



Annual Report

2022

Advancement in technology to
improve health systems in Africa.

List of Acronyms

AFP	Advance Family Planning	LARC	Long-acting Reversible Contraceptives
AHS	Adolescent Health Services	LGA	Local Government Area
ANC	Antenatal care	LMIS	Logistics Management Information System
ANRiN	Accelerating Nutrition Results in Nigeria	M&E	Monitoring and Evaluation
ANRiN	Accelerating Nutrition Results in Nigeria	MOH	Ministry of Health
ARFH	Association for Reproductive and Family Health (ARFH)	M-Space	Middle Space Concepts
BISKIT	Blood Information System for Crisis Intervention and Management	NAFDAC	National Agency for Food and Drug Administration and Control
BMGF	Bill and Melinda Gates Foundation	NGO	Non-governmental Organization
BPNS	Basic Package of Nutrition Services	NPHCDA	National Primary Healthcare Development Agency
C-IYCF	Cambio Development Communications Initiative	ODK	Open Data Kit
C-IYCF	Community Based Organization	OVC	Orphans and Vulnerable Children
C-IYCF	Community Infant and Young Child Feeding	PEOC	Polio Emergency Control Centre
C-IYCF	Community Management of Acute Malnutrition	PNC	Postnatal care
C-IYCF	International Potato Centre	POCR	Polio Outbreak Control Room
CSBC	Centre for Social and Behavioural Change	PRINCE2	Projects In Controlled Environments
DMPA-SC	Subcutaneous depot medroxyprogesterone acetate	REACH	Reaching Everyone with Accessible Community Health
DRI	Direct responsible individual	RH	Reproductive Health
eHA	eHealth Africa	RMNCAH	Reproductive, Maternal, Neonatal, Child and Adolescent Health
eIDSR	Electronic Integrated Disease Surveillance and Reporting (eIDSR)	RMNCAH+N	Reproductive, Maternal, Neonatal, Child and Adolescent Health + Nutrition
EOC	Emergency Operations Centre	RMNCH	Reproductive, Maternal, Neonatal and Child Health
ERP	Enterprise Resource Planning	SARMAAN	Safety and Antimicrobial Resistnace of Mass Administration of Azithromycin in Nigeria
EVA	Education as a Vaccine	SMART	Specific, Measurable, Attainable, Relevant, Timebound
FCT	Federal Capital Territory	SMOH	State Ministry of Health
FMOH	Federal Ministry of Health	SPHCDA	State Primary Healthcare Development Agency
FP	Family Planning	SRH	Sexual and Reproductive Health
GHFD	Global Health Facility Database	SWODEN	Society for Women Development and Empowerment in Nigeria (SWODEN)
GHFDi	Geolocation Health Facilities Database Initiative	TBA	Traditional Birth Attendant
GIS	Geographic Information System	TPM	Third-Party Monitoring
HIFASS	Health Initiatives for Safety and Stability in Africa	VDD	Vaccine Direct Delivery
HIV	Human Immunodeficiency Virus	VSO	Voluntary Service Overseas
HTR	Hard to Reach	WFP	World Food Programme
IFAIN	International Foundation Against Infectious Diseases in Nigeria	WHO	World Health Organization
KNARDA	Kano State Agricultural and Rural Development Authority	WSU	Washington State University

Table of Content

• About eHealth Africa	3
• Letter from Chairperson	4
• Letter from Executive Director	5
• ICT Services	6
• Project Logistics	8
• Data Management	14
• Physical Infrastructure	24
• Our 2022 Solutions	30
• This Year at eHA	32
• Our Partners	34

About eHealth Africa

OUR MISSION

eHealth Africa's mission is to build stronger health systems through the design and implementation of data-driven solutions that respond to local needs and provide underserved communities with tools to lead healthier lives.

OUR VISION

Based in Africa, we establish new standards in health delivery and emergency response through the integration of information, technology, and logistics.

OUR VALUES

Impact and Quality: We push ourselves to maintain high standards ensuring that we produce the most meaningful results in everything we do, no matter how big or small.

Innovative Problem Solving: We maintain a worldview driven by possibilities, not limitations. We take smart risks and foster an environment where creativity and innovation thrive.

Integrity: We are honest and truthful in our work. We always do what is right, even when it is not easy. We put our values into practice and hold each other accountable.



Evelyn Castle

eHealth Africa
CHAIRPERSON OF THE BOARD

I am honored to be writing the first ever “Letter from the Board Chairperson” for eHealth Africa’s 2022 Annual Report. This year has been a huge year of maturity for eHealth Africa. We welcomed Juliet Odogwu to serve as our first “new” Executive Director and our latest addition to the Board of Directors. It is a testament to the whole organization that not only did the organization remain steady during this transition, but thrived and grew.

Additionally, the eHealth Africa Board of Directors worked to mature the function of the Board by developing committee structures, formalizing board processes, and attending an exciting inperson strategy meeting in Nigeria. We are especially proud to see the collaboration and support between eHealth Africa and eHealth Africa’s sister companies, EHA Clinics and eha Impact Ventures, and how they are working together to create an ecosystem to improve access to quality healthcare in Africa.

Thank you to my fellow board members, our donors and partners, and of course, all the staff at eHealth Africa. The Board remains committed to supporting the Executive Director in her journey leading eHealth Africa and we are excited to see eHA’s continued growth in 2023.



Juliet Odogwu

It has been an iconic year and a great privilege to lead eHealth Africa, an incredible and diverse organization. I am proud to acknowledge the exponential growth and success of the organization over the last decade: this was possible because of the close collaboration between the organization’s leadership team, board of directors, partners & donors, and our excellent staff.

As we reflect on Year 2022, the truth of this statement becomes even more evident. Thanks to the overwhelming support we received from our donors and partners, we implemented several projects across different countries contributing to strengthening public health systems.

We are also proud to have supported the government of Nigeria in efforts to improve COVID-19 vaccination coverage with the optimization of the national Electronic Management of Immunization Database (EMID) platform and state-of-the-art ICT infrastructure at National Primary Health Care Development Agency (NPHCDA) for improved implementation.

As I go through these results and the numerous other successes detailed in this year’s Annual Report, I am impressed at what has been achieved this past year. The year came with its challenges, but our workforce never wavered from our mission and values. They exceeded the organization’s target despite the roadblocks and insecurities in Nigeria. I appreciate our talented group of professionals.

To all our Partners & Donors, I thank you for having faith in our organization and giving us the opportunity. We are committed to living up to that trust as we work to fulfill our purpose and create value for the communities we serve. I also thank our Board of Directors, for giving me this opportunity and for the helpful guidance as I continue to settle into this role. I look forward to working with the Board for years to come.

I appreciate you all.

Key Achievements in 2022

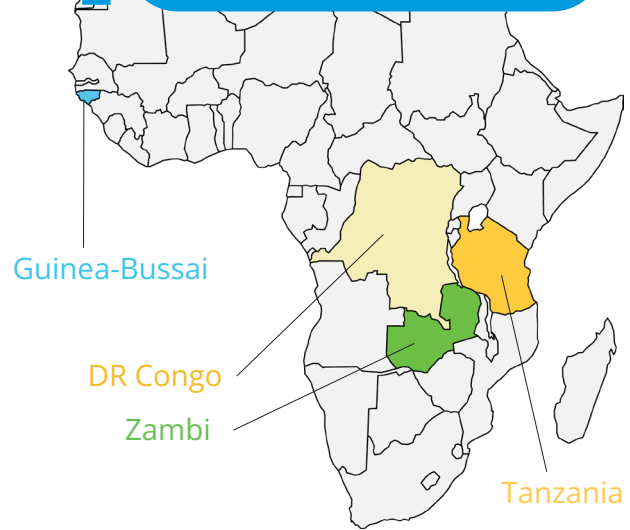
Our Vaccine Direct Delivery Services.

4,434,317
Antigens
Delivered

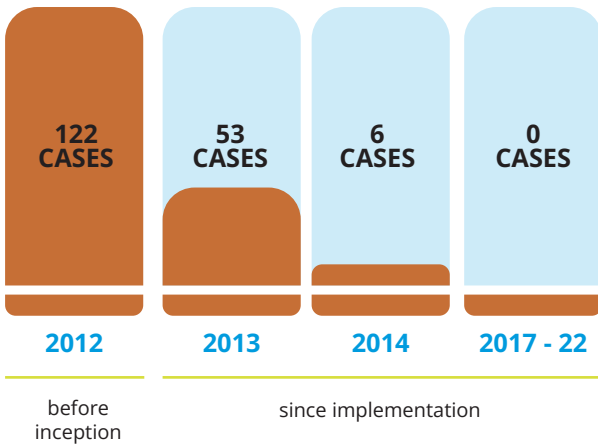
2,426,806
Dry Goods
Delivered

in over 3,000
successful deliveries

4 completed
Polio Emergency Operation
Centers (PEOC) handed over
to the Ministries of Health in



Since implementation of the PEOCs in 2012, Nigeria has recorded a significant reduction in the number of Wild Poliovirus cases;



52,349mT

mixed commodities
dispatched in 2022

Over 2,000
UNHRD pallets
dispatched to
Port Harcourt

Over 1000
UNHRD
dispatched to
Maiduguri

50,495mT

mixed commodities
received in 2022

We enabled GIS tracking of
Community Drug Distributors
(CDD) in Adamawa and Yobe
State

36 LGAs

**21,809
settlements**

3,387 missed settlements
identified

Detailed Energy Surveys



247
non-urban
enumerations

12 States

3 Geo-Political
Zones

Section 1:

ICT Services

- *Integrated National Serosurveillance in Nigeria*

Integrated National Serosurveillance

in Nigeria Project

The aim of the project is to expand capacity for integrated serosurveillance at National Reference Laboratory (NRL) and the Nigerian Centre for Disease Control (NCDC), establishing capacity to conduct multiplex testing, collect, store, and analyze the results. It also aims to lay the foundation for additional capacity building activities, ensuring availability of results to inform public health programming in Nigeria.

Results:

- Improved capacity of the NCDC to conduct integrated national serosurveillance and expand the breadth of serosurveillance data available to support public health programming.
- Strengthened integrated serosurveillance in Africa.

Story of change ▼

"eHA has made significant contributions to the NCDC-NRL and has provided real-time support (both remote and onsite) to the power team at the facility since the inception of the project. It has also been very helpful with providing technical support and capacity building to the team to handle issues at the NRL."

- NCDC Power Lead, Mr John Igwe."





Section 2:

Project Logistics

- *Management of Common Storage Site Project (Ngala and Dikwa)*
- *Accelerating Nutrition Results in Nigeria Project (ANRIN)*
- *Electronic Management of Immunization Data Project (EMID)*
- *Safety and Antimicrobial Resistance of Mass Administration of Azithromycin on Children 1-11 Months in Nigeria (SARMAAN) Project*
- *Sokoto VDD Project*

Management of Common Storage Site Project (Ngala and Dikwa)

The aim of the project is to provide effective storage management services for the Logistics Sector site in Ngala. The specific objectives are:

- To provide effective storage management services for the Logistics Sector in Ngala.
- To provide an effective inventory management system for humanitarian partners' relief materials and food items for WFP.

- To promptly respond to the storage request/needs of the Logistics Sector and other humanitarian partners in a way that improves their operational efficiency.





Story of change

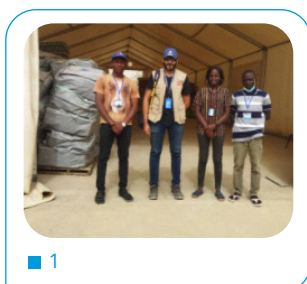
There was a damaged culvert at the entrance of the warehouse that had existed long before eHealth Africa took over the management of the warehouse. A staff of another organization got wind that we were taking over the management of the warehouse and said that "eHealth Africa would repair this broken culvert". We got to know that he had seen how we work while he was at Ngala. Also, we installed a CCTV system with solar power for the first time at the warehouse.

- Adekunle Areo, Senior Coordinator, Operations, eHA, Borno Office,

Results:

Jan. 2022 - Dec. 2022

Parameters	Ngala	Dikwa
 Weight of items handled	789.379mT	513.784mT
 Volume of items handled	4,157.564m ³	513.784mT
 Number of Consignments Handled	214	169
 Number of I/NGOs using the common storage facility	12	10



1. Logistics Sector Coordinator Nigeria: Muhsin Mufti (2nd from left) Kingsley, Margret and Alhaji
2. Items being released to partners from the MSU by Porters
3. Unloading a truck to stack in the MSU

Accelerating Nutrition Results in Nigeria **Project (ANRIN)**

Story of change

The ANRIN project is a performance-based financing contract funded by the World Bank to deliver an Integrated Basic Package of Nutrition Services (BPNS) and Adolescent Health Services (AHS). The project, through a mix of counseling and service delivery aims to increase the utilization of quality, cost effective nutrition services to pregnant and lactating women, adolescent girls and children under five years in twelve local government areas of Kaduna State namely: Kaduna North, Kaduna South, Chikun, Kajuru, Kachia, Kagarko, Kaura, Zangon Kataf, Jaba, Jemaa, Sanga, and Ikara

"I appreciate eHealth Africa for respecting the disability law by engaging people with disability for project activities"

- Buhari Usman Adamu, Service provider

Results



138,376 pregnant and lactating women were reached with breastfeeding promotion and support and complementary feeding promotion



61,700 children, 6 - 23 months were reached with micronutrient powders



170,986 children, 6 - 59 months were reached with vitamin A supplementation



153,056 children, 6 - 59 months were reached with Zinc/ORS



116,729 pregnant women were reached with thirty IFA supplementation tablets



174,010 children, 12 - 59 months were reached with deworming contacts



96,128 pregnant women were reached with a dose of SP/Fansidar (IPTp) for malaria



15,958 adolescents were reached with short term and counseling



7,613 adolescents were reached with LARC and counseling

Electronic Management of Immunization Data

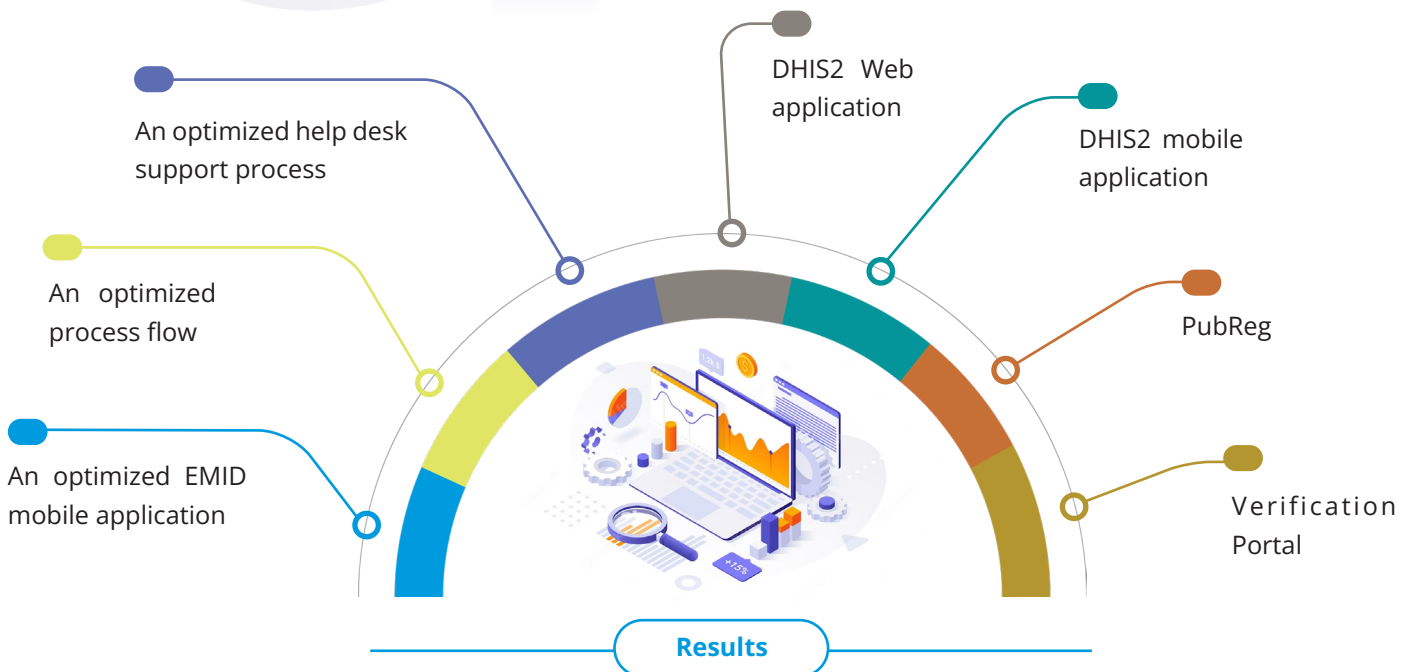
Project (EMID)

eHealth Africa (eHA) supports the National Primary Healthcare Development Agency (NPHCDA) in optimizing the functionality of the EMID System as contracted in March 2022 by Global Alliance for Vaccines and Immunization (GAVI).

This system facilitates the overall management of immunization data and other PHC programs along with vaccination scheduling, real-time entry of client's data, collation, analysis, and validation of client's data.

Story of change

Kasim Sani, the network manager, of the NPHCDA ICT unit, when asked about the impact of the help desk setup, stated that; - The agency, in general, is very happy with the internet speed, also the ICT office is now the best office in the agency - we receive compliments from our local and international partners.



■
 Fig 2: A sample collector taking nasal swab sample from an eligible child in Kebbi state
 Photo credit: eHA

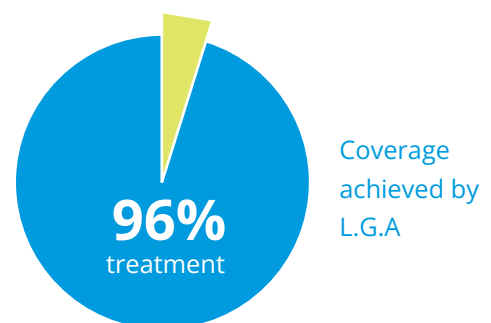
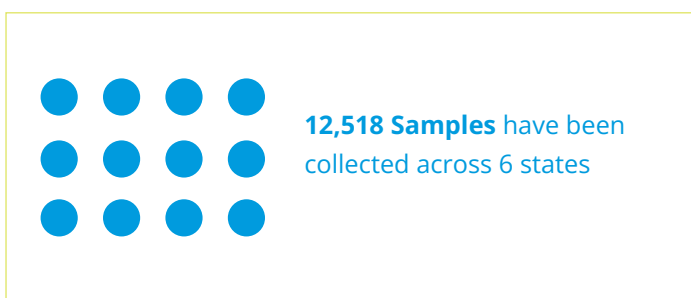
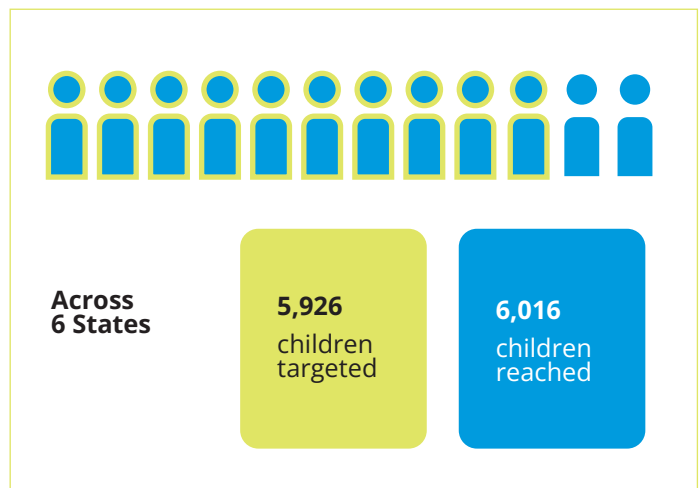
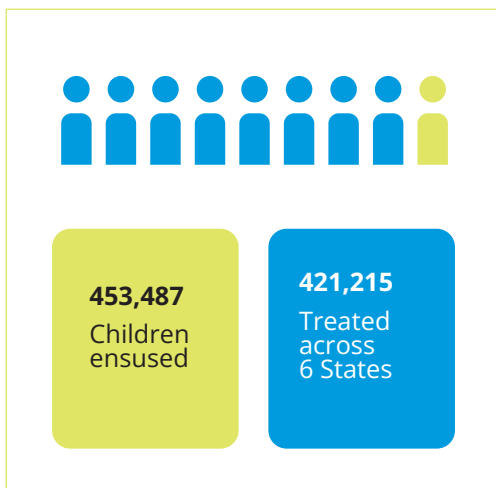


Safety and Antimicrobial Resistance of Mass Administration of Azithromycin on Children 1-11 months in Nigeria (SARMAAN) Project

The SARMAAN research project is aimed at providing evidence to understand the extent of mass administration of Azithromycin in reducing all causes of mortality in infants.

The role of eHealth Africa includes digitization of the study tools, creation of the study database, dashboard for result visualization, and technical support during the implementation of field activities in Kebbi, Jigawa, Kano, Abia, Akwa Ibom, and Sokoto states.

Results:



Sokoto VDD Project

Vaccine Direct Delivery (VDD) is a third party logistics (3PL) service provided to the State Primary Healthcare Development Agency, to provide effective and efficient distribution of potent vaccines and dry commodities from state cold stores to cold-chain equipped health facilities at the ward level.

Results:



1,139,234 were immunized this year based on data retrieved from the health facilities



+



Story of change ▼

"VDD data has been very reliable and it's the major source of our data"

- Musa Umar, Solina RI Consultant, Sokoto



Section 3:

Data Management

- *COVID-19 Data & Logistics Project*
- *Health Telematics Infrastructure Project (HTI)*
- *Quantitative Energy Surveys PeopleSuN Project*
- *World Food Programme (WFP) Warehouse Kano Project*
- *Data for Action Project*
- *SMC GIS eTracking Project for Adamawa and Yobe*
- *Polio GIS Tracking Support Project*
- *Improving Digital Support for the Malaria Programme in Nigeria Project*

COVID-19 Data & Logistics Project

ehealth Africa (eHA) provided data and logistics support to Nigeria Center for Disease Control (NCDC) as part of the country's COVID-19 pandemic response. This included supporting NCDC to effectively manage the identification and testing of suspected COVID-19 cases, improving the capacity of health workers and tracking and managing COVID-19 commodities and their utilization.

CAPACITY BUILDING

Capacity building of 25 key members of the NCDC-NRL Laboratory and Data team on the utilization of the LIMS completed by eHA and Naralabs

25



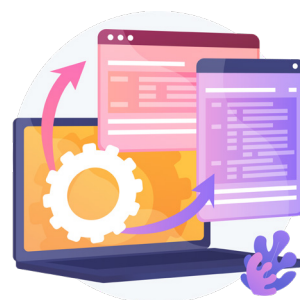
14

Capacity building for 14 key members of the NCDC Supply Chain team on utilization and system administration for the LoMIS

9

Capacity building for 9 key members of the NCDC ICT team on implementing future systems configurations on LoMIS

DEPLOYMENT



Deployment of SENAITE LIMS at the NCDC-NRL

Deployment of fully customized LoMIS at the NCDC to support COVID-19 supplies inventory management at NCDC facilities and warehouses at the national level

Health Telematics Infrastructure Project (HTI)

The aim of the HTI project is to improve HIV and TB diagnosis and treatment through the design, implementation and evaluation of a new health telematics system adapted to local healthcare needs in Tanzania. The system bridges the gap between centralized diagnostic facilities, rural populations in the Ifakara catchment area, and their primary healthcare workers using a custom e-health solution. Instead of patients moving to and from facilities for diagnosis and treatment, which has routinely caused high treatment dropout rates and HIV and TB cases going entirely undiagnosed, samples are more time-efficiently transported and information securely transmitted via the Health Telematics Infrastructure (HTI) system and integrated sms gateway.

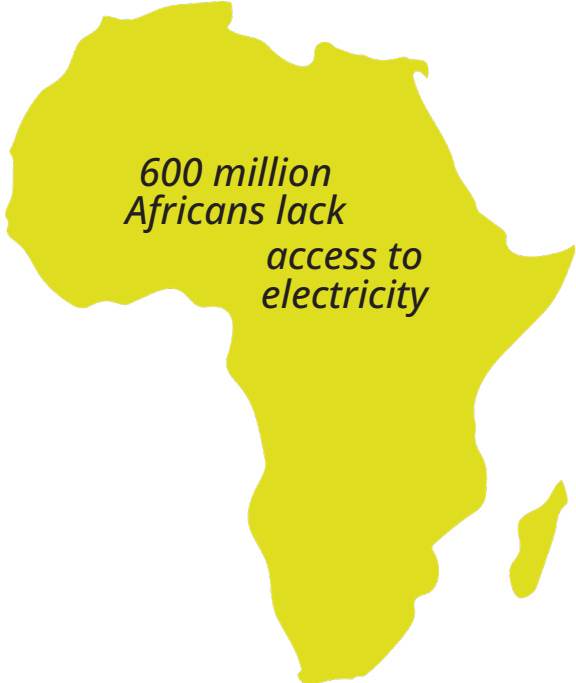
Results

- Improved HIV/TB diagnosis & treatment through the design, implementation & evaluation of a new health telematics system adapted to local healthcare needs in a rural Tanzanian setting.
- Decreased treatment dropout rates TB/ HIV patients.
- Real-time monitoring of disease incidence & performance for detection and appropriate response to delays/problems





Code 63 conducting H/H Survey in Malumfashi LGA, Katsina State

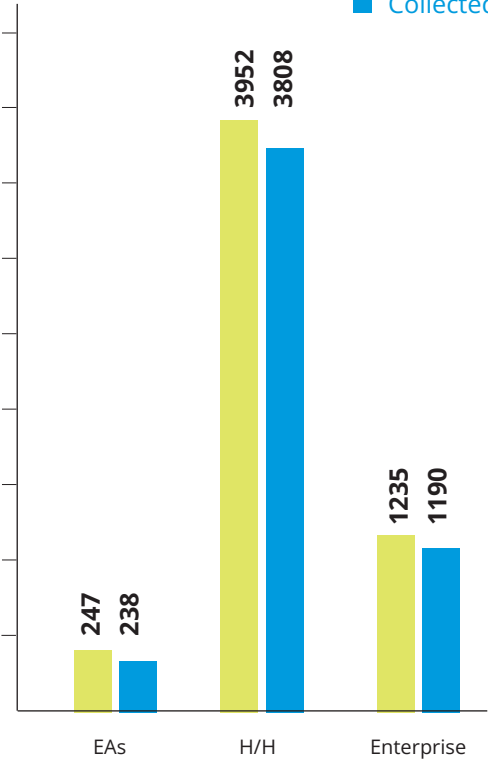


Quantitative Energy Surveys **PeopleSuN Project**

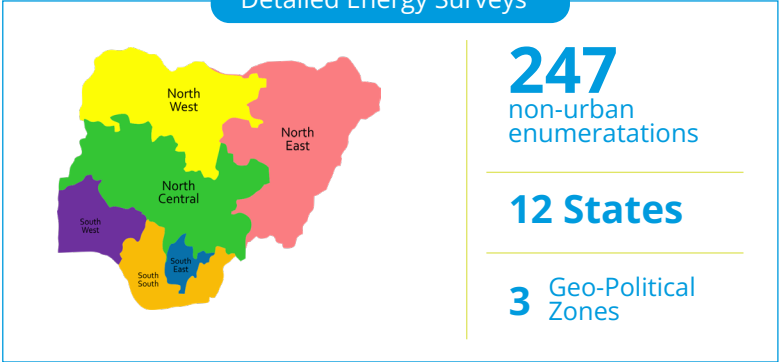
Renewable energy forms a key milestone on the African continent for social and economic development. The lack of access to electricity by most people - "in Africa", has brought about the need to improve access to electricity. PeopleSuN, a highly inter- and transdisciplinary project seeks to support this goal, with Reiner Lemoine Institut (RLI), partnering with and engaging the expertise of eHealth Africa (eHA), as a consultant 'to be responsible for the turn-key implementation of detailed energy surveys of households and enterprises across 247 non-urban enumeration areas of three geo-political zones in Nigeria' involving a total of 12 states.

Results:

- Expected
- Collected



Detailed Energy Surveys



World Food Programme (WFP) Warehouses **Kano** **Project**

The project is a third party warehouse/logistics service provided to support the WFP to store and dispatch food commodities like rice, beans, sorghum/millet, oil, salt and some supplements to Borno, Yobe, Katsina, Zamfara and any other state programmed to benefit from it. It is the 2nd largest Food Hub in the world.



Results:

52,349mT
mixed commodities
dispatched in 2022

50,495mT
mixed commodities
received in 2022
this year



Port-harcourt

Over 2,000 UNHRD
pallets dispatched



Maiduguri

1,000 UNHRD pallets
dispatched

Data for Action Project



The training was vital, easing communication to stakeholders and has enabled the state to have more capacity on data analysis and management.

- Ibrahim Al-Mustapha,
Surveillance officer.

Story of change ▶

The project objectives are to:

- Identify bottlenecks to timely detection, response, and control of disease outbreaks in Kano and Kebbi states.
- Establish the flow, management, and integration of data into the EOC to deliver on data products.
- Build capacity of PHEOC staff to deliver on prototypes of data products and integrate into PHEOC workflow through training and coaching.
- Demonstrate the use of data products for performance management/systems improvement.
- Support the NCDC to improve sub-national capacity for the use of the SORMAS platform in Kano and Kebbi states.
- Strengthen data visibility and visualization capacity in Kano and Kebbi states, leveraging existing SORMAS data.

Results:

Output	Indicator	Target	Achieved
▶▶▶ 120 GB of mobile data for participants, Dec to Feb 2022.	Participants that receive 120 GB mobile data, Dec - Feb 2022	16	16
▶▶▶ Capacity building session in Kano and Kebbi for PHEOC	Trained participants	16	16
▶▶▶ Data Products utilized by PHEOCs and NCDC EOC staff for disease surveillance (Kano and Kebbi)	Availability of dry-run report (Kano)	Yes	No
	Average % score on how to produce and use data product	160	191
	Community informants trained on disease identification, integration of data products and use	20	71
	Training hours on identification, integration of data products and use (Kano)	16	42
	Female personnel trained on disease identification, integration of data products and use (Kano)	10	6
▶▶▶ Implement supervisory visits to Kano and Kebbi states conducted	Number of supervisory visits conducted	2	2
	Number of virtual check-ins	3	5
▶▶▶ Major data bottlenecks in outbreak detection and response identified in PHCEOCs in Kano and Kebbi	Availability of Kebbi bottleneck assessment report (Kano and Kebbi)	Yes	Yes
▶▶▶ Mini-grants disbursed to PHEOCs to address identified data bottlenecks completed in Kano states	Availability of PHEOC grant disbursement report (Kano and Kebbi)	Yes	Yes



Image II&III: CDD Team supervisor, Buhari Bello (left) marks a house after administering SMC in Kofar Arewa Yusufari LGA, Yobe state. Photo Credit: eHA

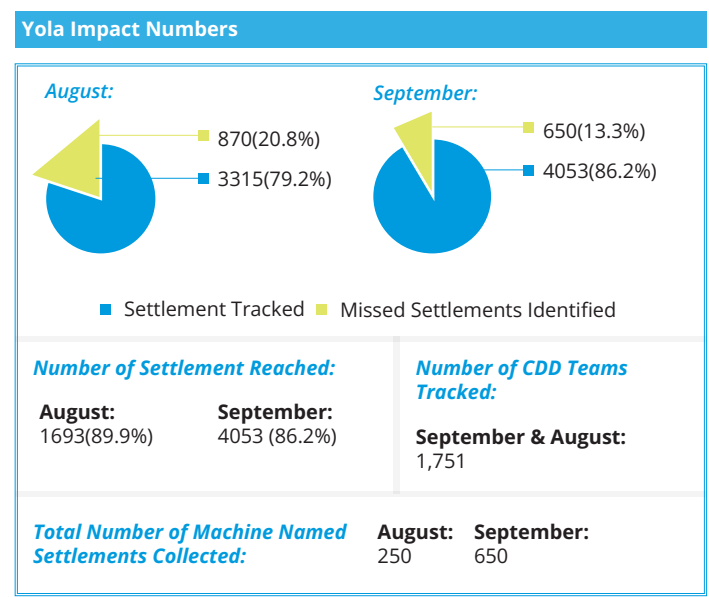
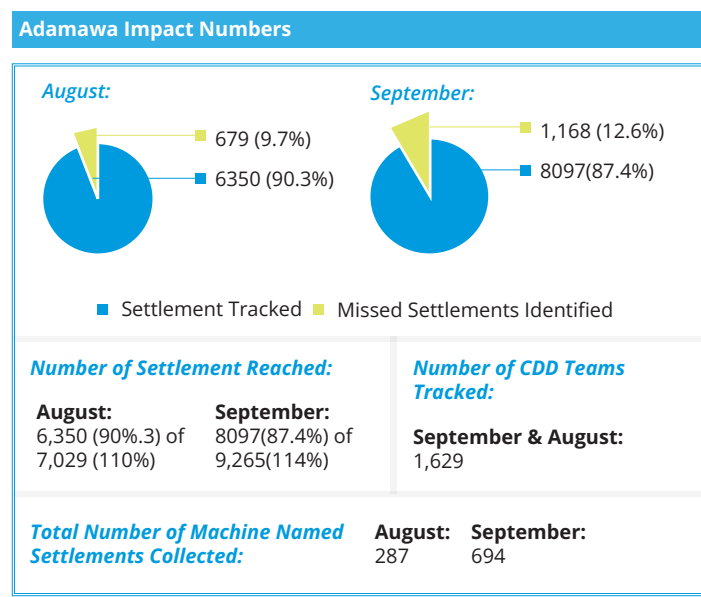
SMC GIS eTracking Project for Adamawa and Yobe

Seasonal Malaria Chemoprevention Campaign is recommended by WHO during the onset of the rainy season; this involved the distribution and utilization of drugs, tools and stationary to all 21 and 17 LGAs of Adamawa and Yobe state respectively.

In order to effectively monitor the movement of the campaign, the tracking support covered, the development of micro-plan templates and micro-

planning activities, deployment of mobile phones, and tracking of Community Drug Distributors (CDD) in 38 LGAs (21 and 17 in Adamawa, and Yobe respectively), conducting geospatial analysis, interpreted in isoline and dot maps of reached and unreached settlements, generate geodatabase (GDB), reporting, and update of the States Master list of Settlements.

Results:

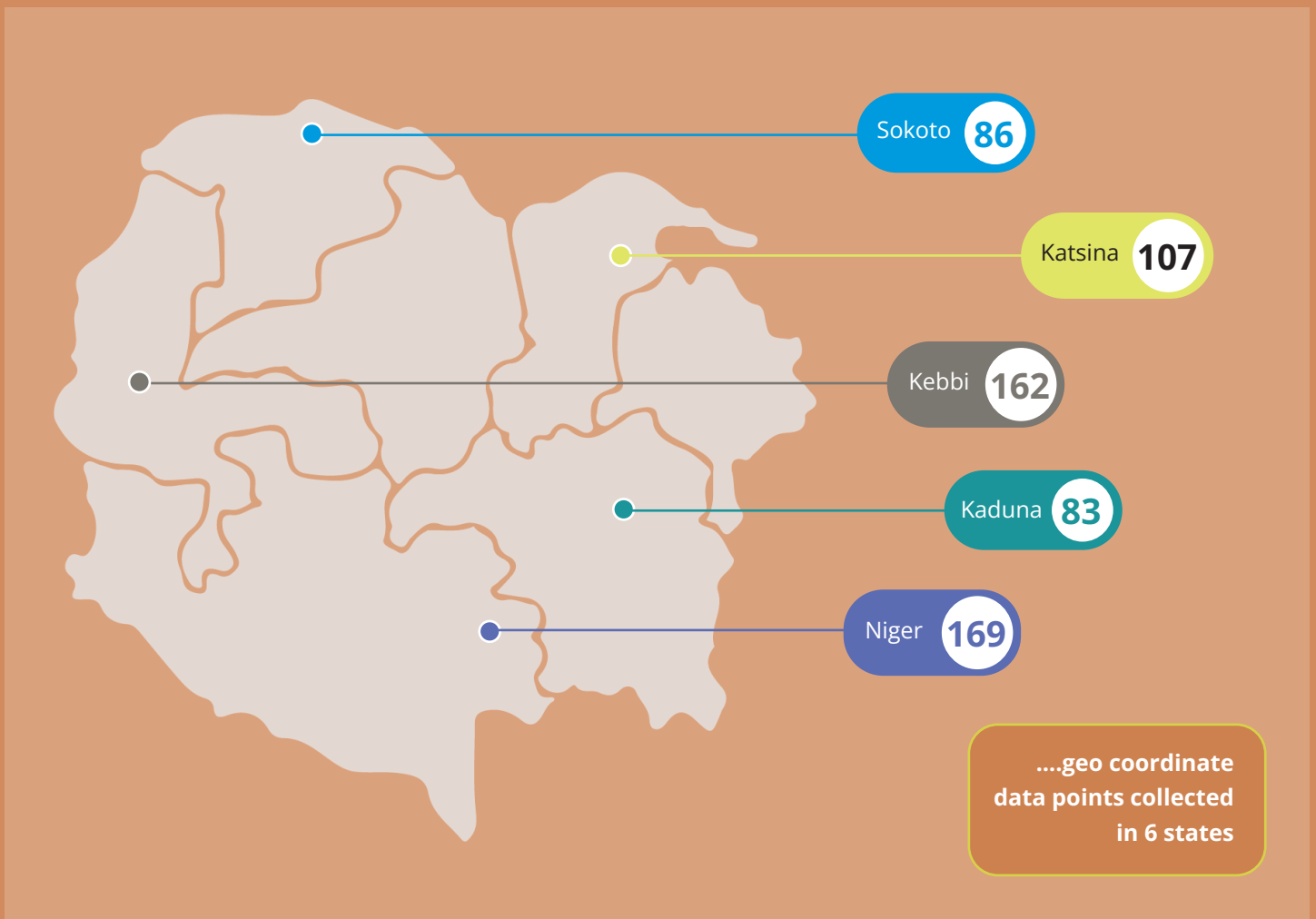
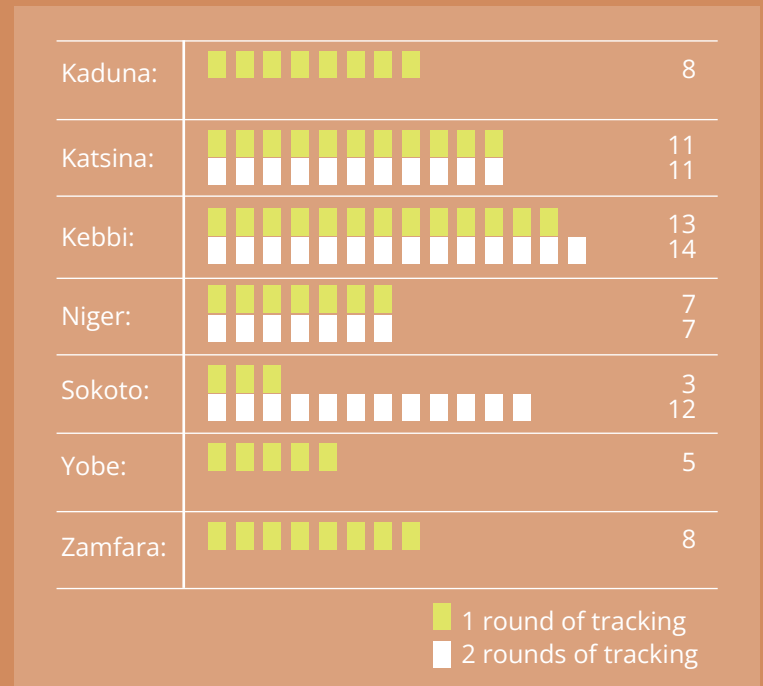


Polio GIS Tracking Support Project

eHealth Africa supports NPHCDA's efforts to improve polio outbreak response in Nigeria with a focus on circulating variant polio virus, cVPV2, by providing GIS support including tracking of vaccination teams visitations to inaccessible and partially accessible local government areas (LGAs) in security compromised states and analysis of the GIS data for decision making. The project is being implemented in 7 priority states- Kaduna, Katsina, Kebbi, Niger, Sokoto, Yobe and Zamfara states.

Results:

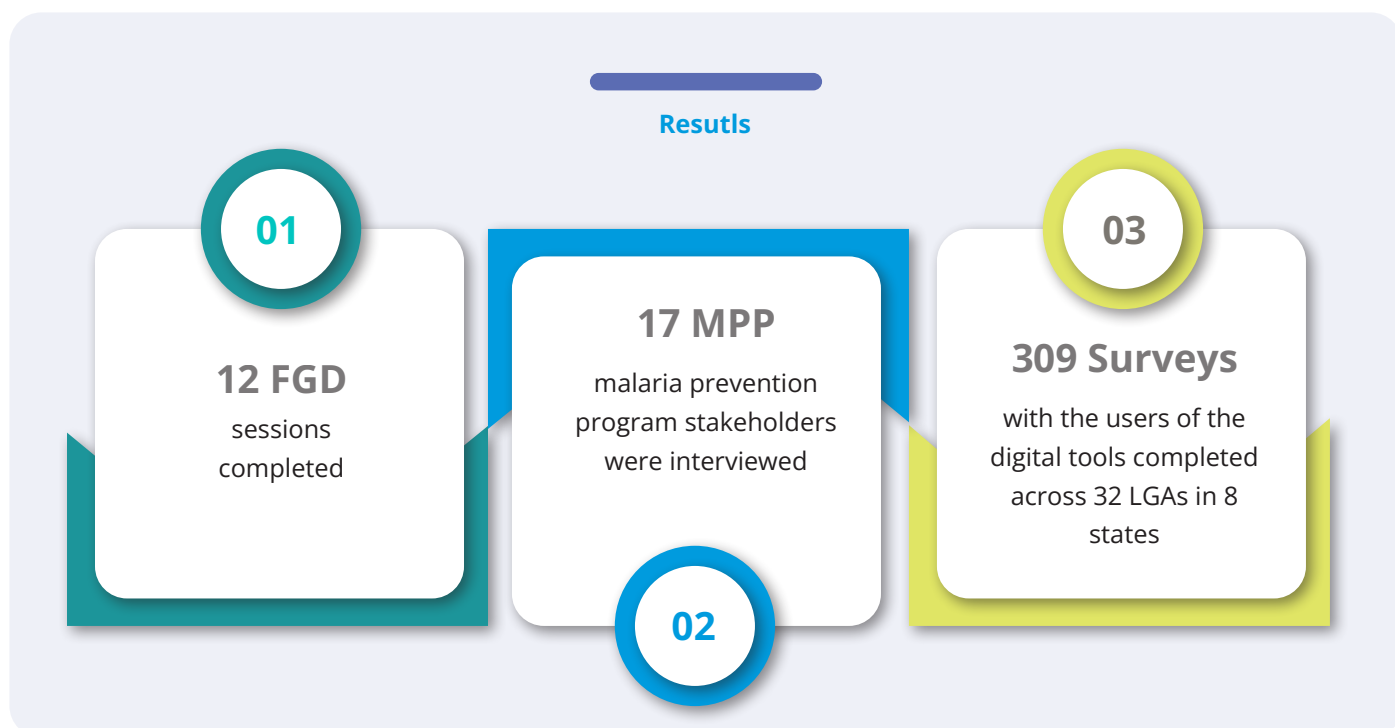
LGAs supported with tracking of vaccination teams



Improving Digital Support for the Malaria Programme in Nigeria Project

eHA's mandate in this project is to explore how digital tools can improve effectiveness in Malaria program interventions (ITN and SMC) in Nigeria as well as navigate opportunities to optimize and integrate existing technology platforms targeted specifically to malaria campaigns in Nigeria. The assessment cut across thirty-two (32) LGAs across 8 states in Nigeria that have utilized

digitized tools for malaria campaigns. The eight states are Delta, Taraba, Jigawa, Gombe, Nasarawa, Kwara, Ogun and Oyo. The selection of the study locations were based on four factors; geo-political zone representation, use of digital tools for malaria campaigns, population density, and security considerations.



*We do what we do
because we believe that
every person in that
community deserves
access to tools which
enable them to lead
healthier lives.*

We are eHealth Africa





Section 4:

Physical Infrastructure

- *Support to Polio outbreak Control Rooms in Africa Project*
- *Support for Laboratory Supplies Project*
- *Geolocated Health Facilities Database (GHFD) Project*
- *Polio Emergency Operation Centre (POLIO EOC) Project*
- *Blood Information System for Crisis Intervention and Management (BISKIT) Project*

Support to Polio Outbreak Control Rooms in Africa Project

Despite successfully combating Wild Poliovirus (WPV), the growing cases of circulating Vaccine-Derived Poliovirus 2 (cVDPV2) in a large number of African countries requires a focused effort to strengthen and/or set up Polio Outbreak Control Rooms (POCRs) that can effectively help the affected countries coordinate the fight against the virus, including the introduction of novel OPV.

These POCRs will also be important in addressing broader vaccination challenges and ensuring better coordination, collaboration, and country ownership of routine immunization for a number of diseases.

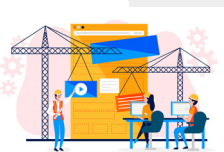
Results: Active Project Sites.

There are currently nine active sites located in six different countries.



Completed:

Guinea Bissau, Zambia, Tanzania- Dodoma, DR Congo, Tanzania- Zanzibar, Somalia- Kismayo, Somalia- Mogadishu, Malawi.



Ongoing:

Somalia- Dhusamareb.



Upcoming:

Mozambique- Tete, Mozambique- Maputo NPHEOC, Mozambique- Maputo MISAU, Madagascar, Cameroun- Extreme North region, Congo- Brazzaville, DR Congo- Tanganyika, DR Congo- Maniema, DR Congo- Haut Lomami, Somalia- Baidoa, Somalia- Jowhar, Somalia- Garowe, Somalia- Banadir Municipality.



POCR Project Manager; Oluwaseun Sodipe, presenting work tools for the POCR to the Permanent Secretary (PS) during the handover ceremony in Dodoma, Tanzania

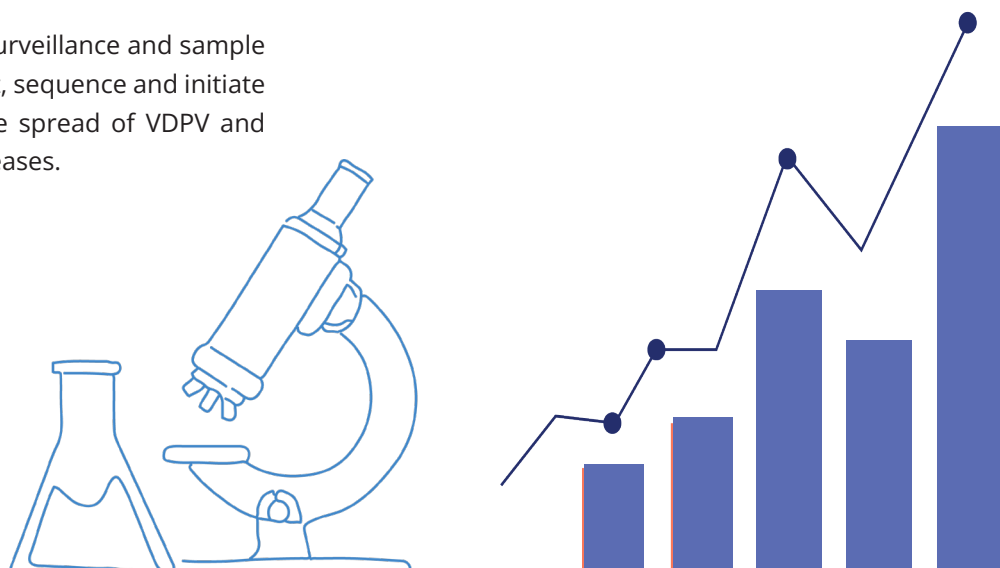
Story of change ▼

“With the joint efforts of the government and all the partners, the PEOC in Dodoma will help to improve the quality of public health emergency response in Tanzania. It will function at the national level during emergencies and ensure proper response to other outbreaks beyond polio.”

- Dr Delayo Zomahoun, Tanzania
GPEI Coordinator.

Support for Laboratory Supplies Project

The project aims to improve surveillance and sample analysis to more rapidly detect, sequence and initiate response activities against the spread of VDPV and other vaccine preventable diseases.



Geolocated Health Facilities Database (GHFD) Project

The GHFDi project was designed to improve the capacity of participating countries to curate, manage and update their health facility master list and use the data to inform healthcare services planning and delivery. The global idea is to establish a WHO-managed health facilities database that will provide information on the location, functionality status and type of health facilities in WHO-member states.

Results:

01

5 countries to be engaged for implementation and 4 have been implemented successfully

02

Data Harmonization have been successfully completed for the 4 countries (Cameroon, Gambia, Seychelles and Togo) we have engaged

03

4 Country situation analysis completed with work plan and budget

04

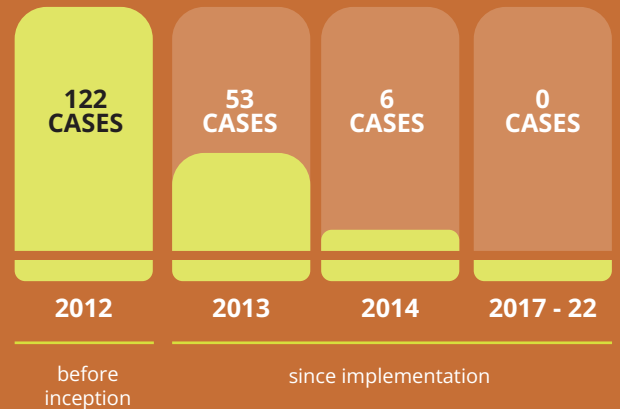
4 Final reports are developed and shared with the WHO HQ

Polio Emergency Operation Centre (POLIO EOC) Project

The aim of the project is to improve coordination, transparency, accountability and efficiency among target stakeholders for Polio eradication in Nigeria.

Results:

Since implementation of the PEOCs in 2012, Nigeria has recorded a significant reduction in the number of Wild Poliovirus cases;



	No. of Public Health emergency meetings supported by eHA	No. of partners utilizing the EOC facility	No. of Campaigns eHA Supported during Public Health Emergencies	No. of Polio Emergency Meetings supported by eHA	# of Polio campaigns meetings supported by eHA	Other meetings held in the EOC
Q1 Achieved	155	28	270	175	104	250
Q3 Achieved	199	20	299	140	76	439
Q2 Achieved	320	55	405	199	82	632
Total Achieved till date	674	103	974	514	262	1321

POLIO EMERGENCY OPERATION CENTRE - 2020-2021 STATISTICS

20

Average number of public health emergency campaign quarterly

29

Average number of public health emergency campaign quarterly

200

Average number of EOC meetings quarterly

200+

partners & stakeholders utilized EOC across 8 states

100+

public health emergency meetings quarterly

50+

EOC staff are using eLearning Data Management Course

50+

polio campaigns received technical support from eHA team

99%

EOC internet uptime

95%

E1 line

Story of change

"The EOC has proved beyond doubt as it always fits any kind of Public Health Interventions across the Nation."

- Dr Lawi Auta Mshelia,
BEDSPHCDA

Blood Information System for Crisis Intervention and Management (BISKIT) Project

The BISKIT project contributes to the resilience of African blood transfusion systems by developing a digital information system for data-based decision-making assuring the supply of safe and quality-assured blood to the African population before, during and after a crisis.

Results

- 01 Delivered an information system(android app) for day-to-day management of blood transfusion activities - from donations till transfusion and adverse event of the transfused patient
- 02 Enabling crisis preparedness and management - tracks adverse events, temperature history, and traces the origin of donations and corresponding Root Cause Analysis and Resolution delivered via a Lookback Dashboard.
- 03 The delivered solution BISKIT application monitors donor recruitments, donations, processing, testing, transportation, storage and issuing of blood products to the receiving patient using GIS.
- 04 The application quickly switches to emergency mode, allowing faster action and alternative release methods of blood reserves.
- 05 Strengthens visibility and optimal accountability with digital evidence for all resources and activities in the chain.
- 06 Optimization of logistical processes via the integration of geographical information.
- 07 Enabled faster time to market via quick plug-and-play in the OpenSource community through advanced API service.

Pic 3: dennis.horstkemper@ercis.uni-muenster.de (BISKIT Researcher from Munster University, during 2022 Berlin Workshop)



Pic 1: Francis Ayo (Technical PM - 1st standing last from right) during BISKIT consortium demo engagement the National Blood Service Ghana (NBSG) in Accra



Section 5:

Our 2022 Solutions



eHealth Africa 2022 Solutions



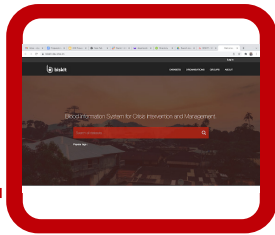
Data Portal

An open access platform to the geospatial data we have collected over the years that can inform public health and data for good interventions and programs



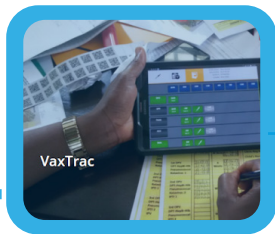
Planfeld

A web-based application that helps you plan and monitor field logistics for public health interventions.



BISKIT

The Blood Information System for Crisis Intervention and Management (BISKIT) is a digital solution that contribute to assuring a sufficient amount of safe and quality-assured blood and blood products before, during and after a crisis.



VaxTrac

VaxTrac, is a clinic-based vaccination registry system which health workers can use in the field to enroll children and track their immunization records. It eliminates the need for paper-based cohort books, tally sheets, and monthly reporting forms and improves health workers accuracy and efficiency.



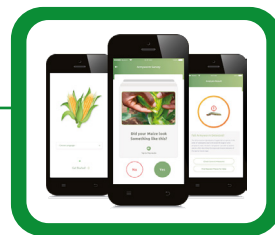
LoMIS Suite

A suite applications that provide critical supply chain solutions that address health commodity availability, vaccine management challenges and enable broader health system policy decisions at the state level and national level.



Kano Connect

Kano Connect is an innovative health systems strengthening tool that facilitates improved communication and information flow across all levels with the goal of increasing coverage of health services across target populations.



CornBot

CornBot is being developed to combat the devastating effect of the Fall Armyworm (FAW) pest destroying farm produce across Africa. It is a multilingual, audio-visual mobile application that farmers interact with - in their local language - to help DETECT, PREVENT, CONTROL and MANAGE fall armyworm (FAW) on their farms.

Section 6:

This Year at eHealth Africa





Section 7:

Our Partners



**Massachusetts
Institute of
Technology**



Federal Ministry
of Education
and Research



CDC Foundation
Together our impact is greater



**World Health
Organization**



ANRiN
ACCELERATING NUTRITION RESULTS IN NIGERIA



**Vital
Strategies**

THINKMD™

**GH+
Labs**



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