

12-13 OCTOBER 2022

PtD GLOBAL INDABA

Tailoring education to drive behavior change

Mali's community health practitioners accelerate the transition to TLD in HIV/AIDS care

Yacouba Diarra, Technical Director, GHSC-PSM in Mali

October 12, 2022



USAID
FROM THE AMERICAN PEOPLE



PEPFAR
U.S. President's Emergency Plan for AIDS Relief

Presented by the
**USAID Global Health Supply Chain Program-
Procurement and Supply Management
(GHSC-PSM) project in Mali**

The USAID Global Health Supply Chain Program- Procurement and Supply Management (GHSC-PSM) project



...works closely with the national health authorities to accelerate the transition to tenofovir/lamivudine/dolutegravir (TLD), a treatment with proven results in HIV viral load suppression.



- GHSC-PSM helped set up the TLD Transition Committee in 2019 under the leadership of the Executive Secretariat of the High National Council to fight against AIDS (SE-HCNLS), and the Sectorial Unit for the fight against HIV/AIDS, TB and Hepatitis (CSLS-TBH).
- The transition required alignment of national policies, programmatic actions, and fully trained human resources to deliver.
- The committee drew up a transition plan with the support of GHSC-PSM.
- A smooth transition to TLD was made more difficult by COVID-19 restrictions and interrupted training programs for field health practitioners.
- Thus, rapid on-site training missions were conducted by the CSLS-TBH to provide rapid guidance to prescribers and providers.



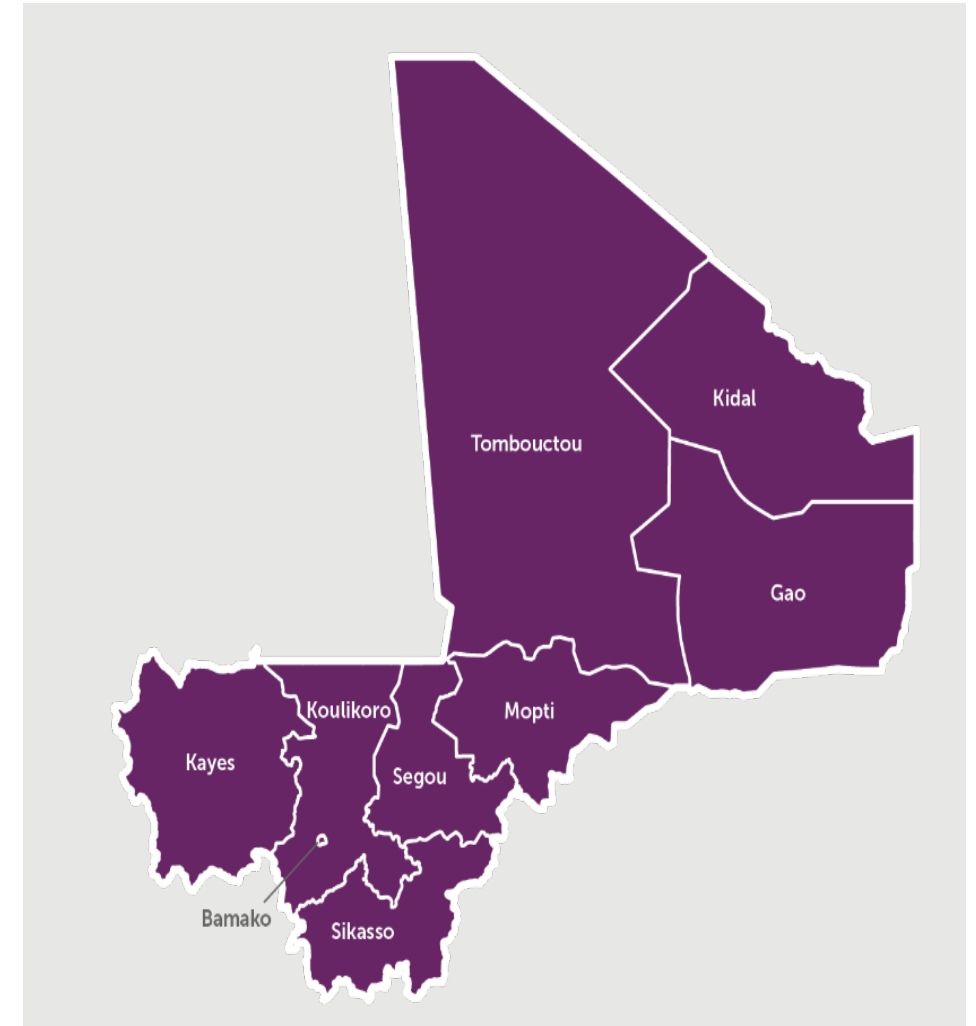
Introduction to Mali

General indicators:

- **Area:** 1,241,238 km²
- **Population 2021:** 21,112,000 (71% under 24 y.o.)
- **Administrative regions:** 19 functional regions incl. the District of Bamako
- 156 Circles, 807 communes
- 12,712 Villages/Fractions/Neighborhoods

Health indicators :

- **Regional health directorates**
 - 74 health districts with district hospitals (CSREF)
 - 8 regional hospitals (EPH)
 - 5 university hospitals (CHU)
 - 1,700 community health centers (CSCOM)
 - 3000 community health worker sites (ASC sites)
- 105,678 **people living with HIV/AIDS** in 2022 (EPP Spectrum)
- HIV prevalence: 1.1% (EDSM 2012-2013)
- HIV prevalence among MSM: 13.7% (Survey by Terya CSLS-CDC, 2015)
- HIV prevalence among SW: 8.7% (IBBS, 2019)
- 52,848 adults under ART (DHIS2, June 2022)
- 3,858 children under ART (DHIS2, June 2022)



How We Work

Mali gov and GHSC-PSM work to support health by:

- exploring
- administering
- sustaining

This includes **tailored training** and **supportive actions** to drug prescribers and dispensers across all regions of Mali.



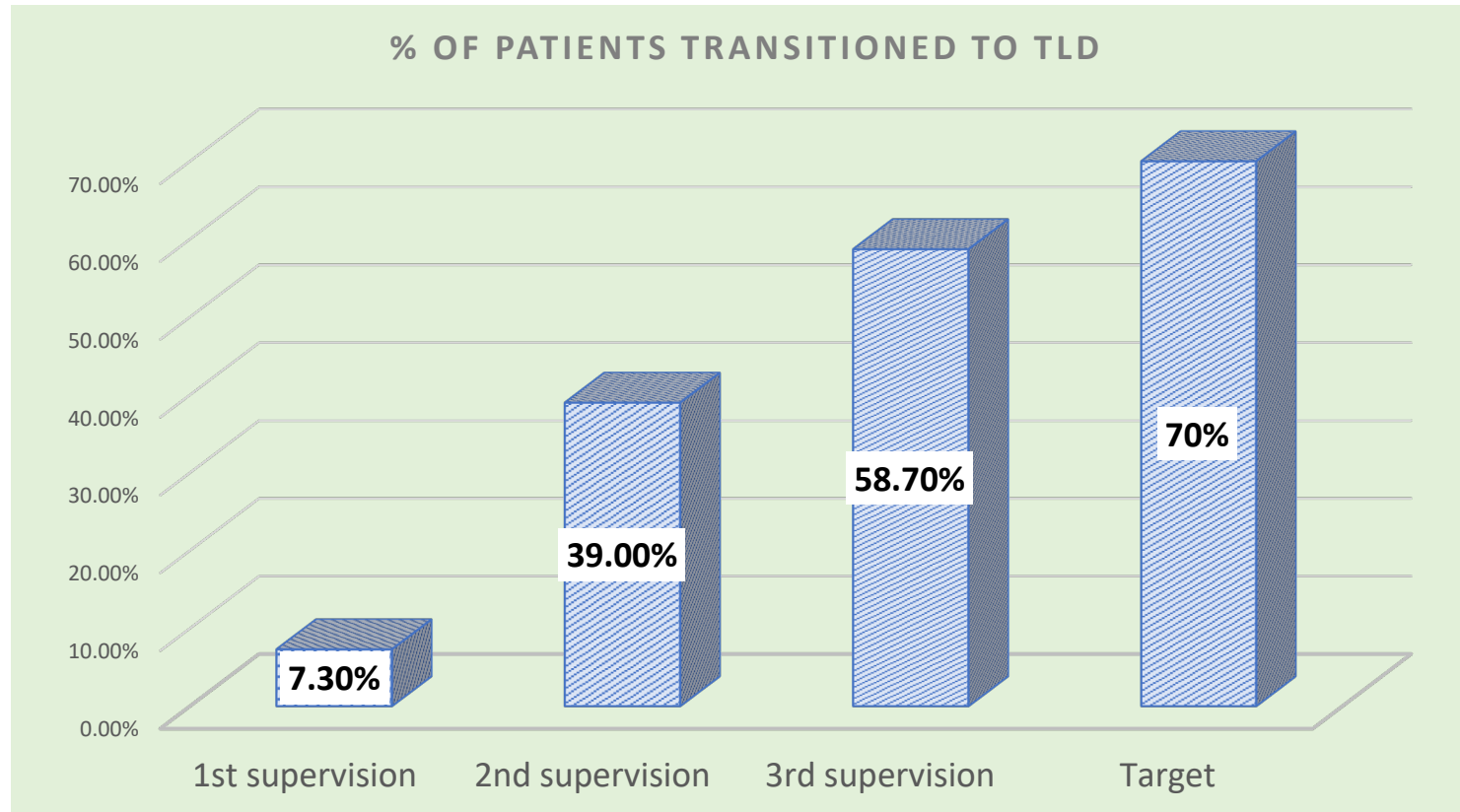
Method

- Consumption data in **OSPSANTE, the Pharmaceutical Management Information Dashboard**, demonstrating TLD uptake in each site informed training needs and subsequent support plans.
- Rapid on-site training missions were jointly conducted by GHSC-PSM and the CSLS-TBH to provide rapid guidance to prescribers and providers
- Three supportive supervision were carried out by GHSC-PSM and the CSLS-TBH
 - 1st supportive supervision: Sep-Oct 2020
 - 2nd supportive supervision: Feb-Mar 2021
 - 3rd supportive supervision: Nov-Dec 2021
- Activities undertaken during the supportive supervision at HIV/AIDS care and treatment sites included:
 - Meeting with prescribers, dispensers, lab technicians, and biologists
 - Orientation on HIV/AIDS treatment with emphasis on transition to TLD, elimination of NVP-based regimen, and implementation of MMD, DDD & PrEP
 - Evaluation of TLD uptake and the implementation of PEPFAR key initiatives such as MMD, DDD & PrEP



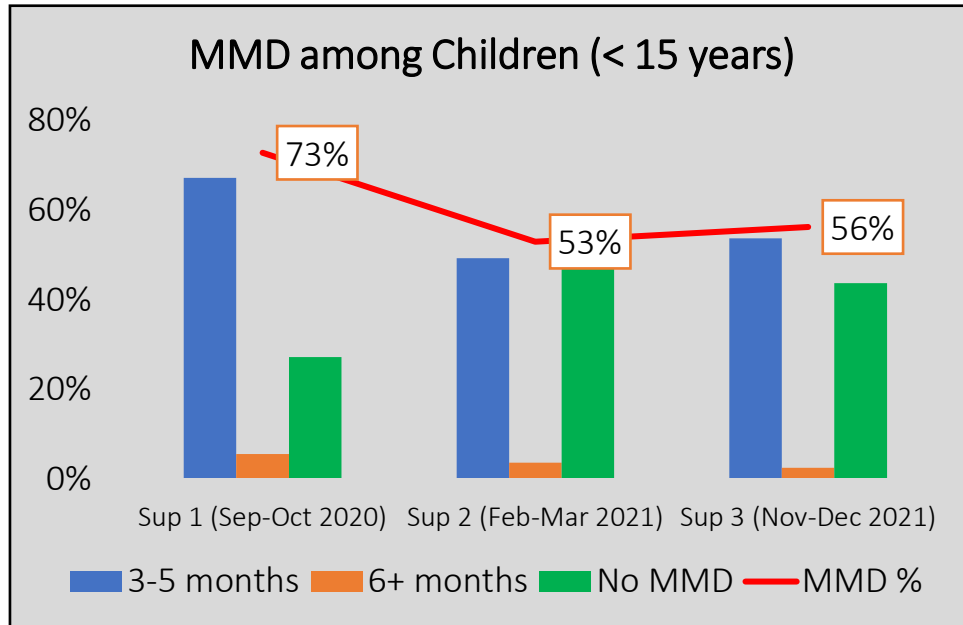
*Photo credit: GHSC-PSM
GHSC-PSM and CSLS-TBH staff reviewing patient
and drug management tools*

Results – TLD Transition

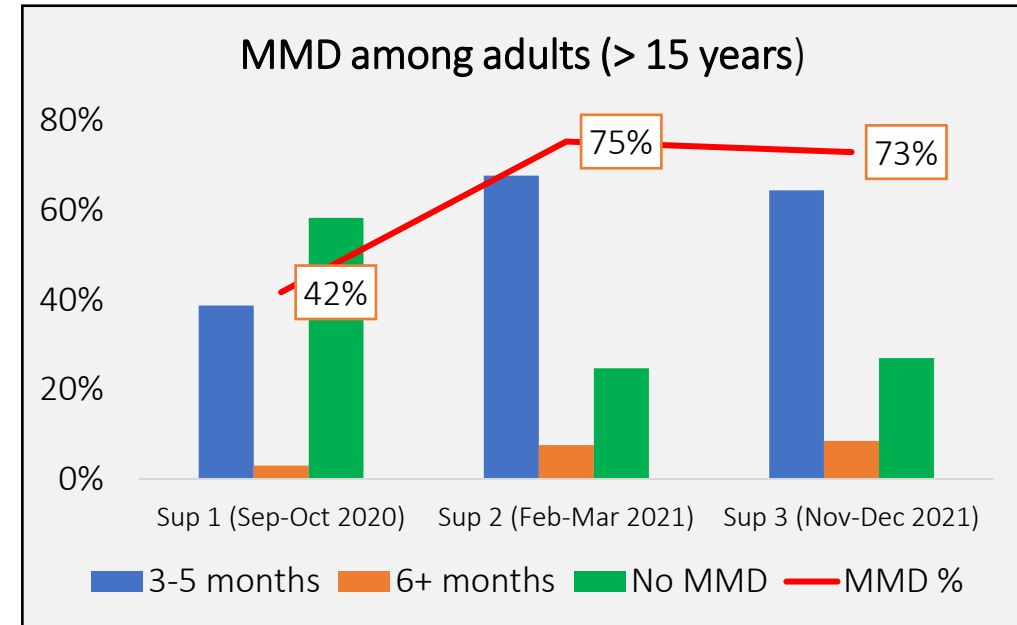


- The percentage of patients on TLD increased from 7.3% to 39%, and to 58% following two supportive supervision visits
- The impact of the third supervision on TLD uptake will be assessed during the upcoming supportive supervision scheduled for Nov-Dec 2022

Results – MMD

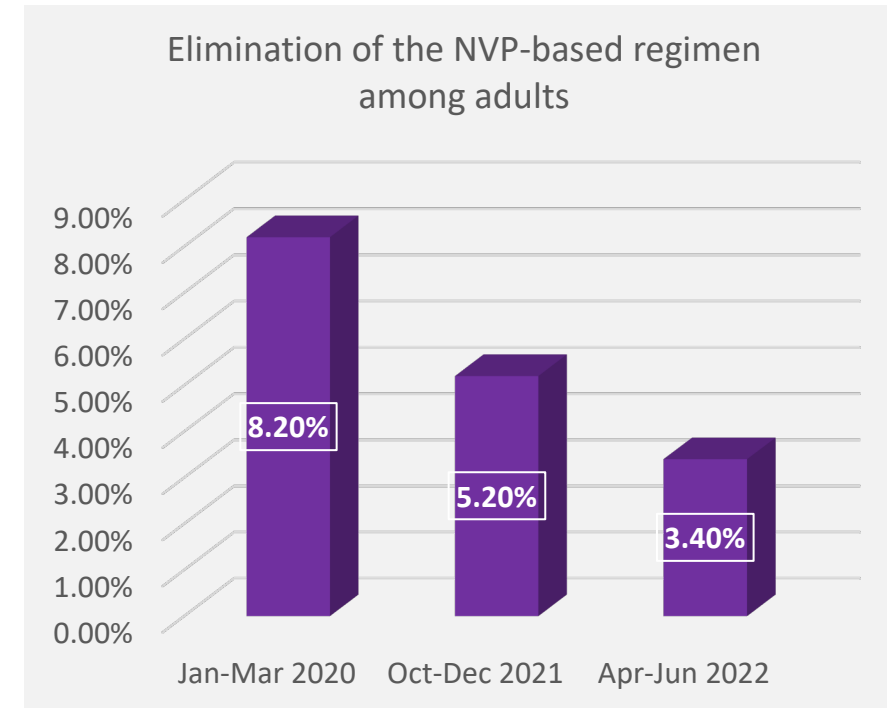
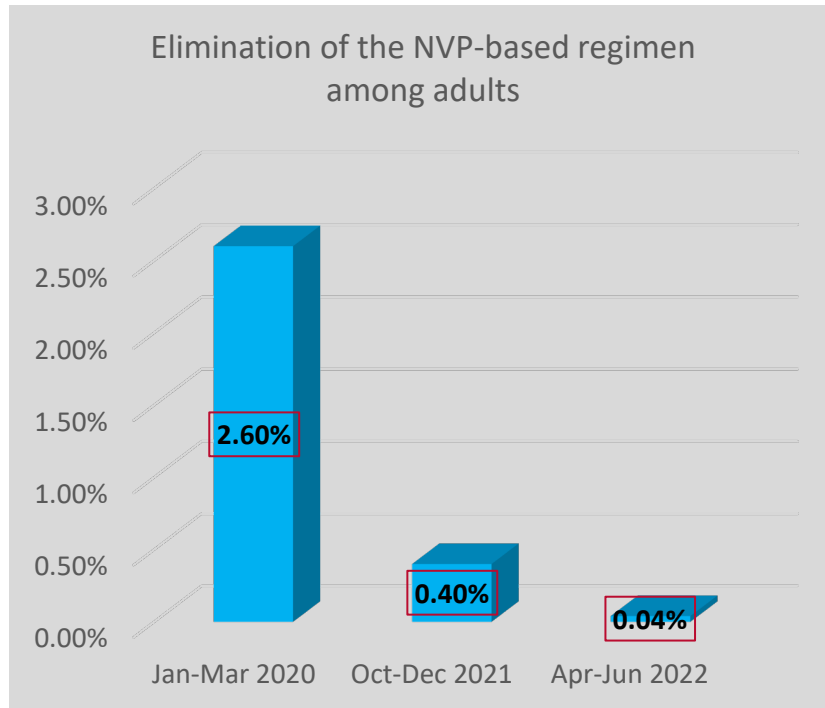


The percentage of adult patients on MMD (receiving 3+ months of supply) increased from 42% to 73%



The percentage of pediatric patients on MMD (received 3+ months of supply) decreased from 73% to 56%

Results – elimination of NVP-based regimen



The percentage of adult and pediatric patients on NVP-based regimen decreased following supportive supervision visits .

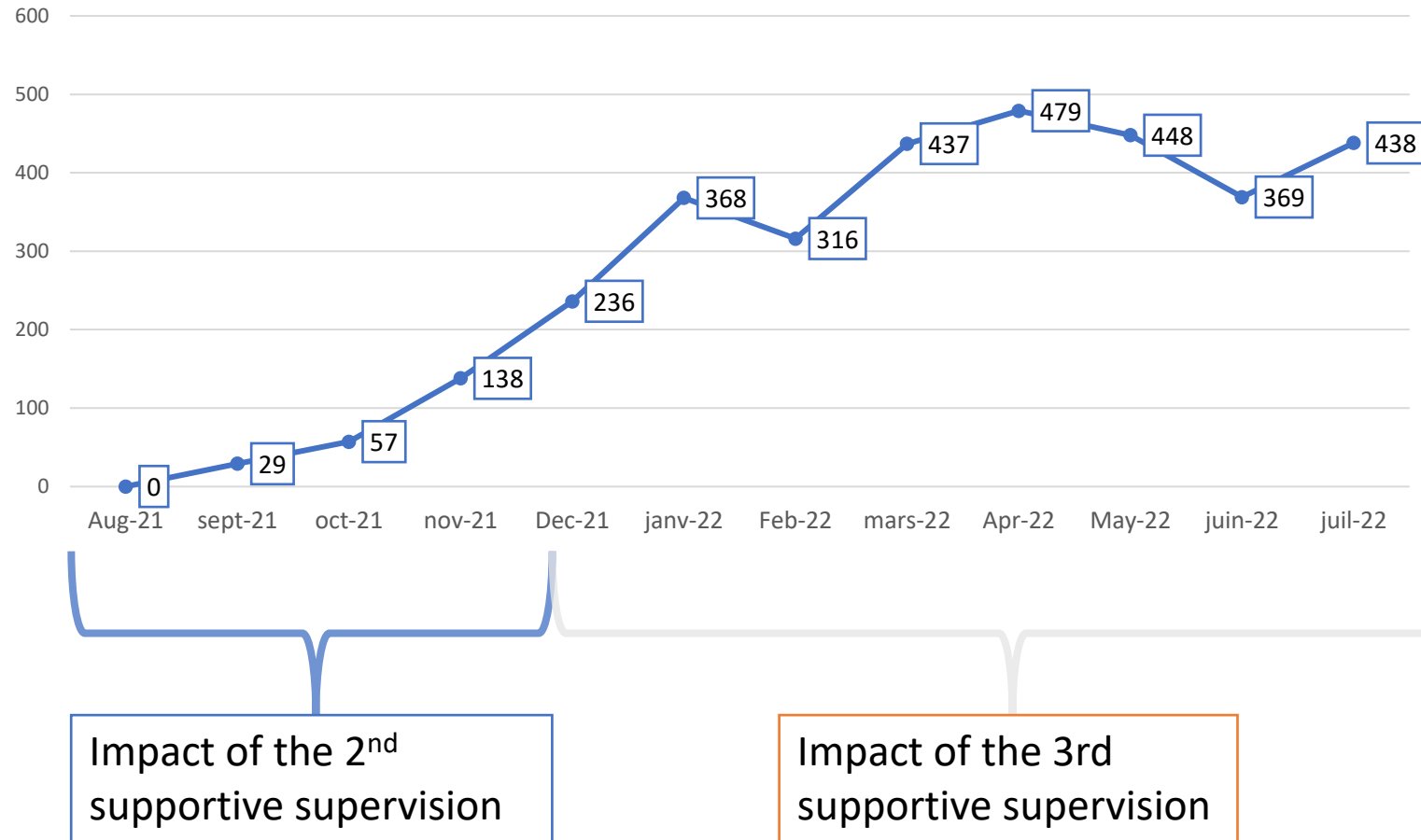
Results – Decentralized Drug Distribution (DDD)

Region	% of sites with a mechanism for community distribution of ARVs (Malian DDD model so far)
Bamako	81.3 %
Sikasso	93.3 %
Segou	76.9 %
Average	84.1 %

On average, 84 % of PEPFAR-supported sites implement community distribution of ARVs through either NGO psychosocial counselors, or through expert patients

Results – PrEP Transition

Actual consumption of TDF/FTC 30-count



Way Forward

- GHSC-PSM will provide continued to support the Sectoral Unit for the Fight Against AIDS, Tuberculosis and Hepatitis (CSLS-TBH), ensuring adherence to antiretroviral treatment for key target groups.
- The project will assess the impact of the latest supportive supervision on TLD uptake.
- We will support the CSLS-TBH in forecasting and developing the transition plan to the Dolutegravir 10mg dispersible tablet (DTG 10).
- We will continue to work toward the target of 70% of patients on TLD by December 2022.

Lessons Learned

- Training and support activities are core to driving health practitioners' adherence to change, which in turn is a vital link to the supply chain performance.
- Targeting prescribers' and dispensers' specific education needs with tailored training plans has dramatically overturned the resistance to TLD consumption (initially 7.3% to 58%).

Thank you! Questions?

Dr. Yacouba Diarra, Technical Director, GHSC-PSM in Mali

YDiarra@ghsc-psm.org

12-13 OCTOBER 2022

PtD GLOBAL INDABA

info@upavon.co.za