



Public Health Emergency Management (PHEM) Capability Statement

About eHealth Africa (eHA)

eHealth Africa (eHA) is a leading African public health organization operating in **over 24 countries**, delivering **technology-enabled, data-driven emergency management systems** that strengthen surveillance, preparedness, and coordinated outbreak response across Africa.

Our PHEM Capabilities and Impact

1. Emergency Operations Centers (EOCs) & Incident Management

- Supported **11 national and subnational EOCs in Nigeria** and established **50+ Polio Outbreak Control Rooms across 24 countries**.
- Trained **1,800+ practitioners** and supported **24,733 EOC visits** in 2025.
- Expertise includes IMS activation, real-time analytics, simulations, and surge support.

2. Surveillance & Early Warning Systems

- Deployment and strengthening of **eIDSR, DHIS2-based systems**, and event-based reporting tools.
- Digitized Sierra Leone's national disease surveillance system and mapped **194,467 settlements** for outbreak intelligence.

3. Community-Based Surveillance (CBS)

Flagship Model: AVADAR (Auto-Visual AFP Detection & Reporting)

A multi-country digital CBS program improving real-time detection of Acute Flaccid Paralysis (AFP) in high-risk areas.

AVADAR Scale and Achievements:



Implemented in

8 countries

(Nigeria, Liberia, Sierra Leone, Chad, Niger, DRC, South Sudan, Cameroon).



7,236

Community Informants,
837
Investigators trained.



62,292

suspected AFP cases were supported for investigation.



2,369

confirmed AFP cases, **40,615**
silent reporting issues resolved.



Strengthened surveillance

in remote, conflict-affected settings through mobile-based reporting.

Value for Donors:

AVADAR demonstrates eHA's ability to scale digital CBS systems internationally, build community trust, integrate with national PHEOCs, and deliver measurable surveillance impact.

4. Digital Health Innovation

eHA integrates interoperable systems that power national epidemic intelligence and logistics, including:

- **AVADAR** (digital CBS)
- **LoMIS** (logistics & cold chain visibility)
- **GTS** (geospatial tracking)
- **PlanFeld** (campaign planning)
- **Remote temperature monitoring**

Over **20,000 health workers trained** on digital platforms during national EMID optimization.

These systems align with eHA's PHEM Strategy 2026–2028 to build virtual PHEOCs, strengthen PHC-level surveillance, and improve decentralized detection and response.

5. One Health & Climate-Resilient Systems

- Solarization of **238 PHCs**, reducing diesel use by **75%** and energy savings of **NGN87.95M** in the last 6 months (Sept 2025 - Feb 2026)
- **65% increase** in patient attendance at supported health facilities.
- eHA is collaboratively strengthening climate health resilience through the deployment of the Climate Health Vulnerability Assessment Tool (CHAT). CHAT is a DHIS2-based digital application designed to assess and strengthen the climate resilience of health facilities.

Why Donors Choose eHA

- **Proven multi-country execution** in complex, fragile, and low-connectivity environments.
- **End-to-end digital architecture** linking communities, PHCs, LGAs, districts, regions, states, and national PHEOCs.
- **Demonstrated CBS success at scale** through AVADAR—reinforcing capacity for epidemic-prone diseases beyond polio.
- **Strong partnerships** with WHO, NCDC, Africa CDC, UNICEF, RTSL, and governments.
- **Expertise in logistics, surveillance, digital health, and field operations** required for timely outbreak detection and response.

Conclusion

eHA offers government and partners a **trusted, scalable, and results-driven partner** for strengthening health security across Africa. By integrating **EOCs, digital surveillance, CBS, and One Health systems**, and leveraging proven models like **AVADAR**, eHA delivers effective, high-impact PHEM solutions that protect communities and improve national readiness for future public health threats.