



2024 Annual Impact Report



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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



Our Vision

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



Our Core 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.



A High-level Overview of Key Accomplishments for the Year 2024

1,962,785

Vaccines were preserved from wastage through efficient supply chain management.

1230

Partners supported with eHA services in 6 months

30,894

Beneficiaries supported with eHA Services in 6 months (H2)

6,785,852

Children were reached with essential commodities through digital solutions

9,711

Beneficiaries/partners trained on technical competencies in public health emergency management

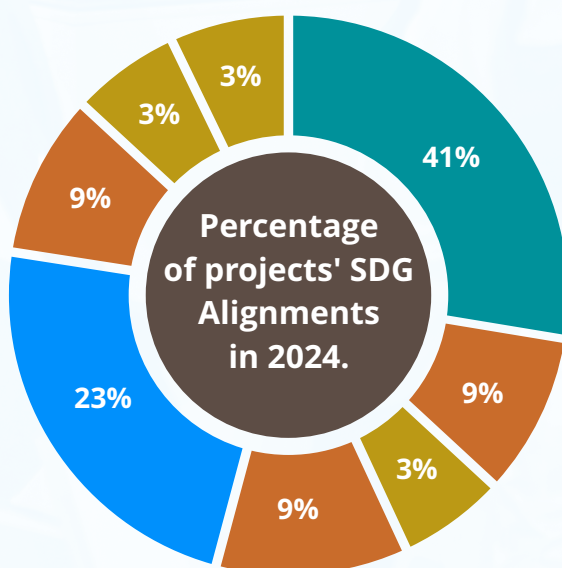
7,632

Public health stakeholders' capacities were built on disease prevention and monitoring competencies

\$ 1,316,543

Saved on vaccines prevented from being wasted in 6 months (H2)

100% of eHA Projects are aligned to Sustainable Development Goals.



- 3% - SDG 1
- 3% - SDG 2
- 41% - SDG 3
- 3% - SDG 5
- 9% - SDG 7
- 23% - SDG 9
- 9% - SDG 10
- 9% - SDG 13



Letter from the Executive Director

Dear Partners, Colleagues, and Friends,

As I reflect on 2024, I am filled with immense pride and gratitude for the collective efforts that have shaped this remarkable year. eHealth Africa (eHA) remains steadfast in its mission to build stronger health systems through innovative, data-driven solutions. Our impact has been profound, reaching millions across Africa with life-saving interventions, strengthening healthcare infrastructure, and fostering sustainable change in the communities we serve.

This year presented both challenges and opportunities. We navigated complex public health landscapes, responded to emergencies, and adapted to evolving healthcare needs. Despite these hurdles, our teams demonstrated resilience, creativity, and an unwavering commitment to excellence. From enhancing our supply chain logistics to expanding digital health solutions, we continued to push boundaries and drive meaningful change.

Through our efforts, 1.9 million vaccines were preserved from wastage, over 6.7 million children received essential healthcare commodities, and we successfully trained over 9,700 public health professionals in emergency response and disease prevention. These numbers are more than statistics—they represent lives saved, communities strengthened, and the fulfillment of our commitment to equitable healthcare access.

At eHA, innovation is at the heart of our approach. This year, we advanced our digital health infrastructure, leveraging tools like the Geospatial Tracking System (GTS) to improve vaccination coverage in remote and security-compromised regions. Our work in emergency operations center (EOC) expansion has strengthened outbreak response mechanisms, ensuring timely coordination and data-driven decision-making. Additionally, our climate adaptation initiatives have reinforced the resilience of public health systems against environmental threats, marking a significant step toward sustainable healthcare solutions.

None of our successes would have been possible without the unwavering support of our partners, donors, and dedicated teams. We are grateful for the collaborations that have fueled our initiatives—from government agencies and global health organizations to grassroots community leaders. The expansion of our women-led economic empowerment programs and the increased representation of female leaders within eHA reflect our commitment to fostering inclusive growth and equity.

As we step into 2025, we remain committed to scaling our impact. Our strategic priorities will focus on strengthening laboratory systems, enhancing financial sustainability, and expanding innovation-driven healthcare solutions. We will deepen our investments in antimicrobial resistance (AMR) response, bolster emergency preparedness frameworks, and drive the adoption of cutting-edge technologies to improve health outcomes across Africa.





The journey ahead is ambitious, but with our collective passion, expertise, and shared vision, I am confident that we will continue to make a lasting difference. Together, we are building a future where quality healthcare is not a privilege, but a reality for all.

Thank you for your continued trust and partnership.

Warm regards,

Atef Fawaz

Executive Director, eHealth Africa



Core Competencies

Global Health Informatics (GHI):

At eHealth Africa, Global Health Informatics is central to our work in transforming healthcare delivery through data and technology. Our bespoke informatics solutions provide real-time data collection, analysis, and visualization, enabling governments and health stakeholders to make informed, evidence-based decisions. By integrating digital tools with public health systems, we empower underserved communities with access to timely and reliable health services, improving outcomes across Africa.

Public Health Infrastructure:

eHealth Africa is committed to building and maintaining robust public health infrastructures. Our team of engineers and project managers design and construct world-class facilities, including laboratories, public health emergency operation centers, and health offices, all adhering to international best practices. We incorporate renewable energy sources to enhance sustainability, ensuring that health systems remain resilient and effective, even in the most remote and resource-limited areas.

Supply Chain Logistics & Last Mile Delivery Systems:

We provide cutting-edge solutions to ensure the efficient distribution of health commodities, such as vaccines, to even the most underserved regions. By addressing bottlenecks and managing resources through data-driven technologies, we enhance the delivery of essential healthcare supplies, strengthening health systems across Africa.

Implementation Research & Data Analytics:

eHealth Africa leads in implementation research and data analytics to drive continuous improvements in public health. We design and deploy data-driven tools to monitor and evaluate health programs, providing actionable insights for policymakers and health professionals. Our expertise in data collection, management, and analysis enables stakeholders to assess program effectiveness, optimize resource allocation, and enhance service delivery for long-term impact.



Our Impact Framework

eHealth Africa (eHA) is dedicated to leveraging data-driven solutions to enhance healthcare delivery and outcomes across Africa. Measuring the impact of our interventions is essential for ensuring accountability, optimizing resource allocation, and strengthening public health systems. This strategy outlines our approach to impact measurement, aligning our programs with global best practices, the Sustainable Development Goals (SDGs), and established frameworks such as the Impact Management Project (IMP) and the Organisation for Economic Co-operation and Development (OECD) Development Assistance Committee.

Why We Measure Impact

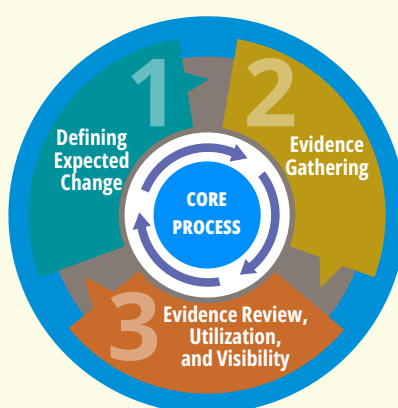
We measure impact to:

- Assess the effectiveness and efficiency of our health interventions.
- Demonstrate accountability to stakeholders, including donors, governments, and beneficiaries.
- Identify gaps, areas for improvement, and opportunities to scale successful interventions.
- Provide evidence-based recommendations for future programming.
- Ensure that our interventions meaningfully contribute to global health priorities, such as Universal Health Coverage (UHC), improved immunization rates, and reduced preventable diseases.

At eHealth Africa (eHA), our impact measurement approach is designed to ensure high-quality program delivery while assessing contributory impact. Three core principles guide our methodology.

1. Defining Expected Change:

Using the human-centered approach, we define the expected changes or results at the organization, program, and project levels. This involves establishing a clear understanding of the change we want, why the change is necessary, who will experience the change, how the change will be achieved, and when the change should occur.



2. Evidence Gathering:

We deploy a systematic approach to collecting data that validates the intended impact across all levels of the results chain. Our blend of routine data, proven evaluation methods, and contributory analysis ensures a comprehensive understanding of how our interventions drive measurable outcomes, including both intended and unintended effects.

3. Evidence Review, Utilization, and Visibility:

At eHA, we conduct periodic and strategic reviews of collected evidence to assess whether the anticipated change is occurring as expected, identify the key drivers of change, determine the cost-effectiveness, and determine whether there are knowledge gaps that require adjustments to program strategies or data collection methods. This participatory review process ensures that our interventions remain responsive, adaptive, and data-driven. We intentionally share the impact of our work, the difference it has made, and what has been learned along the way to all mapped stakeholders to ensure that the difference we make is visible, evidence-based, and scalable, thereby enhancing learning, accountability, and sustainability in all our programs.



Public Health Emergency Management



Public Health Emergency Management



Public Health Emergency Management is a critical pillar of Nigeria's health security framework, aimed at protecting communities from epidemics, pandemics, and other public health crises. In recent years, Nigeria has faced recurring health emergencies, including outbreaks of poliovirus, Lassa fever, cholera, meningitis, and COVID-19. These challenges highlight the urgent need for a rigorous, coordinated response to public health threats.

At eHealth Africa (eHA), our Public Health Emergency Management programs strengthen the capacity of governments and health organizations to detect, investigate, and respond to health threats swiftly and effectively. We support the development of emergency operations centers (EOCs), integrate real-time data collection systems, and provide logistical support to ensure timely, coordinated responses—even in remote regions. These systems minimize the impact of disease outbreaks on vulnerable populations across Africa.

The Bill & Melinda Gates Foundation (BMGF) has been instrumental in funding the establishment and operation of Polio Outbreak Control Rooms (POCRs) and EOCs across Africa. Since the launch of the POCR project in 2021, eHA has established 39 POCRs in 20 African countries. These facilities serve as critical public health infrastructure, enabling rapid decision-making, efficient outbreak containment, and improved emergency preparedness. Through these initiatives, eHA has significantly strengthened national capacities to detect, prevent, and respond to infectious disease outbreaks.

As part of our commitment to health emergency response in Africa, eHA's Public Health Emergency Management program fosters resilience by enhancing preparedness, early detection, and response capabilities. We also provide operational and logistical support to strengthen emergency preparedness, stakeholder coordination, and health system capacity across the continent.



Featured Projects:

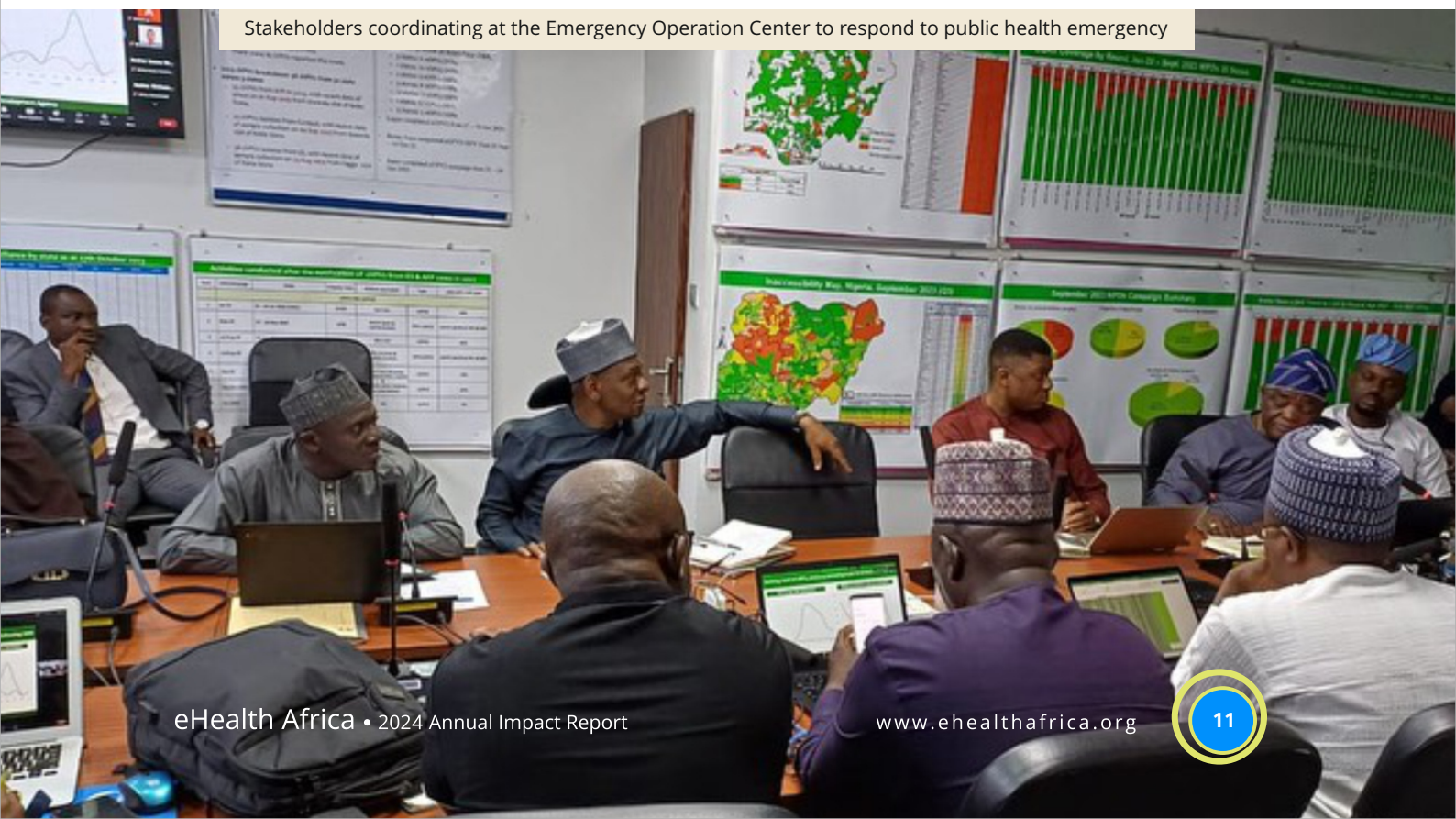
1. The Polio Outbreak Control Rooms (POCRs) project strengthens governments across Africa in combating polio and other vaccine-preventable diseases by establishing control rooms and providing essential support (Niger, Burundi, Chad, Guinea, Somalia).
2. The Polio Emergency Operations Center (PEOC) project provides a centralized hub for state health administrators and partners to coordinate responses, develop solutions for polio and other public health challenges, and enhance the national healthcare system. (This project is implemented in 8 states in Nigeria - Kano, Kaduna, Niger, Katsina, Borno, Kebbi, Zamfara, Abuja).

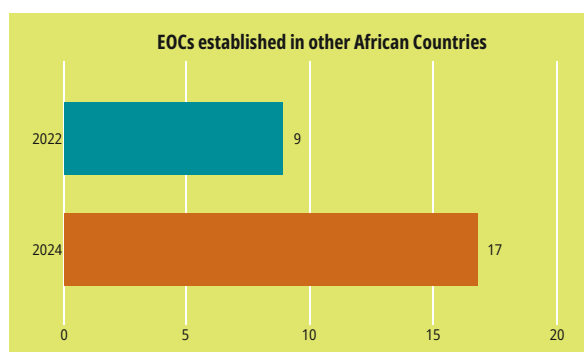
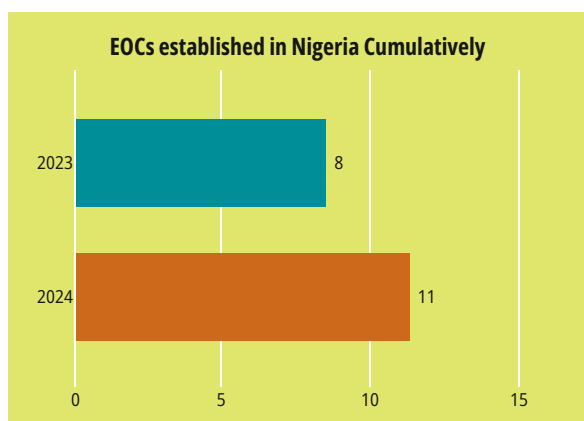
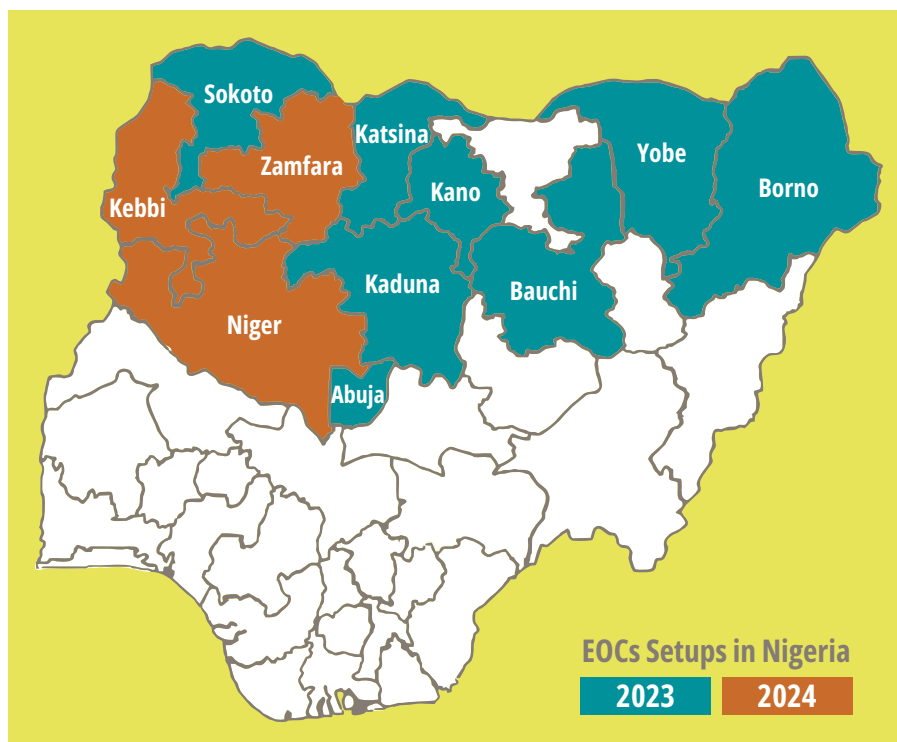
Key Impact:

1. Expanding Emergency Operations Centers in Africa

Since 2012, eHA has played a pivotal role in establishing functional EOCs in Nigeria, ensuring better outbreak response coordination. By the end of 2023, eHA had facilitated the setup of eight EOCs across Abuja, Bauchi, Borno, Kaduna, Kano, Katsina, Sokoto, and Yobe. In 2024, 3 additional functional EOCs were established in Niger, Kebbi and Zamfara states, bringing the total EOCs to 11 by the end of 2024. Additionally, eHA achieved a 90% delivery rate for procured emergency response items within the set 12-week timeline.

Stakeholders coordinating at the Emergency Operation Center to respond to public health emergency







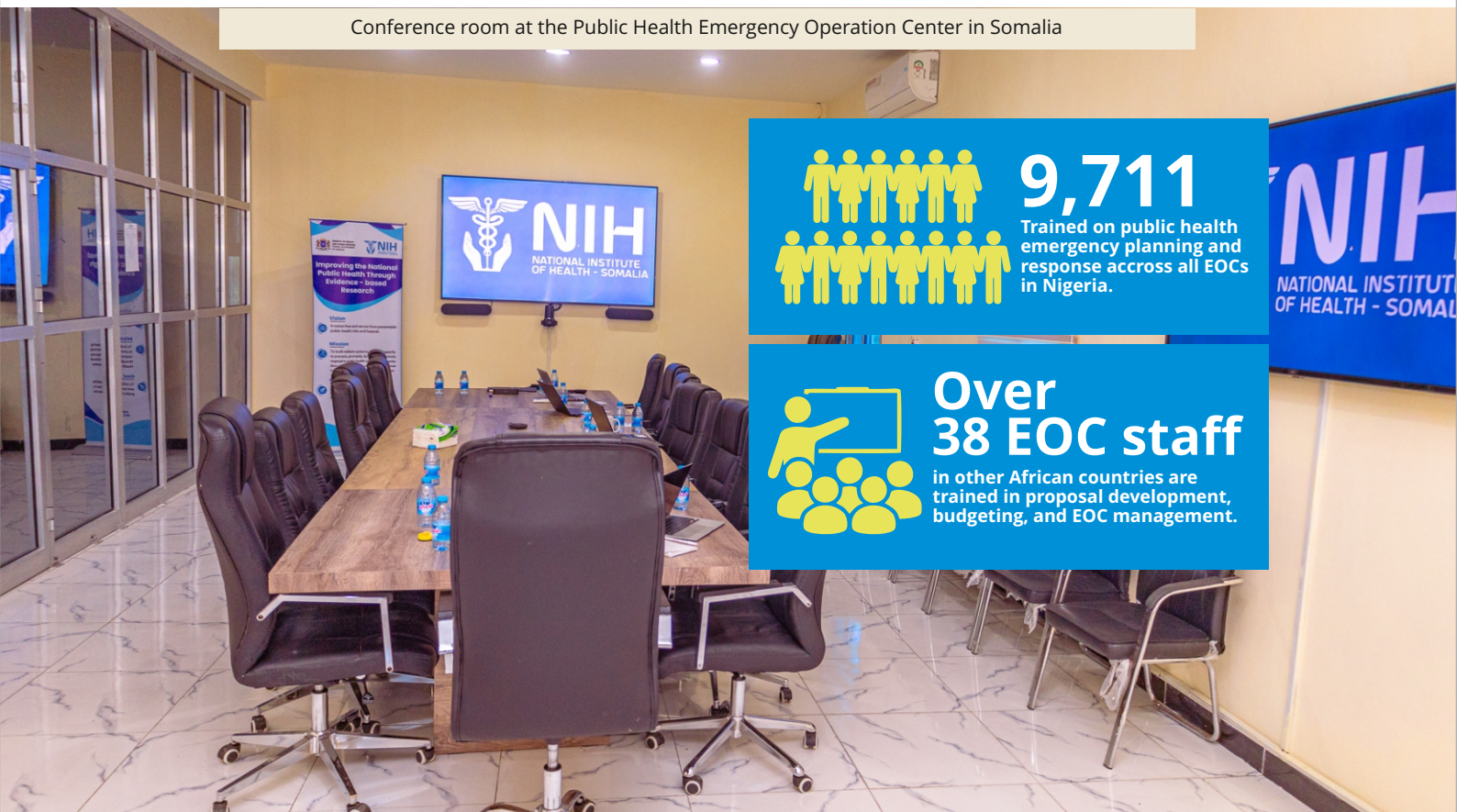
2. Effective Utilization of EOCs for Emergency Coordination

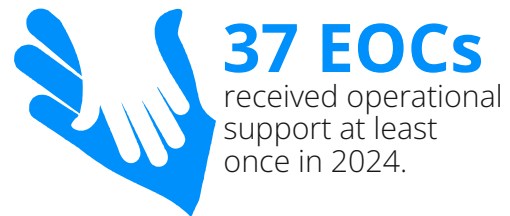
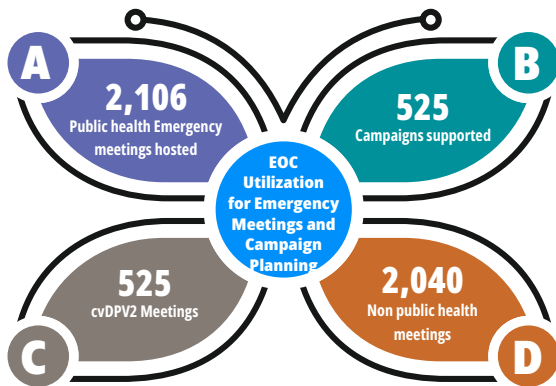
In response to the emergence of circulating vaccine-derived poliovirus type 2 (cVDPV2) in 2024, eHA-supported EOCs supported 525 state-level emergency meetings to coordinate outbreak responses. Additionally, the EOCs hosted 2,040 strategy meetings, including Incident Decision Teams (IDT), Vaccine Management Teams (VMT), and Routine SERICC/EOC sessions. eHA also participated in 103 Technical Working Group (TWG) meetings and supported the production of 28 scorecards for performance monitoring.

To enhance coordination, eHA provided operational support across 11 EOCs, ensuring efficient administrative, IT, and logistical functions. By December 2024, at least 10 EOCs reported exceptional support, including secretariat services, consumables, technical assistance, and vehicle provision for campaign activities. We also facilitated the use of Google Spaces to improve collaboration within government TWGs.

Beyond Nigeria, eHA contributed to early detection and response improvements in Guinea (Conakry) and Zimbabwe (Harare). Key interventions included internet services for seamless reporting, facility management, generator maintenance, procurement of 490 mobile phones for vaccination tracking, and personnel stipends for improved motivation and retention. These measures ensured effective polio campaign coordination, real-time data collection, and improved vaccine administration, preventing vulnerable children from being left behind.

Conference room at the Public Health Emergency Operation Center in Somalia





3. Strengthening Public Health Workforce Capacity

In 2024, eHA trained 9,711 public health practitioners across its managed EOCs. Training areas included data management, map production, EOC operations, proposal development, budgeting, and ICT management—key competencies for effective emergency response. These capacity-building initiatives have strengthened preparedness, enhanced outbreak response, and fostered a skilled workforce across Africa.

These strategic efforts align with SDG 17 (Partnerships for the Goals), reinforcing global collaboration for improved public health security.



Story of Change: Transforming Public Health in Kebbi State through the EOC

Before the establishment of the Emergency Operations Center (EOC), Kebbi State faced major challenges in public health management—health campaigns were fragmented, outbreak responses were reactive, and decision-making relied on unreliable data. Delayed campaigns and inefficient resource allocation further weakened the state's ability to combat public health threats.

The EOC has been a game-changer, providing a centralized hub for coordination, proactive outbreak planning, and data-driven decision-making. Hon. Commissioner of Health, CMRD Yunusa Musa Ismail, emphasized its impact: "The EOC ensures seamless communication and better resource allocation, making campaigns more efficient."

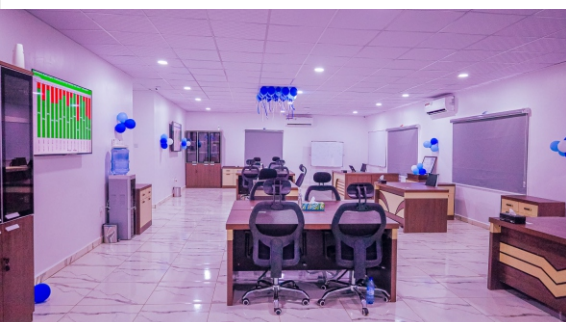
Incident Manager Abubakar Muhammed Bagudu echoed this, stating: "With the EOC, outbreak responses are now timely and systematic, and collaboration among stakeholders has greatly improved."

Key Transformations:

- **Enhanced Coordination:** Stakeholders now align goals and execute health campaigns more effectively.
- **Proactive Preparedness:** Outbreak preparedness plans minimize impact and enable swift responses.
- **Data-Driven Decision-Making:** Reliable data now informs strategies, improving health outcomes.

By strengthening polio eradication efforts, routine immunization programs, and capacity-building for health practitioners, the EOC has revolutionized public health in Kebbi State. As Bagudu reflected, ***"The EOC has fostered collaboration and accountability, fundamentally transforming our health system."***

This success story showcases how strategic public health infrastructure can drive lasting improvements in healthcare delivery and emergency response.



Conference room of the newly built Emergency Operation Center in Kebbi



Unveiling of the newly built Polio Emergency Operation Center in Kebbi State.



Stakeholders holding public health engagement discussions at the Emergency Operation Center.



Digitizing Microplanning

A Game-Changer for Vaccination Campaigns Efficiency and Effectiveness in Nigeria Transforming Efficiency and Accuracy in Public Health Planning

Vaccination campaigns in Nigeria have long been a Herculean task, particularly in navigating complex and hard-to-reach terrains. From identifying households to calculating target populations, the challenges in microplanning are immense. However, the introduction of Planfeld, a digital microplanning tool, is revolutionizing this critical process.

“Planfeld saves time; rather than spending four to five days developing a microplan, we can achieve it in just a few minutes,” shares Abdullahi Muhammad, a Ward Focal Person supervising 14 vaccination teams in Suleja Local Government Area (LGA). Previously, developing a microplan required manual data collection from communities and coordination with local gatekeepers, a process vulnerable to human errors and delays.

Khadija Ibrahim, another Ward Focal Person from Bagama A, highlights the difficulties of the manual approach. Braving harsh weather and challenging terrains, Khadija often relies on motorcycles to navigate rural settlements. “There was a year when I had an accident and dislocated my wrist while distributing vaccines as early as 6 a.m.,” she recalls. Manual documentation was equally fraught with issues, such as rain damage, accidents, or inaccurate data from community leaders. “Sometimes, your community leader does not want to accompany you, and you cannot enter without them,” Khadija explains, leading to missed settlements and unvaccinated children.

Muhammad also emphasizes the challenges of manual microplanning. “This manual method is difficult because sometimes you may go to a community and find that the number of children is not as high as the numbers given to us,” he says. The lack of accurate settlement profiles complicates planning further. “Because the profiles of the settlements are captured manually, it’s difficult to understand the accessibility of these settlements, whether they are rural, urban,



eHealth Africa team during a cross-border vaccination tracking in Kebbi/Niger republic.

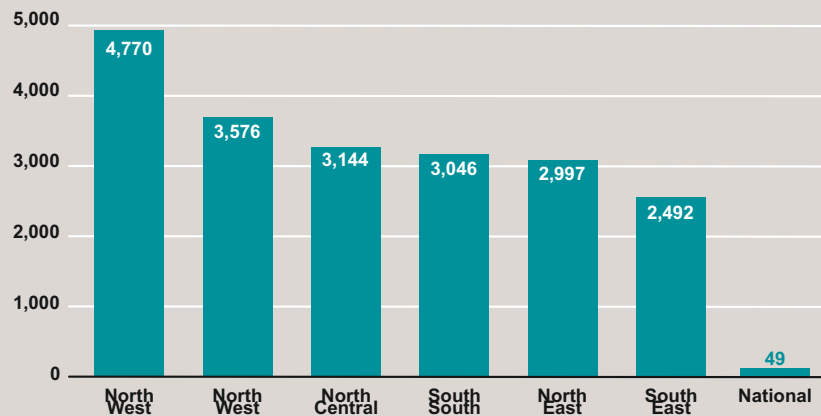


eHealth Africa team supporting Polio Outbreak Response Campaign in Kebbi State



Digitizing Microplanning

Participants trained on EMID by Geopolitical Zones



nomadic, or scattered,” Muhammad adds. These complications often impact the identification of starting points, midpoints, and endpoints during implementation.

Planfeld addresses these pains by digitizing the microplanning process. Using an updated Master List of Settlements and inputs from primary healthcare providers, the tool generates accurate microplans in just five minutes. It ensures that vaccination teams are assigned to the right number of settlements and can effectively reach households. By providing clarity on settlement profiles,—whether rural, urban, nomadic, or scattered,—Planfeld simplifies the identification of starting points, midpoints, and endpoints, enhancing campaign execution.

During the pilot in six states, Ward Focal Persons managing vaccination campaigns reported significant improvements. The tool’s efficiency not only saved time but also reduced the physical and administrative burden on healthcare workers.

Through innovations like Planfeld, eHealth Africa is ensuring that no household is missed and every child has access to life-saving vaccines. The digitization of microplanning is a critical step toward eradicating vaccine-preventable diseases and advancing equitable healthcare in Nigeria.



From Skepticism to Leadership

How GTS Transformed Vaccination Campaigns in Northern Nigeria

"The GTS project is not just about tracking," explains Aliyu Kermi Mahmud, who coordinates the initiative in Zamfara State. "It starts with data collection. Communities are involved from the beginning, with local leaders identifying and validating the names of their settlements. This information builds a robust database that informs the dashboard used during campaigns."

GTS has become an indispensable component of vaccination campaigns like Outbreak Response (OBR). Its integration into microplanning ensures every settlement is accounted for and revisited if missed. "At evening review meetings, ward focal persons and LGA teams report on settlements planned, visited, or missed," says Mahmud. "If some settlements are skipped, they are incorporated into the next day's plan or mop-up activities."

Real-time feedback from GTS tracking allows for swift adjustments. "If a day's workload is light, teams can use the extra time to revisit missed settlements from the previous day. This flexibility ensures we maximize coverage within the campaign timeline," Mahmud adds.

When the Geographic Tracking System (GTS) was first introduced to vaccination teams in northern Nigeria, it was met with apprehension and quiet resistance. "I was honestly scared," confessed one supervisor. "When they started collecting phones from our team members, I worried about their safety in the field. I couldn't rest until each team returned safely."



eHealth Africa supporting tracking of vaccination teams using GIS tracker



Reaching underserved communities with life-saving vaccines for children.



From Fear to Empowerment

How GTS Shifted Mindsets

This fear of surveillance and change, however, gradually gave way to something unexpected—a sense of pride and empowerment. The transformation began in small ways, as teams discovered that the trackers weren't just monitoring devices but tools that showcased their dedication and hard work. A Ward Focal Person from Tsafe shared a turning point moment: "When community members saw us using the tracking system, they became curious. They asked if we were recording our visits, and when we showed them how it worked, their faces lit up with trust. That day, previously resistant families allowed their children to be vaccinated."

The technology became more than just a tracking tool; it became a badge of honor. Teams that once worried about being watched began to take pride in showing their coverage maps at the end of each day. "Look at all these houses we reached today!" became a common exclamation during evening reviews. When trackers occasionally malfunctioned, teams would go out of their way to document their work through alternative means—not because they were required to, but because they wanted their efforts to be counted.

The ripple effects of this transformation touched every aspect of the vaccination campaign. Supervisors noticed a remarkable shift in team dynamics. "The tracker has given us a voice," explained one team leader. "When we show the maps to community leaders, they can see exactly which areas we've covered and which ones need attention. It's no longer just our word—we have proof of our commitment."

Even in security-compromised areas, where the challenges were most daunting, GTS became an unexpected source of motivation. Local teams, equipped with trackers, felt a renewed sense of





A Catalyst for Change and Collaboration

mission. As one state coordinator observed, "The system encourages everyone—from field workers to external supervisors and donors—because it shows that our work is real, that children are being reached. It gives meaning to our efforts."

Perhaps most remarkably, GTS fostered a culture of healthy competition and collaboration. Teams began comparing coverage maps, sharing strategies for reaching difficult areas, and celebrating each other's successes. "Now when we achieve 100% coverage in a settlement," shared a vaccinator with evident pride, "it's not just a number on paper—everyone can see the paths we walked, the houses we visited, the children we protected."

The story of GTS implementation is ultimately a human story—one of overcoming fears, embracing change, and finding unexpected pride in the pursuit of a noble goal. What began as a technological intervention became a catalyst for human growth, turning skeptics into champions and transforming the way hundreds of dedicated health workers view their critical mission of protecting children against polio.

As one team member beautifully summarized, "The tracker didn't just change how we work—it changed how we see ourselves. We're no longer just vaccination teams; we're guardians of public health, and we have the maps to prove it."



Vaccinator set to commence vaccination in communities.



GIS tracker to improve vaccination coverage



Vaccination in progress as little girl receives polio vaccine



A Legacy of Impact and Transformation

How Free Medication from the DIIAN Project Transformed Hafsat's Life

In Kano, Nigeria—where healthcare resources are often limited—Hafsat's story stands as a powerful testament to hope and transformation, made possible through the free medication initiative under eHealth Africa's 'Digitizing for Impact: Improving Rural Access to Integrated Services for NCDs in Nigeria (DIIAN)' intervention.

Struggling with hypertension and an ulcer for years, Hafsat's health journey was full of frustration and uncertainty. Yet, after discovering the REACH Clinic, a key partner in the DIIAN intervention offering free, targeted care, her life took a turn for the better.

Hafsat had long battled high blood pressure, a condition that made daily life difficult. Along with the hypertension, she also suffered from an ulcer. Her first response was to visit multiple hospitals in search of relief. "I visited four hospitals in the community," she recalled. "But the doctors would just tell me to avoid salty foods and prescribe medication, which didn't seem to help much." Despite these efforts, her condition continued to worsen, and the burden of managing her health became overwhelming.

Hafsat eventually sought alternative treatment at other hospitals, hoping for a clearer diagnosis and solution. However, her visits were met with confusion. "They told me my condition wasn't clear, and I was referred to other hospitals. It felt like I was running in circles. Nothing seemed to work." In the midst of these frustrating experiences, Hafsat learned about the REACH Clinic, a local healthcare facility that was part of the DIIAN project and provided free medication for patients with chronic conditions like hypertension and diabetes. "I live close to the clinic, so I knew about it. When I found out they were offering free medication, I decided to give it a try," Hafsat explained.

The change was immediate. Upon her first visit to the REACH Clinic, Hafsat was welcomed by a team of professionals who immediately began managing her hypertension with the right medication. "The difference was so clear. At other hospitals, I was often told they



eHealth Africa in partnership with EHA Clinic providing free medical screening and enrollment to manage Hypertension and Diabetes



A Legacy of Impact and Transformation

didn't have the medication I needed or I would get prescriptions that didn't seem to work. But at the REACH Clinic, they gave me the proper treatment," Hafsat said, her voice filled with relief.

Over time, Hafsat's health improved significantly. The swelling in her body, a common symptom of her hypertension, began to subside. "The swelling stopped, and I felt much better," she recalled. "Before, I was taking medicine that wasn't effective, but the medication I received here really worked."

For Hafsat, the experience of receiving free, reliable care has not only alleviated her physical symptoms but also restored her sense of hope. "Now, when I run out of medication, I don't worry. I know I can come back and get more," she said, smiling. The impact of the DIIAN project, and particularly the REACH Clinic's provision of free medication, has been profound for Hafsat. "I want others to know that they don't have to suffer the way I did. I used to feel hopeless, but now I am doing well. I encourage anyone who has high blood pressure or diabetes to get treatment, it makes all the difference," she urged.

Looking forward, Hafsat's outlook on life has been transformed. "I may not have any major ambitions right now, but I just want to stay healthy and continue receiving the care that has helped me so much. I am grateful for everything the REACH Clinic has done for me," she concluded.

For Hafsat, the free medication provided through the DIIAN project has been life-changing, offering her a new sense of wellbeing and hope. Her story highlights the crucial role of accessible healthcare in improving the lives of vulnerable individuals and underscores the importance of initiatives that support those in need.



Hafsat, Hypertensive patient receives free medication via eHealth Africa's DIIAN intervention



Transforming Public Health in Niger State: The EOC's Impact

Before the Emergency Operations Center (EOC) was established in Niger State, public health management faced major hurdles. Responses to disease outbreaks were slow and uncoordinated, with ad hoc meetings leading to delays and inefficiencies. Health workers struggled with logistical bottlenecks, and immunization campaigns suffered from poor planning and fragmented efforts.

"It was difficult to align activities and ensure plans were developed on time," recalls Abubakar Usman Kpantu, Niger State's Immunization Officer.

Another major challenge was access to quality data. Field officers, often working in remote areas with unreliable networks, faced difficulties submitting timely and accurate reports. Decision-making was based on outdated or incomplete data, limiting the effectiveness of outbreak response efforts.

How the EOC Changed the Game

The EOC revolutionized public health coordination by creating a centralized, well-equipped hub for rapid response and data-driven decision-making.



Structured & Regular Coordination

Instead of last-minute planning, stakeholders now meet regularly to develop campaign schedules, risk assessments, and response strategies.



Proactive Outbreak Response

With real-time data monitoring and better communication, the EOC ensures faster mobilization of resources, reducing delays and costs.



Data-Driven Decision-Making

Weekly meetings review accurate, up-to-date data, allowing health teams to act swiftly and effectively.





"We've gone from reactive to proactive planning," Kpantu notes



Climate Adaptation in Health, Food Security, and Nutrition cont'd

A New Era for Public Health Workers

Since the EOC became operational, health workers have experienced game-changing improvements:

 Better Coordination	Regular meetings keep activities organized and efficient
 Real-Time Data Access	Timely, accurate data now drives faster and smarter interventions.
 Stronger Preparedness	Rapid outbreak responses prevent diseases from spreading.
 Efficient Resource Use	Supplies and personnel are strategically deployed where they are needed most.

“The EOC has transformed how we work,” Kpantu emphasizes. “We now have the tools, data, and infrastructure to deliver results effectively.”

The EOC has transformed how we work, we now have the tools, data, and infrastructure to deliver results effectively.

- Kpantu



A Model for the Future

The Niger State EOC is more than just a facility—it’s a symbol of progress. By enhancing coordination, strengthening data systems, and improving outbreak preparedness, it has set a new standard for public health management.

For practitioners like Kpantu, the EOC represents hope, efficiency, and a healthier future for communities across Niger State.

Abubakar Usman Kpantu
SIO



Climate Adaptation in Health, Food Security, and Nutrition cont'd

How the EOC Transformed Public Health Management

The establishment of the Zamfara EOC brought a much-needed shift in how the state manages public health crises.



Stronger Coordination

A functional Incident Management System with an appointed Incident Manager and technical working groups now ensures seamless collaboration.



Faster, Unified Outbreak Response

With a one-command system, stakeholders work together, mobilizing resources without delays.



Improved Data Management

Upgraded ICT infrastructure now enables real-time data collection and analysis, making evidence-based decisions possible.



Weekly Strategic Meetings

Health teams now meet regularly, ensuring better planning and rapid emergency responses.

“ I now see collaboration at a level we never had before, the EOC has strengthened partnerships and transformed how we respond to public health challenges. ”





- Dr Abubakar



Climate Adaptation in Health, Food Security, and Nutrition cont'd

Key Benefits for Public Health Practitioners

Since the EOC became operational, the impact has been undeniable:

	Effective Coordination	The centralized system eliminates conflicting activities.
	Stronger Partnerships	Stakeholders now work more collaboratively than ever.
	Better Preparedness	Harmonized plans and faster resource mobilization lead to quicker responses.
	Data-Driven Decisions	Access to real-time data enables timely, targeted interventions.

A Model for the Future

The Zamfara EOC has revolutionized public health management. By eliminating inefficiencies, strengthening coordination, and ensuring data-driven decision-making, it has set a new standard for outbreak preparedness and response.

For health workers and communities alike, the EOC represents progress, resilience, and a healthier future for Zamfara State.



Dr. Yusuf Abubakar
Incident Manager
Zamfara EOC



Laboratory and Diagnostic



Enhancing Laboratory Efficiency for Disease Surveillance



Laboratory Systems and Diagnostics:
*Strengthening disease detection,
enhancing outbreak response, and
improving public health outcomes*

Effective laboratory systems are essential for disease surveillance, early detection, and outbreak response, playing a crucial role in global health security. Accurate and timely diagnostics enable the detection, confirmation, and management of infectious diseases, including vaccine-preventable illnesses like polio.

However, many low- and middle-income countries, particularly in Africa, face significant challenges such as poor infrastructure, limited access to modern diagnostic tools, inadequate personnel capacity, and inconsistent supply chains for essential equipment and consumables. These gaps hinder timely disease detection and response, weakening overall health system resilience.

eHealth Africa (eHA), with support from the Bill & Melinda Gates Foundation (BMGF), is committed to enhancing laboratory systems across Africa through its Laboratory Systems and Diagnostics program. This initiative upgrades laboratory infrastructure, provides essential equipment and consumables, and builds the capacity of laboratory personnel, ensuring reliable diagnostics and improved public health outcomes. These efforts align with SDG 3.D, which focuses on strengthening global capacities for early warning, risk reduction, and public health emergency response.





Enhancing Laboratory Efficiency for Disease Surveillance cont'd

Featured Projects:

The Support for Laboratory Supplies (SLS) and Laboratory Infrastructure and Procurement Strengthening (LIPS) project enhances disease detection in Africa by improving lab capacity, equipping Global Polio Laboratory Network (GPLN) labs for rapid analysis, and upgrading infrastructure, equipment, and workforce in 15 countries.

In 2023, eHA launched the Laboratory Infrastructure and Procurement Strengthening (LIPS) project to optimize public health laboratories across Africa. This initiative has significantly strengthened laboratory capacity and improved outbreak response efficiency.

- **Public Health Laboratory Assessments:**
15 laboratories were assessed to evaluate compliance with operational standards, leading to the development of improvement plans to address identified gaps.
- **Uninterrupted Supply of Laboratory Consumables:**
26 rounds of consumable deliveries were completed, ensuring 11 laboratories had the necessary resources for continuous operations and timely diagnostics.
- **Provision of Essential Laboratory Equipment:**
14 laboratories received critical diagnostic equipment, with 19 successful equipment deliveries, strengthening laboratory capacity across the region.
- **Renovations and Upgrades:**
Three laboratories were fully renovated and upgraded, with five additional renovation projects currently in progress.
- **Establishment of Laboratory Supply Hubs:**
Two regional supply hubs were established to streamline logistics and improve access to essential laboratory supplies. The Ghana hub is fully operational, while the South Africa hub is 70% complete.

These achievements reinforce eHA's commitment to strengthening public health laboratories, ensuring accurate disease diagnosis and confirmation. By improving laboratory infrastructure, capacity, and supply chains, eHA enhances health system resilience and enables faster, more effective responses to public health emergencies across Africa.



Polio Laboratory upgraded by eHealth Africa



Polio laboratory equipment



Enhancing Laboratory Efficiency for Disease Surveillance cont'd

S/No	Public Health Laboratories supported (2023-2024)	Consumables Procurement (2023-2024)	Equipment Procurement (2023-2024)	Renovation/ ICT/Solar Upgrade (2023-2024)	Supply Hub (2023-2024)
1	Angola		Completed		
2	Ethiopia Public Health Institute		Completed		
3	Institut Pasteur Cameroon	Completed	2 rounds completed		
4	Institut Pasteur d'Algérie	2 rounds completed			
5	Institut Pasteur de Cote d'Ivoire		Completed	Ongoing	
6	Institut Pasteur de Dakar, Senegal	2 rounds completed	2 rounds completed		
7	Institut Pasteur Madagascar	Completed		Ongoing	
8	Institute National Research Biomedical, DRC	3 rounds completed			
9	Kenya Medical Research Institute	2 rounds completed 1 ongoing	Completed	Ongoing	
10	National Microbiology Laboratory, Zimbabwe			Completed	
11	National Public Health Laboratory, Tanzania	Ongoing			
12	CENTRE de Recherche Medicale et Sanitaire (CERMES) Niger		Completed		
13	National Institute for Communicable Diseases South Africa	Completed	2 rounds Completed		Ongoing
14	Noguchi Memorial Advance Research Institute, Ghana	3 rounds completed 1 ongoing	Completed		Completed
15	Uganda Virus Research Institute	4 rounds completed 1 ongoing	Completed	Ongoing	
16	Vascera Lab, Egypt		Completed		
17	Virology Lab, UCH	5 rounds completed	2 rounds completed	Completed	
18	WHO Polio Lab, Maiduguri	2 rounds completed	2 rounds completed	Completed	
19	Zambia Polio Lab		Completed	Ongoing	



Disease Prevention & Monitoring



Disease Prevention and Monitoring



Improving access to life-saving health services through technology

eHealth Africa strengthens disease prevention and monitoring by providing digital tools and operational support for effective disease surveillance. Our solutions enable timely data collection and analysis, allowing governments and health organizations to detect outbreaks early and take preventive action. By tracking vaccine distribution and monitoring infectious disease cases, eHA helps reduce disease burdens and build healthier communities across Africa.

In 2024, eHA reinforced vaccination campaigns and disease prevention through five digital health tools: PlanFeld for efficient campaign microplanning, Geo-Spatial Tracking System (GTS) to improve vaccination coverage in security-compromised areas, Logistics Management Information System (LoMIS) to ensure the availability of life-saving commodities at health facilities, The Blood Information System for Crisis Intervention and Management (BISKIT) for real time end-to-end tracking and visibility of blood from donation to transfusion. BISKIT and the Climate Health Vulnerability Assessment Tool (CHAT) to assess vulnerabilities in health care facilities in the context of Climate Change, to assess and strengthen the climate resilience of healthcare facilities using valid, actionable data. These tools, developed, deployed, or introduced for capacity-building, have significantly improved health system efficiency, vaccine accessibility, and outbreak preparedness across Africa.

Geographic Information System tracking device to improve vaccination Reach





Public healthcare stakeholder taking down health information.



eHealth Africa team taking stock of GIS tracking tools.



Young girl displays her vaccination card after being vaccinated against Vaccine-preventable diseases

Featured Projects:

1. **Support for Sub-National Polio Outbreak Response in Nigeria (SNPOBR):** Strengthens Nigeria's polio outbreak response by improving immunization campaigns and fostering state and community accountability. Sokoto, Zamfara, Katsina, Kebbi, Kano, Niger, Borno, Yobe, and Kaduna.
2. **Engagement of Traditional Leaders Initiative (ETI):** Engages traditional leaders to boost immunization coverage and interrupt cVPV2 transmission through advocacy and training. Adamawa, Bauchi, Benue, Borno, Gombe, Jigawa, Kaduna, Kano, Katsina, Kebbi, Kogi, Kwara, Nasarawa, Niger, Plateau, Sokoto, Taraba, Yobe, and Zamfara plus FCT
3. **Digitization of Micro Plans (DMP):** Enhances immunization coverage by developing GIS-based microplans, building state capacity, and optimizing vaccine distribution. **DMP** - Zamfara, Kebbi, Sokoto, Kebbi, Kaduna, Katsina.
4. **Vaccine Direct Delivery (VDD):** Supports Sokoto's vaccine delivery by maintaining cold chain integrity, tracking stock, strengthening healthcare capacity, and managing waste disposal.
5. **Safety and Antimicrobial Resistance of Mass Administration of Azithromycin on Children 1–59 Months in Nigeria (SARMAAN):** Assesses the impact of mass azithromycin administration on infant mortality, potentially improving child survival in Nigeria. Kano, Sokoto, Jigawa, Kebbi, Akwa Ibom, Abia
6. **Geospatial Tracking System (GTS):** Uses geospatial tracking to improve immunization coverage, reduce missed settlements, and update the Polio Master List in Northern States. Kebbi, Sokoto, Zamfara, Katsina, Kano, Niger, Borno, Yobe, Jigawa, Kaduna.
7. **Digitizing for Impact:** Improving Rural Access to Integrated Healthcare Services for Non-Communicable Diseases in Nigeria (DIAN): Enhances rural NCD management through patient tracking, health worker training, data synchronization, and collaboration with health authorities. Kano, FCT.
8. **Against Malaria Foundation Post Distribution Monitoring (AMF PDM):** Monitors net presence, use, and condition post-distribution in Bauchi and Zamfara.
9. **Electronic Management of Immunization Data (EMID):** Optimizes Nigeria's immunization data system by improving synchronization, offline functionality, and user experience.

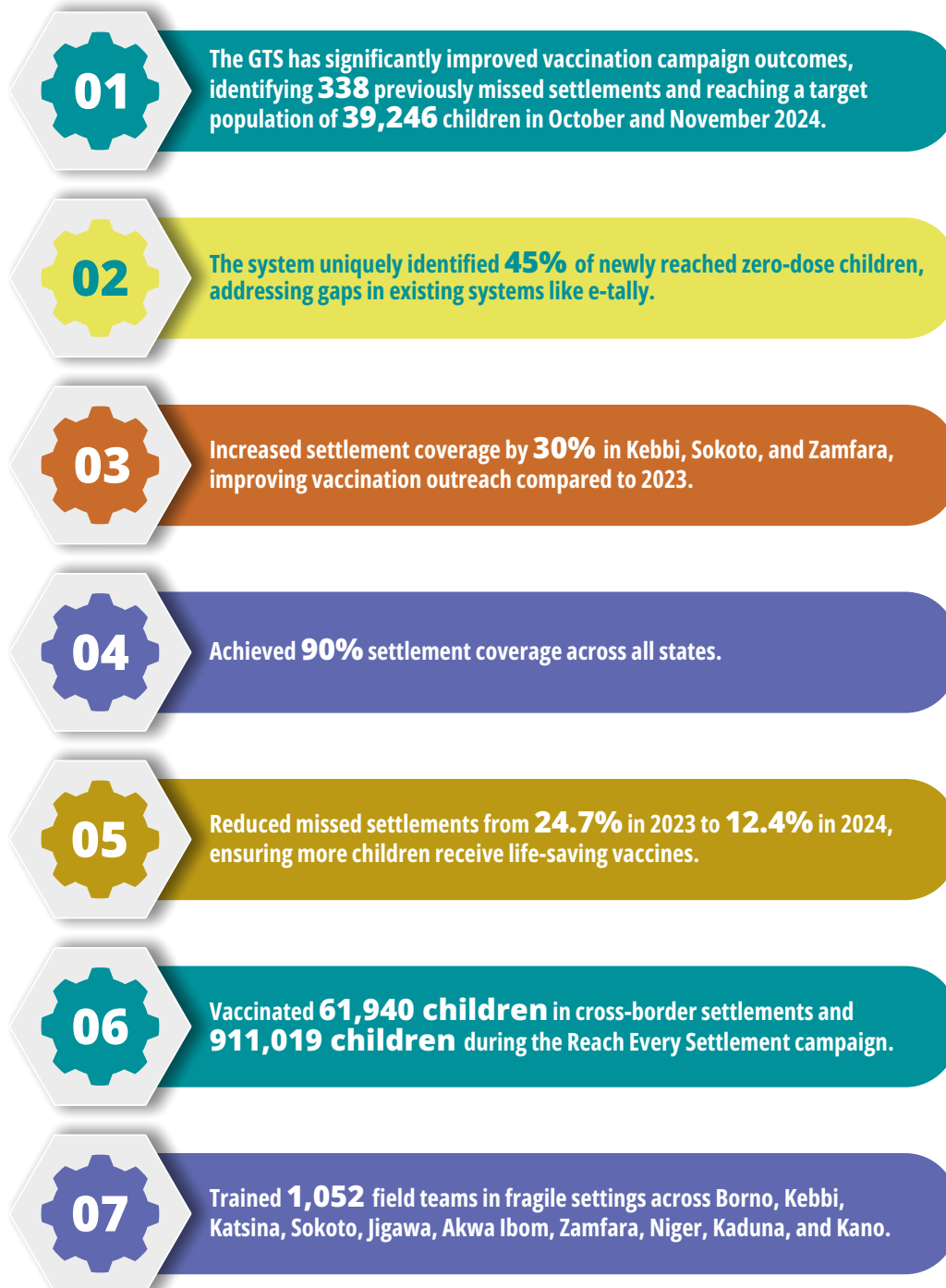


Disease Prevention and Monitoring cont'd

Key Impact:

1. Expanded Vaccination Coverage through Effective Tracking

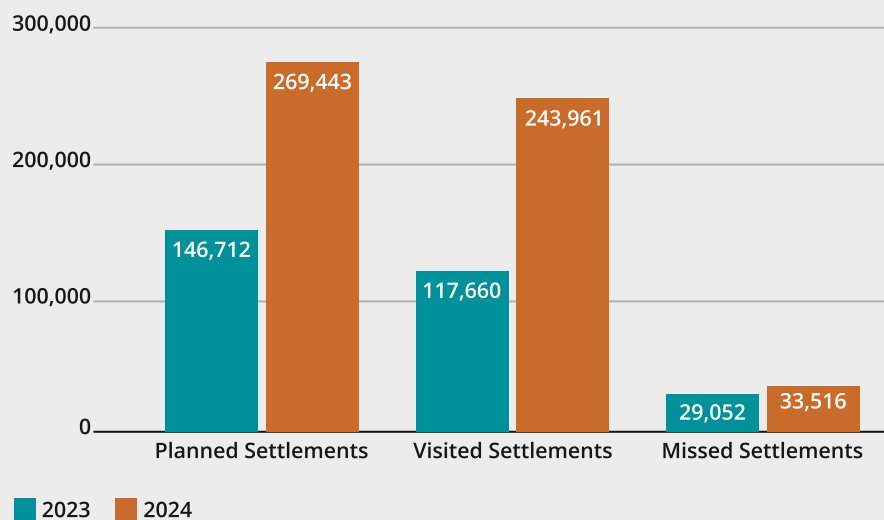
In remote and often insecure northern Nigerian settlements, eHealth Africa's Geospatial Tracking System (GTS), supported by the Bill & Melinda Gates Foundation, has enhanced accountability and efficiency in vaccination campaigns.





Disease Prevention and Monitoring cont'd

SETTLEMENTS TRACKING RECORD



2. Strengthening Traditional Leaders' Capacity in RI/PEI Activities

Traditional leaders play a crucial role in campaign planning and advocacy, enhancing vaccine acceptance in high-risk northern states.

01

Addressed **22,375** recorded cases of vaccine non-compliance, with 70% successfully resolved by traditional leaders across the **16 states**. Kaduna, Adamawa, Taraba, Bauchi, Jigawa, Kano, Katsina, Kebbi, Niger, Borno, Yobe, Sokoto, Zamfara, Gombe, Kaduna, and Plateau.

Equipped **324 leaders** with monitoring and supervisory checklists for campaign implementation oversight.

02

03

Trained **5,543** traditional leaders across **16 states** on polio vaccination, routine immunization, and primary healthcare initiatives.



Public health engagement with frontline traditional leaders on enhancing polio campaign in Sokoto state



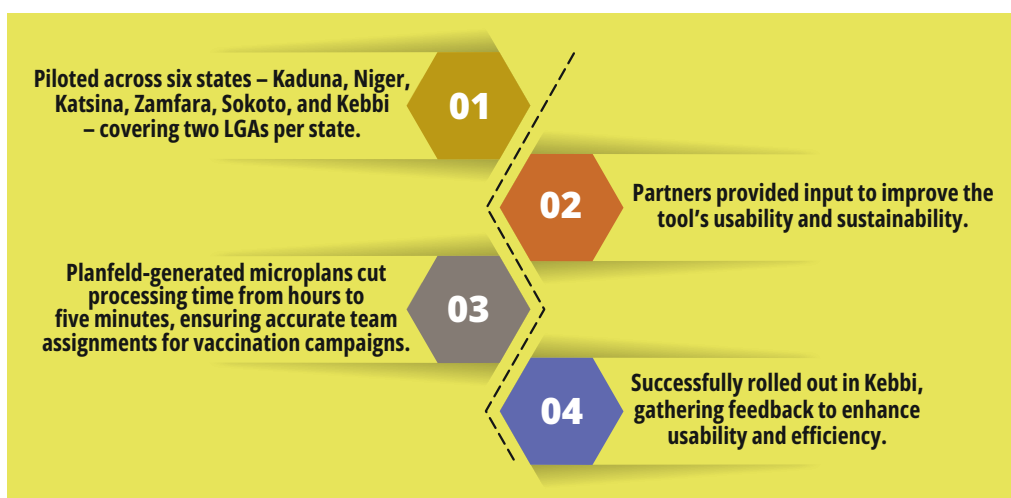
Disease Prevention and Monitoring cont'd

3. Enhanced Microplanning Efficiency Through Technology

The digital microplanning project using eHA's in-house tool, PLANFELD, enhances operational efficiency by automating the Master List of Settlements (MLoS) and Daily Implementation Plans (DIP).



Planfeld reduces the
TURNAROUND TIME
of the manual method from
4-5 DAYS TO 5MINS



4. Maintaining Vaccine Potency Across 137 Facilities in 12 States

Cold chain integrity remains critical for vaccine efficacy. The CFD-50 project enables real-time monitoring of cold chain equipment (CCE) performance.

Trained **333 healthcare workers** (61% female, 39% male) in Plateau, Kaduna, Nasarawa, and Bayelsa on using Varo and PogoLT applications for CCE monitoring.

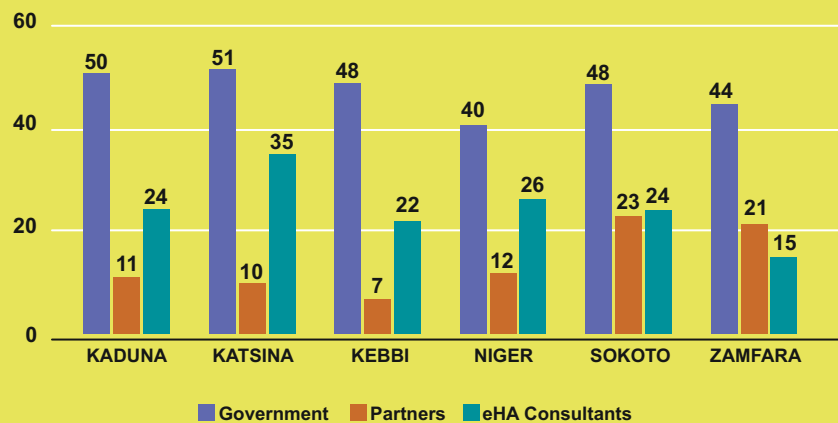
**COLD CHAIN
EQUIPMENT (CCE)
PERFORMANCE**

Received **1,328** Varo reports, enabling data-driven CCE decision-making.





STAKEHOLDERS ENGAGEMENT DURING DEMO SESSIONS FOR PLANFELD



5. Improved Availability and Uptake of Life-Saving Vaccines

The Vaccine Direct Delivery project has been instrumental in ensuring that vaccines reach health facilities at the last mile. The project ensures consistent vaccine availability at last-mile facilities, preventing stockouts and increasing immunization coverage.

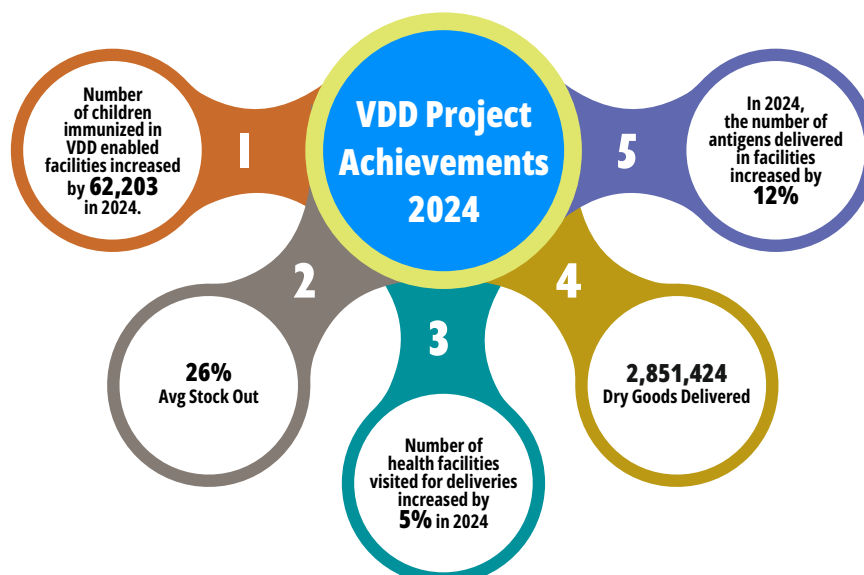
More children in VDD areas (70.3%) received routine immunization compared to non-VDD areas (51.6%) ($p < 0.001$).

Children in VDD-supported areas were twice as likely (OR:2.1, 95% CI: 1.5 – 3.1) to receive routine immunization than those in non-VDD-supported areas.

Delivered **2,851,424** units of dry goods and **6,504,604** units of antigens.



Increased VDD-supported facilities by **5%** in 2024.

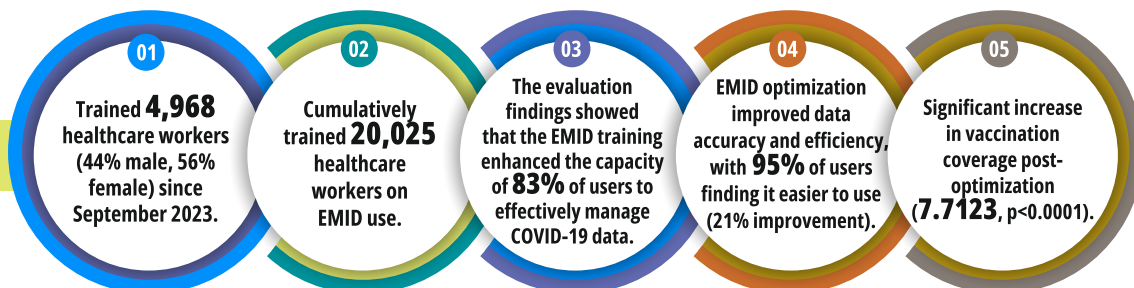




Disease Prevention and Monitoring cont'd

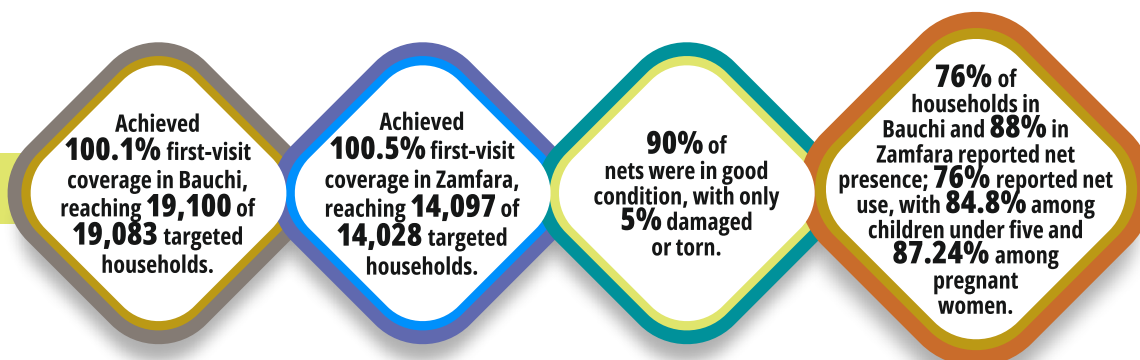
6. Improved COVID-19 Data Management for Effective Vaccination Planning

Supporting Nigeria's optimized Electronic Management of Immunization Data (EMID) system enhances vaccination planning and coordination.



7. Insecticide-Treated Net Post-Distribution Monitoring: Enhancing Malaria Prevention in Bauchi and Zamfara States

As part of efforts to combat the scourge of malaria, Against Malaria Foundation supported insecticide treated nets in Bauchi and Zamfara States. eHealth Africa was contracted to conduct a post-distribution monitoring survey to ascertain the presence, use, and condition of these nets.



eHealth Africa team training healthworkers on utilization of Electronic Management of Immunization Data application.



eHealth Africa Project manager, leading training of data collectors for Post Distribution Monitoring of insecticide-treated mosquito nets.

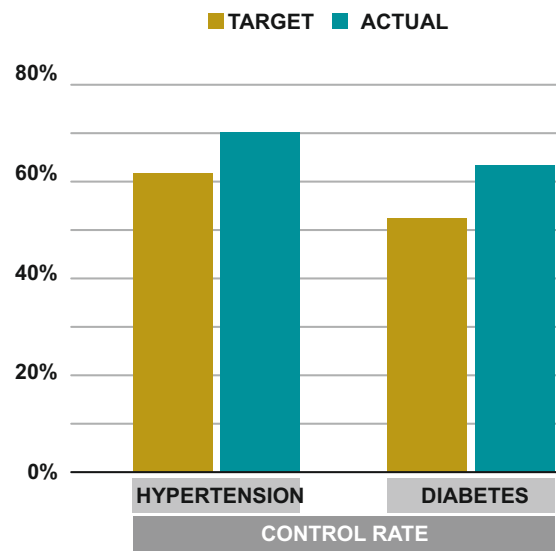


Digitizing for Impact: NCD Care in Rural Nigeria

8. Digitizing for Impact: NCD Care in Rural Nigeria

The DIIAN project focuses on hypertension and diabetes management using the Federal Ministry of Health's methodology.

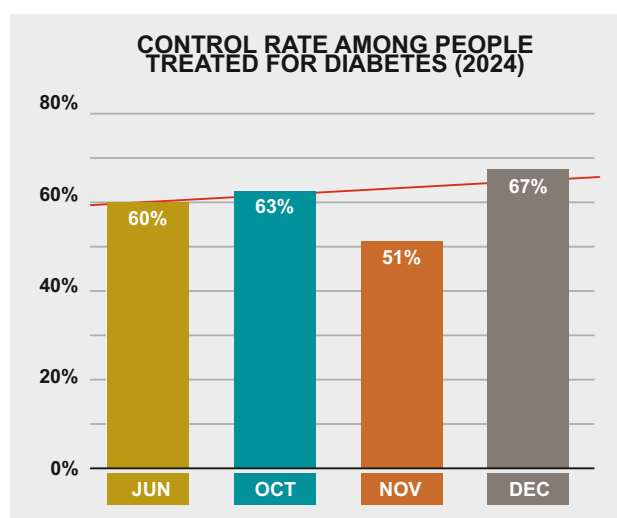
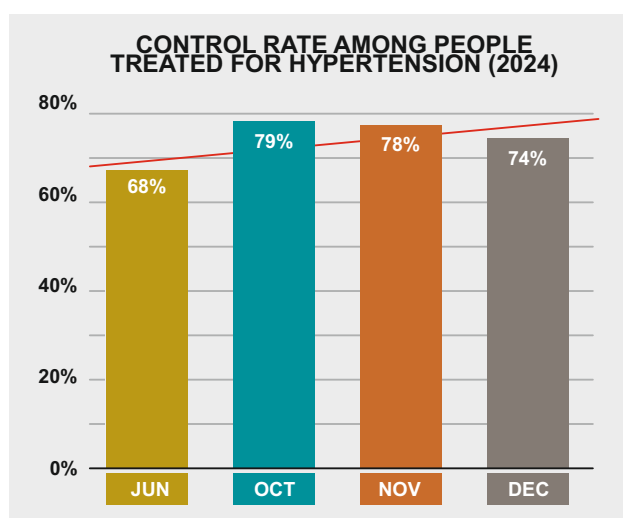
- Enrolled 266 patients (213 for hypertension, 53 for diabetes) in Abuja and Kano.
- 81% of screened individuals enrolled in hypertension treatment, 75% in diabetes care.
- Achieved a 69% hypertension control rate and a 60% diabetes control rate by the end of the pilot in July.
- Hypertension control increased from 68% to 77% by December 2024, and diabetes control from 60% to 67%.
- No recorded complications among enrolled patients due to early detection and management.
- There was consistent reduction in blood pressure among the patients following treatment or intervention.





Digitizing for Impact: NCD Care in Rural Nigeria cont'd

Key Performance Indicators (KPIs)	Baseline (June 2024)	End of Extension (December 2024)	Change
Control rate among people treated for hypertension (Percentage of treated patients with SBP <140mm Hg and DBP <90mm Hg)	68%	77%	+9%
Control rate among people treated for diabetes (Percentage of treated patients with blood sugar <154mg/dL)	60%	67%	+7%
Number of treated patients with SBP <140 mmHg and DBP <90mm Hg (Number of individuals controlled for hypertension)	145	150	+5
Number of treated patients with blood sugar <154mg/dL (Number of individuals controlled for diabetes)	32	30	-2
Number of patients being treated for diabetes	53	45	-8
Number of patients being treated for hypertension	213	195	-18





Data-Driven Azithromycin Mass Administration

The SARMAAN project, a consortium-led initiative, combats high infant mortality in 11 states through azithromycin mass administration.



Trained 14,406 data collectors in Sokoto, Kano, Abia, Jigawa, Kebbi, and Akwa Ibom for high-quality household data collection.



Trained 378 local government coordinators in Sokoto, Kano, Jigawa, and Kebbi for technical support.



Trained 747 Ward Focal Persons (WFPs) and 27 LGA Teams during the Kano and Sokoto Census.



Trained 12 stakeholders of Nigerian Institute of Medical Research (NIMR) on data management.



Provided technical assistance for surveying 40,717 households, enhancing data tracking for under-five mortality and antimicrobial resistance.

eHA's digital innovations improve evidence-based planning, optimize intervention delivery, and enhance child health outcomes in underserved communities.



eHealth Africa team leading training of data collectors on tracking for under-five mortality and antimicrobial resistance.



Climate Adaptation in Health, Food Security & Nutrition



Climate Adaptation in Health, Food Security, and Nutrition



Climate adaptation is crucial for safeguarding health, food security, and nutrition as climate change exacerbates vulnerabilities. Rising temperatures, extreme weather, and ecosystem shifts increase climate-sensitive diseases, disrupt food production, and threaten nutrition for millions. Integrating adaptive strategies into health and food systems strengthens resilience, mitigates risks, and ensures sustainable outcomes for vulnerable communities.

eHealth Africa's Climate Adaptation in Health, Food Security, and Nutrition (CAHFSN) program addresses these challenges, aligning with eHA's strategic goals and Sustainable Development Goal (SDG) 13.2 on integrating climate action into national policies. The initiative focuses on building climate-resilient healthcare systems, strengthening food security, and improving nutrition.

Through innovative digital tools, eHA monitors food availability, tracks nutritional status, and assesses climate change impact on health. By improving access to quality healthcare, promoting sustainable agriculture, and equipping communities with essential resources, eHA enhances resilience against climate-related health risks.





Climate Adaptation in Health, Food Security, and Nutrition cont'd

Featured Projects

- I. **Implementation of Common Storage Services in Dikwa and Ngala:** eHealth Africa operates shared storage facilities in Dikwa and Ngala, Borno State, to receive, store, manage, and release cargo for partner agencies, ensuring efficient logistics and distribution.
 1. WFP M&A
 2. The Climate Health Vulnerability Assessment Tool (CHAT) is a digital tool developed by eHealth Africa, based on the World Health Organization's Checklists to Assess Vulnerabilities in Health Care Facilities in the Context of Climate Change, to assess and strengthen the climate resilience of healthcare facilities using valid, actionable data. Designed for easy deployment, it eliminates paper use and supports environmental sustainability. The CHAT enhances preparedness against climate-related disruptions, helping facilities maintain uninterrupted service delivery. It was initially piloted to assess vulnerability to flood-related events in primary health care facilities across Borno State, Kano State, and the FCT. The CHAT is currently being scaled to broaden its scope and strengthen its capabilities.

Key Impact

Climate-Smart Warehouse Management in Security-Prone Areas

For over six years, eHealth Africa (eHA) has partnered with the World Food Programme (WFP) to manage warehouses in Ngala and Dikwa, Borno State, ensuring secure storage of humanitarian supplies in fragile settings.

Key Achievements in 2024



Managed **2,444.8 metric tonnes** and **11,773 cubic meters** of supplies—a **35% increase** from 2023



Provided logistics support to **25 humanitarian partners** operating in the region







Conducted **monthly physical inventories** to minimize waste, maintain accountability, and optimize space utilization

This initiative strengthens climate resilience by integrating efficient supply chain solutions into health, food security, and nutrition programs, ensuring vulnerable communities receive essential aid promptly.



Climate Adaptation in Health, Food Security, and Nutrition cont'd

Achievement and Impact:

Indicators	2024
 Consignments Managed	2299
 Partners using the Warehouse	25
 Metric Tonnes of Consignments Managed	2444.8
 Cubic Metric Tonnes of Consignments Managed	11773

ii. Ensuring Dignity and Transparency in Food Distribution

As part of the Climate Adaptation in Health, Food Security, and Nutrition (CAHFSN) program, eHA implements the Monitoring & Accountability (M&A) Project with WFP in Borno, Zamfara, and Sokoto States.

Key Role:

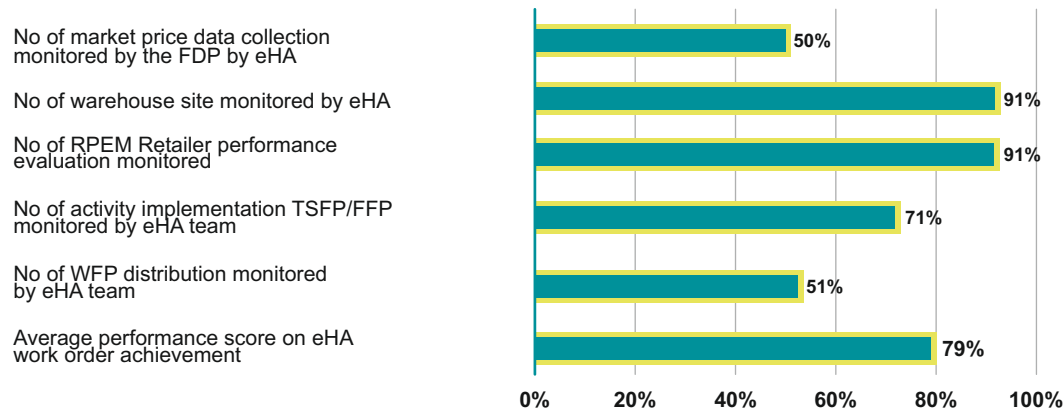
- Third-party monitoring to ensure food assistance reaches beneficiaries fairly and respectfully.
- Upholding transparency and accountability in aid distribution.

This project enhances food security while reinforcing eHA's commitment to climate-responsive, sustainable nutrition solutions for underserved communities.

Activity	Achievement
WFP distributions monitored	244
Activity implementation (TSFP/FFP) monitored	367
Retailer performance evaluations (RPEM) conducted	1040
Warehouse sites monitored	70
Market price data collection monitored at FDPs	224
Focus Group Discussions (FGDs) conducted	84



Achievements



III. Strengthening Health Facilities Against Climate Risks

The Climate Health Vulnerability Assessment Tool (CHAT) is a digital tool developed by eHealth Africa, based on the World Health Organization's Checklists to Assess Vulnerabilities in Health Care Facilities in the Context of Climate Change, to assess and strengthen the climate resilience of healthcare facilities using valid, actionable data. Designed for easy deployment, it eliminates paper use and supports environmental sustainability. The CHAT enhances preparedness against climate-related disruptions, helping facilities maintain uninterrupted service delivery. It was initially piloted to assess vulnerability to flood-related events in primary health care facilities across Borno State, Kano State, and the FCT. The CHAT is currently being scaled to broaden its scope and strengthen its capabilities.

Key Insights from 2024 Assessments:

- Piloted in Borno, Kano, and the FCT across 30 health facilities.
- Found 66% of facilities highly vulnerable to flooding, while 10 were moderately vulnerable.
- Trained 24 enumerators on climate vulnerability assessments.

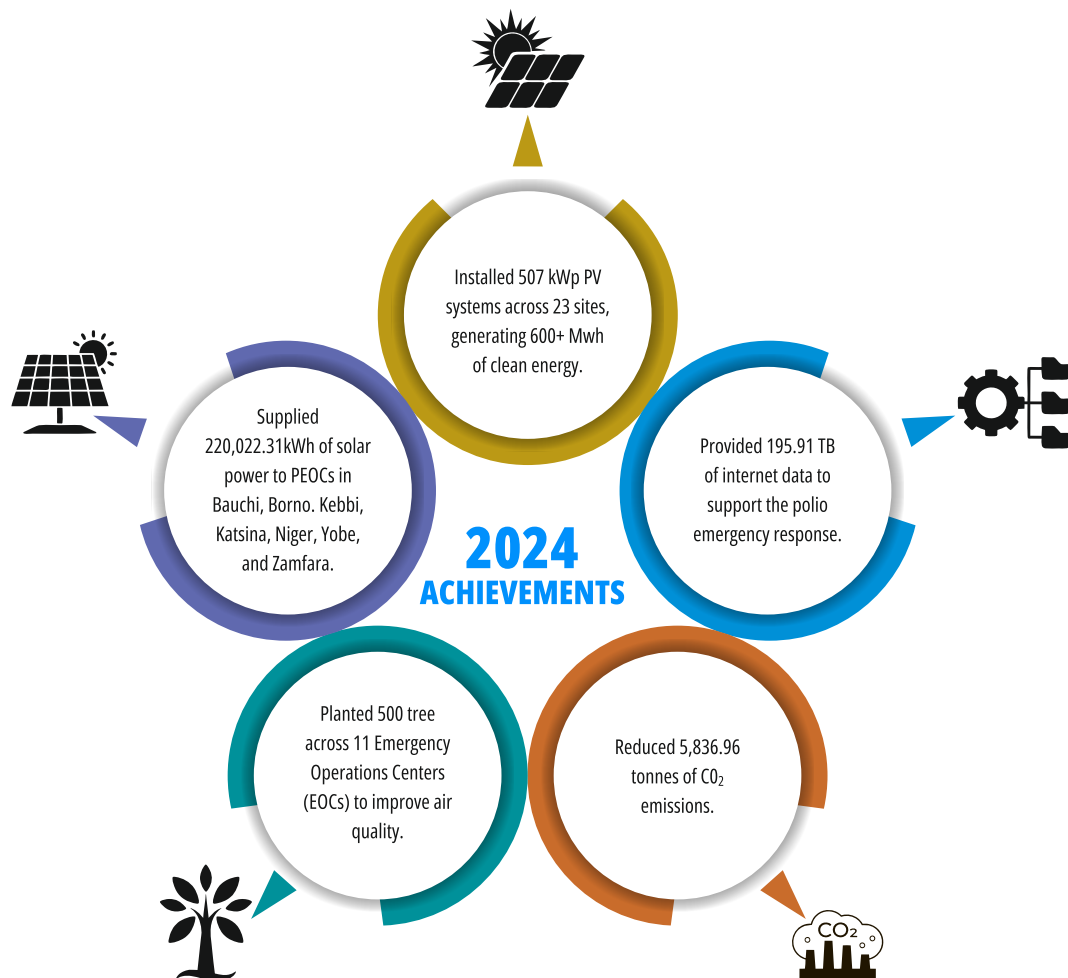
The findings highlight the urgent need for customized resilience strategies to safeguard healthcare infrastructure against climate threats.

iv. Reducing CO₂ Emissions Through Renewable Energy

eHA is advancing sustainable healthcare by integrating solar energy across its project sites.



Climate Adaptation in Health, Food Security, and Nutrition cont'd





Climate Adaptation in Health, Food Security, and Nutrition cont'd

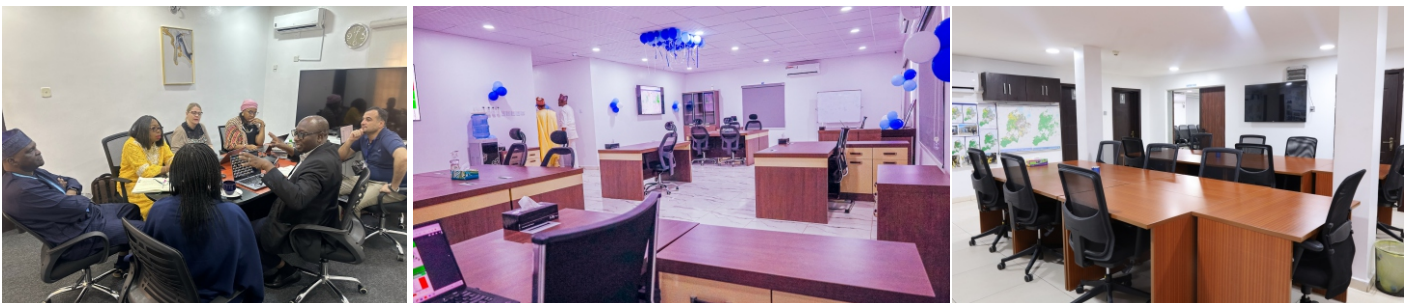
By prioritizing clean energy, eHA enhances healthcare resilience, reduces climate impact, and ensures continued service delivery in energy-insecure regions.

Transforming Public Health in Zamfara: The EOC's Impact

Before the Emergency Operations Center (EOC) was established in Zamfara State, public health management faced serious challenges. Outbreak response was uncoordinated, with limited space, conflicting activities, and no centralized system to manage health emergencies.

Preparedness efforts lacked a unified plan, making it difficult to mobilize resources quickly. At the same time, the absence of strong ICT infrastructure and data management systems meant that health officials struggled to collect, analyze, and use data effectively for decision-making.

"We didn't have the structure to align activities or respond efficiently," recalls Dr. Yusuf Abubakar, Incident Manager, Zamfara EOC.



Polio Emergency Operation Center in Kebbi and Zamfara states hosts key stakeholders



Testimonials

PEOC

The National Polio EOC is a formidable center to be reckoned with. Over the years since its establishment, it has become a center of excellence for coordinating emergencies, including COVID - 19. The eradication of WPV is a clear testimony to this fact, and the center was the engine room to this success. The center has hatched a lot of innovations in the Polio Programme that have been applied across the continent with successful results. All in the Polio Programme Space, call it the "University of Polio" and look forward to passing through it.

Dr. Usman Abdulkadir Gana; The National IM

I think the EOC has evolved from a polio-focused center to a hub for broader health interventions. It has reached a level where it plays a critical role in coordinating key meetings, including outbreak response, strategic and operational planning, performance reviews, working group discussions, and One Health initiatives. The EOC has truly become an essential arena for strategic health activities.

Dr. Usman Musa Matazu, Consultant, BMGF/ADF



POCR

"With the internet connection and digitalization at the EOC, everyone has access to data. As a result, the decision makers, i.e the Incident Manager and staff of the EOC have access to data and it allows for much faster decision making."

POCR Staff, DRC



"With the EOC in place, we now have real-time data. When enquiries are made to the surveillance team, they are able to provide you with results. Previously, you'd find that you need to start calling people and looking for information, but with the EOC, at least, it is proven that we can have almost all the expertise that we need in one building."



Testimonials

"The EOC has enabled me to work very easily. For example, in order to have the Polio campaign take place, we need to have a space for deliberation and planning, for macro planning, coordination and advocacy. All of these activities have to be done before the campaign kicks off. Prior to now, It used to be very hectic, but now, the EOC brings everyone on board, enabling proper management of sub-teams/sub-committees, that focus on different aspects of the work. I can reach them at once and track progress in terms of the readiness for the campaign. This makes a huge difference.

EMID

The EMID app is user friendly, very easy to use because it gives you what you want. It can help you register users, it also enables the user to self-register. You can through the EMID app know a patient's vaccination number, ID and any other important information you need. EMID is very good because as an immunization data recorder, it helps me a lot.



Nweke Mercy C. Ebonyi State EMID Focal Person

Previously, we used to report vaccination data manually, however, the manual reporting of the vaccination process many times does not produce accurate data. Once we started working with EMID App, there was a difference. You register on the EMID App, the data goes online immediately, It can be easily monitored at the back end, so it ensures data integrity and accountability.

Nwodom Christopher Ebonyi State Immunization Officer

Indigo

The Konduga LGA cold chain officer Ali Modu, testify that the vaccine wastage rate drastically reduced with the use of Indigo carrier.

DIAN

"My name is Damaris John. I used to sell Kunun gyada, but I've stopped now because of my health. I discovered I had high blood pressure about two or three years ago when I started feeling dizzy and having headaches. I went to the health center and found out I had BP. I wasn't taking my medication regularly before, but since I joined the DIAN project, my health has improved significantly. The treatment and counseling have really helped me. I sleep well now and no longer experience headaches.





Testimonials



I've stopped drinking Coke and eating meat, and I try to eat healthier foods like fish and vegetables. I'm also reducing my salt intake. Before, I didn't take all this seriously, but now I see the difference. The project has really improved my life. I would advise others to take their health seriously and follow the guidelines given." **Damaris John**

"Since they started treating me, I just feel better. Before, when I get home from work, I'd hang out with friends, relax, and drink. Now, she made me stop drinking like before. I don't drink as much anymore.

When I come back from work, I just like to rest. I feel good. Happiness is important in everything. My blood pressure is normal now, and I'm not drinking like before. If my friends call me to go out, I tell them I'm not interested. When I come back from work, I just want to sleep and rest. Yes, I'm getting better. I tell my friends that too much alcohol is not good. Not everything you see should be eaten."

Emeka Eze

"I feel good now. I feel fine. I'm happy about it. Right now, my health isn't perfect—I often complain about pain in my leg. Sometimes it hurts a lot. But since I've started using this medicine, I feel some improvement. The pain has eased a little. Although it's still there, I feel relief. Before, I couldn't stand or sleep for long periods, so that's better now. I would say they should go and see a nurse—it's true. I've even introduced the nurse to some people, like Mrs. Amirat. Overall, I feel good now, and I feel fine. I'm happy about it." **Mercy Eze**



"I heard about this project through my sister. She came to my house one day and told me about it, so I became interested. They gave me some drugs, which I've been taking. It's a very good project, and I'm very happy with it. I appreciate it.

Since I started taking the medication, I haven't noticed any issues. The only challenge was not having money to buy the medicine, but since joining this program, I'm very happy. I always advise others to stick to their medication, avoid the wrong foods, and take their medication regularly. I tell them that this project is helping a lot of people, and they should stay connected to benefit, just as I have.



Testimonials

Regular checks on your blood pressure and sugar levels give you peace of mind. I'm very happy with the free drugs, free tests, and everything I've received from this project. Taking care of your health is important to avoid problems and live a long life. My future plan is to pray for good health and long life, and for God to help me take care of my family." **Paulina Patrick**



"When I came here, they checked me and told me I have sugar (diabetes), and it was really disturbing me. Since I started taking the medicine—kai—now I'm okay, little by little. I'm getting better. I go for check-ups there regularly. Every time I go, they check me and tell me whether my sugar is high or low. So I'm not afraid anymore because I know that as I take the medicine, it helps me. If not for you people who care for us like this, what would we have done?" **Thalatu Hassan**

Post Distribution Monitoring

We were very impressed with eHealth Africa's commitment to the reliability of the data. A lot of effort has gone into making sure that all the enumerators really understand the questionnaire and ask questions in an understandable way..... We have been very impressed with how PDM was implemented here in Plateau State.

Alicja Szałapak, Junior Operations Manager and Lead for the Post Distribution Monitoring Project Against Malaria Foundation



Engagement of Traditional institution

The technical support, training and follow-up we receive (from eHealth Africa) through Sultan Foundation has gone a long way to improve our work as traditional leaders. Since the systematic engagement of traditional leaders in the fight against Polio, Traditional leaders are more committed and working round the clock to ensure we are promoting in-between activities, pre-implementation and vaccination campaigns to encourage mothers and caregivers to accept vaccines. We also go house to house to resolve cases of non-compliance in our communities



Alhaji Sani Umar jabdi, District Head of Gagi and Sarkin Yakin Gagi, Sokoto State



Testimonials

Digitization of Micro Plan

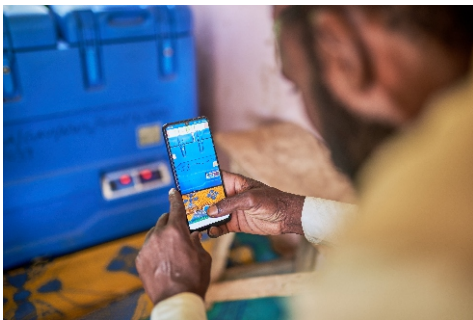
"The Planfeld pilot workshop is timely. Digitizing micro plans will significantly address the issue of resource allocation, which is one of the most challenging tasks in his 20 years in the health sector."

- Usman Abubakar, the Niger State Immunization Officer (SIO)



"The digitization process will significantly improve accuracy in immunization efforts for polio and other diseases, minimizing errors that were common with manual micro-planning,"

Dr. Abdullahi Musa Garba, Incident Manager, Polio Emergency Operations Center (EOC) Kaduna State Primary Healthcare Development Agency (SPHCDA)



The significant reduction in time and energy spent on developing the micro-plan, coupled with the fact that it's not a capital-intensive project, makes it a much easier process. Planfeld also ensures time-saving, which benefits and improves resource allocation associated with micro-plan digitization." - **Mr. Victor Obagunlu Adeleke, Kaduna State team lead for polio outbreak intervention with the SOLINA Center for International**

Development and Research

eHA Academy

"These graduates, now possessing fundamental skills and knowledge in Information Communications Technology (ICT) areas like web design and development, are well-prepared for opportunities both within Nigeria and internationally, and our ministry is ready and actively working on a partnership with eHealth Africa to further leverage this talent for the digitization of our healthcare system" - **Dr Yusuf Ibrahim Kofarmata (Commissioner of Ministry of Science, Technology and Innovation)**



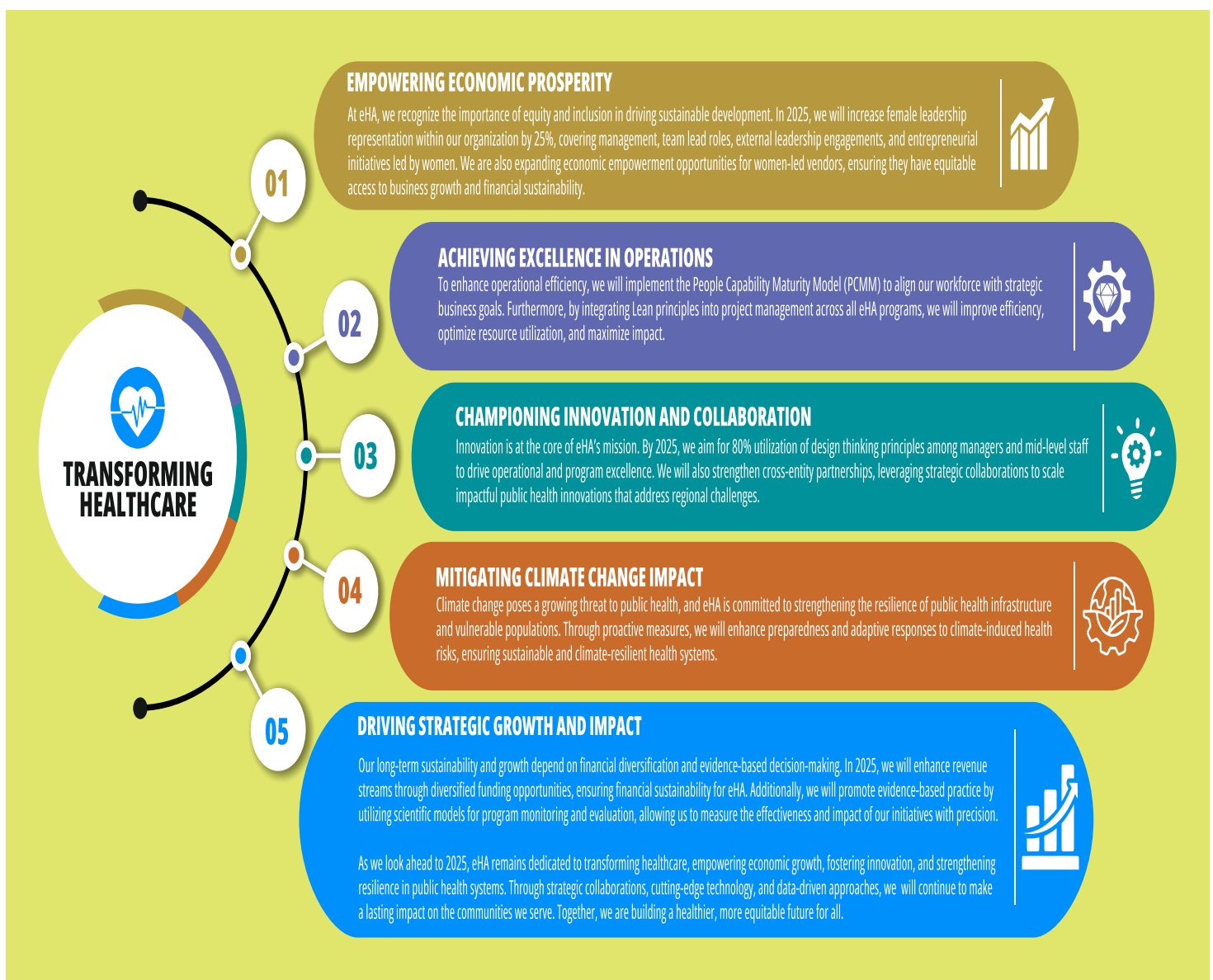


Looking Ahead

As we embark on 2025, eHealth Africa (eHA) remains steadfast in its commitment to advancing public health systems, empowering communities, and fostering sustainable impact. Our strategic vision is anchored in six key pillars that will shape our trajectory for the year, ensuring that we continue to innovate, collaborate, and drive meaningful change across Africa.

Transforming Healthcare

In 2025, we will enhance our supply and cold chain capacity through the full acquisition and integration of the Parsyl health system, ensuring real-time monitoring and optimization of vaccine and medical supply chains. We are committed to strengthening Emergency Operations Center (EOC) infrastructure for antimicrobial resistance (AMR) response, aiming for a significant reduction in AMR cases in Nigeria. Additionally, we will establish and strengthen a data-driven public health emergency response platform to improve planning, coordination, and response effectiveness by the end of the year. Investments in laboratory capacity will further bolster disease detection and prevention, improving public health outcomes.





eHA Dinner With Partners



eHealth Africa team Bond at Thank God Its Friday



eHealth Africa team Bond at Thank God Its Friday



eHealth Africa holds strategic Dinner with Key stakeholders in Kano



eHealth Africa holds strategic Dinner with Key stakeholders in Kano



eHealth Africa holds strategic Dinner with Key stakeholders in Kano





Engagement of Frontline Traditional Leaders to enhance Polio campaigns





Shaping Digital Health Conversations at Key Conferences

eHealth Africa Raises the Bar with Insights Learning Forum 2024

The Insights Learning Forum (ILF) 2024, held in Abuja, focused on “Digital Transformation in Public Health Practice: Innovations and Impact.” It convened experts and stakeholders to explore digital tools, data-driven strategies, and innovations improving healthcare delivery across Africa.

Keynotes and technical sessions addressed challenges and opportunities in digital health, including interoperability, mobile health platforms, logistics management, and policy transformation.

The event emphasized collaboration, knowledge sharing, and integrating technology to enhance access, sustainability, and quality in public health systems. Panel discussions highlighted pathways to scaling digital solutions and overcoming implementation barriers for long-term impact and health system transformation.





Shaping Digital Health Conversations at Key Conferences





Shaping Digital Health Conversations at Key Conferences





Shaping Digital Health Conversations at Key Conferences

eHealth Africa's Digital Innovation Takes Center Stage at the Africa Digital Health Summit (ADHS) 2024

As part of its commitment to advancing digital health solutions in Africa, eHealth Africa actively participated in the summit, contributing to key conversations on innovation and public health. During the summit, eHealth Africa hosted a panel session where it discussed a series of digital innovations and how instrumental these solutions have been in public health and disease surveillance.

The session, moderated by David Akpan, Deputy Director of Programs and Partnerships, featured Andrew Karlyn, a board member at eHealth Africa; Dr. Emmanuel Agogo, Director of Pandemic Threats at the Foundation for Innovative New Diagnostics (FIND); Dr. Monique Aaron Foster, Deputy Director of Programs at the Sierra Leone Division of Global Health Protection, Global Health Centers for Disease Control and Prevention; Dr. Ubong Okon, Deputy Director of Programs and Impact at eHealth Africa; and Motunrayo Bello, Chief Executive Officer of Womenovate.



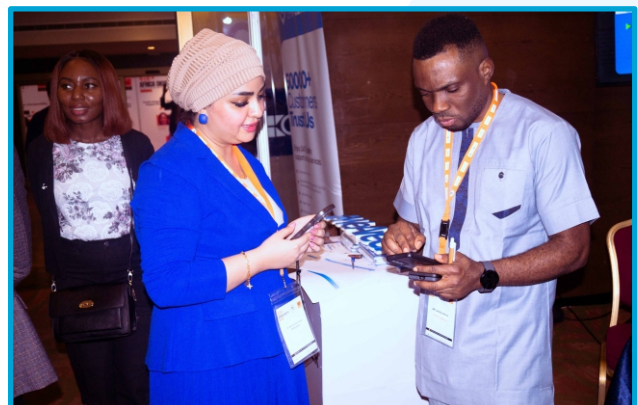
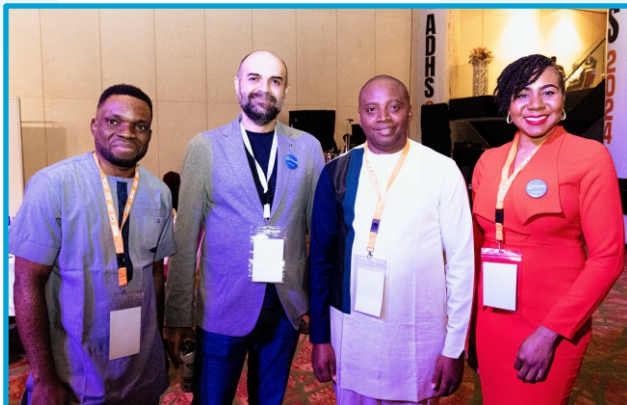


Shaping Digital Health Conversations at Key Conferences





Shaping Digital Health Conversations at Key Conferences





Shaping Digital Health Conversations at Key Conferences

eHealth Africa (eHA) at GDHF2024: Innovation, Collaboration, and Digital Health Impact

At the Global Digital Health Forum (GDHF) 2024, eHealth Africa (eHA) showcased its commitment to impactful digital health solutions through panel sessions, demos, and presentations. eHA highlighted innovations like Planfeld for real-time data management and the use of geospatial technology to enhance vaccination in hard-to-reach, security-compromised areas.

A breakout session explored how tailored tech and partnerships can address Nigeria's unique healthcare challenges. Executive Director Atef Fawaz emphasized the importance of collaboration and context in digital health. eHA's presence underscored its leadership in creating scalable, sustainable tools that drive public health impact across Africa.





Shaping Digital Health Conversations at Key Conferences





Shaping Digital Health Conversations at Key Conferences





eHA dinner with Partners





eHA dinner with Partners





eHA dinner with Partners





Partner with eHA

To explore collaboration opportunities with eHA, please contact us at: bd@ehealthafrica.org or call +234 809 099 5111. Stay updated on our programs by following our social media channels: <https://qrco.de/eHASocials>

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Improved Nutrition



World Food
Programme

Gavi
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Sightsavers
India



Federal Ministry of Health



CDC
CENTERS FOR DISEASE
CONTROL AND PREVENTION

NEW
HORIZONS
A Division of Global Health Labs

GH+
Labs

SOLINA

OMAH
COLLEGE OF MEDICINE AND
ALLIED HEALTH SCIENCES
COMAHS

Data.FI
Data for Implementation



j; jhpiego
Saving lives. Improving health.
Transforming futures.



Acknowledgements

A

- Africa Society for Laboratory Medicine
- Abt Associates
- AYPIN - Association of Young People Living with HIV in Nigeria

B

- BMBF: German Federal Ministry of Education and Research
- BlueroomCare
- Busara

C

- CBM - Christian Blind Mission
- CDC
- CDC Foundation
- Charite University of Medicine
- Clinton Health Access Initiative (CHAI)

E

- eShift

F

- Farm Radio International
- FHI 360
- Flowminder Foundation

G

- The Gates Foundation
- GOPA Consult

H

- Humanity Family Foundation For Peace And Development (HUFFPED)

J

- Jacaranda
- Jhpiego - CAM
- Jhpiego - NG
- Jhpiego - Sierra Leone
- JSI - Jon Snow Initiative
- JSI Research & Training Institute, Inc.

K

- Kano State Government
- Knowledge Translation Unit (KTU)
- KIRCT (Kano Independent Research Center Trust)

L

- Lagos State Ministry of Health
- LASAMBUS - Lagos State Ambulance Service

M

- Massachusetts Institute of Technology
- McKinsey

N

- NANA Girls
- New Horizons, Global Health Labs Inc.
- Norwegian Church Aid (NCA)

O

- Options Consult

P

- PharmAccess
- Plan International

R

- Reach Digital Health
- Reiner Lemoine Institut GmbH

S

- Society for Family Health (SFH)
- Sokoto State Government
- TB Network
- Technical Advice Connect LTD/GTE (TACConnect)
- THINKMD Inc.
- Tiko

U

- University of Nebraska Medical Center (UNMC)
- University of Utah

V

- Vital Strategies
- Visual EARTH Group
- Voluntary Service Overseas (VSO)

W

- World Food Programme
- World Health Organisation



Research and publications in 2024

Adherence to integrated management of childhood illness (IMCI) guidelines by community health workers in Kano State, Nigeria through use of a clinical decision support (CDS) platform -

[Megan McLaughlin](#), [Loveth Metiboba](#), [Aisha Giwa](#), [Olufunke Femi-Ojo](#), [Nirmal Ravi](#), [Nasir Mamoud Mahmoud](#), [Ezra Mount-Finette](#), [Ollin Langle-Chimal](#), [Dina Abbas](#) & [Barry Finette](#)

Read here: <https://bmchealthservres.biomedcentral.com/articles/10.1186/s12913-024-11245-z>

Strengthening cold chain maintenance systems in resource-constrained environments: insights from Nigeria by Tahir Buhari

Read here:

<https://www.insights.bio/vaccine-insights/journal/article/3363/Strengthening-cold-chain-maintenaance-systems-in-resource-constrained-environment>

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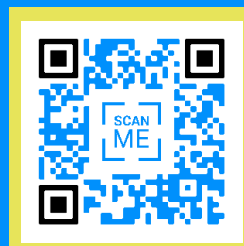
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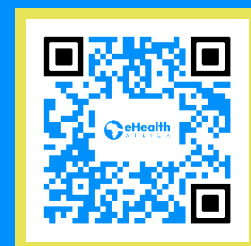
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