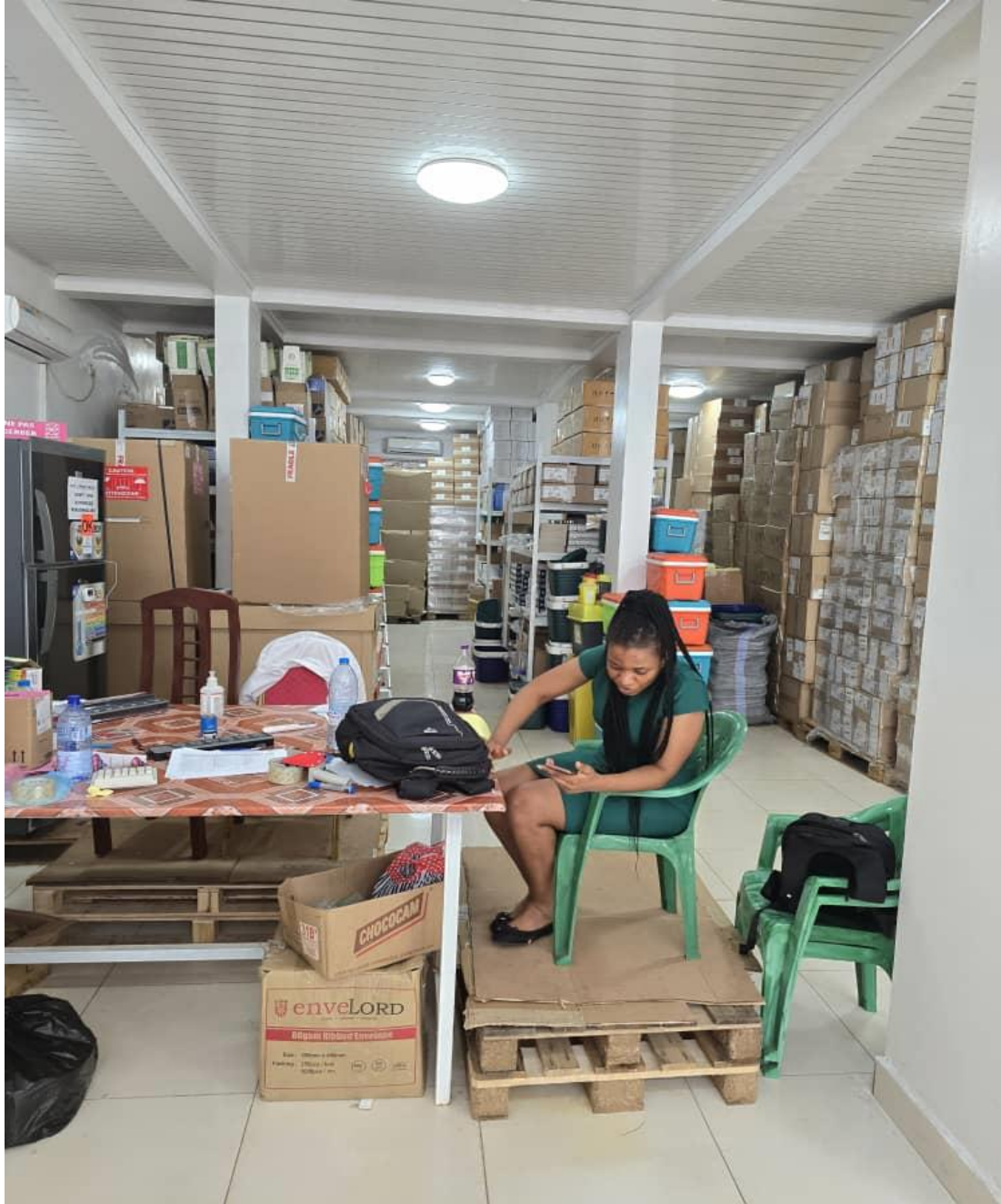
REPUBLIC OF CAMEROON  
MINISTRE DE LA SANTE PUBLIQUE  
DIVISION DE LA COOPERATION  
Arrivée le 30 AVR 2024

REPUBLIC OF CAMEROON  
MINISTRE DES FINANCES  
29 AVR 2024  
1926  
29 AVR 2024

POUR LE MINISTRE  
LE MINISTRE DÉLÉGUÉ

ADMINISTRATION DES DOUANES  
Séjour des Douanes du Centre  
Arrivée le 02 MAI 2024  
S/n\*  
Arrivée  
Yaouba Abdoulaya





Warehouse is full and ready for the survey

# **Community Mobilization Activities**



# Community Mobilization

- The mobilization will begin with a high-level national launch meeting before the start of data collection August 1<sup>st</sup>, 2024
- Regional launch will be done prior to field activities in the region
- Mobilization activities at the community level include:
  - Presentation of the survey to the local leaders / key gatekeepers
  - Recruitment of local mobilization teams consisting of individuals who are well-known and respected in the community to conduct door-to-door mobilization and facilitate communication about the survey:
  - 2 community mobilizers will be selected from each EA





# Data management

**Key Message:** Data management is driven by PHIA best practices to produce the highest quality of data to evaluate and inform the HIV epidemic response while strengthening local data systems and data architecture that can be reused for future population-based health surveys

# LAYERED APPROACH TO DATA MGMT

## Zone 1: Field and labs

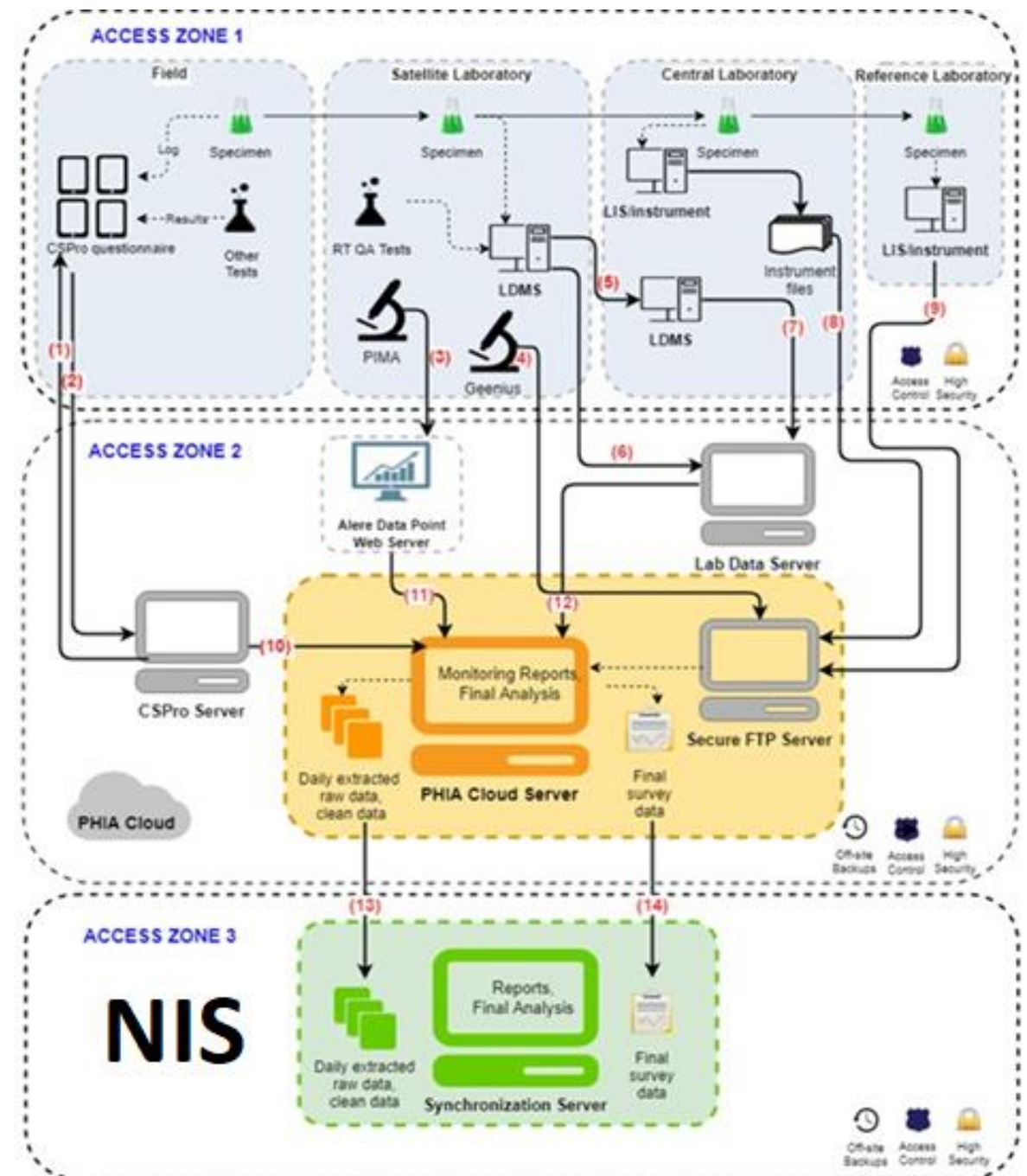
Field activities, interviews, and lab data  
(household → satellite labs → central lab)

## Zone 2: CAMPHIA Cloud

Data cleaned and stored in cloud server

## Zone 3: Synchronization

Mirror physical server in country makes data  
available in real time (hosted by NIS)



# Tablet configuration for main survey data collection (1/2)

## Phase 1: Pre-configuration (May, 2 weeks)

- 500 tablets purchased
- Unpack and assemble tablets
- Inventory tablets (record serial number, assign unique tablet ID and PW)
- Set up Mobile Device Management (MDM) system
- Enroll tablets to MDM
- Install basic survey applications and software updates
- Configure tablet settings



## Phase 2: Configuration prior to training & FP (July, 4 days)

- Load survey files (e.g. CSPro forms, maps files)
- Clear data
- Reset/reconfigure tablet and server settings appropriate for training, field practice, and data collection



## Phase 3: Final Tablet Configuration for field data collection (August, 4 days)





**Thank you ... et merci!**