

Deepening Roots 2025

*Improving Frontline Health, and
Ethical AI Governance for a More
Equitable Society*

2025

Activity & Impact Report

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Country Director's Forward



John Aitokhuehi

Orodata Science was founded with strong conviction that data could improve the lives and wellbeing of millions of humans. It's been 13 years, and that vision still remains as the road stretches ahead. Above all else and without considerable doubt, data has proved that it can ameliorate the conditions upon which ordinary Nigerians live, work, and play. It is ultimately changing how power is exercised in the spaces where ordinary Nigerians exist. Our work in 2025 tested that conviction more thoroughly than any year before it.

There is no question that we have arrived at something real. Over the course of two ambitious phases of CheckMyPHC, we completed site-level assessments across more than 1,480 government-owned Primary Health Care Centres, growing from 345 facilities in Phase I to over 1,135 in Phase II spanning 16 states and reaching communities that serve an estimated 2.1 million Nigerians annually. We received over 4,900 community data collectors and deployed over 60 data collectors, supported 38 journalists to produce public-interest stories, and built a field operation that combined geo-tagged evidence gathering with boots-on-the-ground accountability.

Beyond health, through our support of a civil society organization, on an infrastructure campaign, we helped track 35 public projects across seven states, reaching over three million Nigerians within four weeks and generating direct government responses. These are not small numbers. And yet, we know that the surface has not been scratched yet.

There are questions that keep me up at night. Questions we must never stop asking. Question that defines who we are. After a report is published, what's next? After a government's press response, what's next? What has changed? What is changing? What must we do to ensure that the change is sustained? The discipline of pushing past the announcement, past the

metric, past the deliverable to ask whether something in the world has actually changed: this is the intellectual and moral core of Orodata's work. It is what separates data collection from accountability, from institutional strengthening, and what must continue to shape every programme we design and every story we help tell.

I am reminded of this most sharply when I ponder on what we found in the field. In facility after facility across Nigeria, our data collectors documented a reality that numbers alone cannot fully hold: primary health centres without power, without running water, without functional toilets, and, in too many cases, without the basic dignity that should accompany any space where a human being comes to heal. These were not outliers, but patterns: structural, systemic, and in many cases, decades old. The data revealed this. Our journalists reported it. And yet the question lingers. Who changed because of what we found? Which child received care that was previously denied? Which ward now has a generator because someone read our PHC Energy Report? These are the metrics that matter most, and they are also the hardest to capture. We are not yet where we need to be in measuring the depth of our impact, and that honest reckoning must shape our next chapter.

Visibility has emerged as perhaps our most urgent unfinished business. It is one thing to produce credible, rigorous work. It is another to ensure that the people who most need to act on it; citizens, journalists, policymakers, civil society, and community leaders know it exists and trust what it says. I have encountered stakeholders in the very communities we serve who have never heard of Orodata, never encountered CheckMyPHC, and have no idea that their PHC was assessed, documented, and published in a publicly accessible report. This gap between our output and its reach is not a communications failure; it is a strategic one.

Impact without visibility is accountability deferred. Investing in how we communicate, where we distribute, and whom we activate must become as central to our theory of change as the data work itself.

The global environment in 2025 has done nothing to make this easier. The contraction of international development funding accelerated by structural shifts in major donor institutions has placed enormous pressure on organizations like ours that have historically operated on project-based cycles. We have felt the turbulence directly. It has forced us to be more deliberate about the choices we make: which programmes we scale, which partnerships we pursue, and where we are willing to say no. In an environment where the treadmill of fundraising can consume the very energy needed to do the mission, the urgency of finding more sustainable, long-cycle funding has never been clearer. We need endowments. We need large, flexible support that does not expire with a project code. And we need donors and partners who understand that systemic change is not delivered in a twelve-month grant cycle.

At the same time, technology is reshaping the terrain beneath our feet, and we cannot afford to watch from the sidelines. In 2025, we began building AI governance frameworks for Nigerian media houses, providing structural blueprints for newsrooms navigating the responsible and ethical adoption of emerging technologies. This work reflects something I believe deeply: that the institutions responsible for holding power to account must themselves be equipped to manage the power of the tools now available to them. And the Civil Society is a good example of such institutions. AI is not a threat to accountability journalism or to data-driven civic work. Misused, unsupported, and unregulated, it becomes one. Our role in shaping how these institutions engage with it is not peripheral; it is central to the next phase of what Orodara must be.

I have also had to ponder on the honest questions about our internal architecture. As we expand in scale and scope, reaching new states, building new products, and supporting new journalism and civil society ecosystems, our internal structures must evolve in step. Talent, in the civic technology space, is increasingly competitive. Holding exceptional people in service of a mission they believe in requires more than belief alone.

It requires investment, structure, recognition, and a genuine commitment to the development of the people who make this work possible. These are areas where, as an organization, we have more work to do. I say this not as a criticism of what we have built, but as a commitment to what we are building next.

As we step into the next strategy cycle, I am clear that continuity alone will not carry us forward. The communities we serve are changing. The information landscape is changing. The tools of both accountability and obfuscation are changing. Orodara must change with them, not reactively, but with intention. We must deepen our presence in the states where we have begun to build trust. We must design more participatory systems that put communities at the centre of data collection and interpretation, not merely as subjects of assessment but as architects of evidence. We must strengthen the bridge between what we find and what gets acted upon, and we must develop cleaner, more transparent mechanisms for tracking whether the accountability we catalyze actually sticks.

Our work remains vital in a country where public institutions are chronically underfunded, political will is inconsistent, and citizens are too often left to navigate systems that were never designed with their welfare as the primary concern. Yet we continue, sustained by the evidence of what becomes possible when credible local data meets sustained, honest reporting. Above all, I remain grateful to our research and analytics team, our field data collectors, our partner journalists, civil society, our advisory board, and the communities who opened their doors and shared their realities with us. Together, we stay committed to making data not merely available but a genuine and disruptive force for a more transparent, more equitable Nigeria.

The data has been collected. The work of ensuring it matters has only just begun.



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General Programs

Impact statistics

In 2025, Orodata Science advanced citizen-led accountability in public health and public infrastructure through CheckMyPHC, the dedicated PHC Energy Report, and support for MonitNG's infrastructure-monitoring campaign. Across two CheckMyPHC phases, the programme conducted site-level assessments at more than 1,480 government-owned Primary Health Care Centres growing from 345 facilities in Phase I to over 1,135 facilities in Phase II. The work covered 16 states and facilities serving persons estimated at about 2.1 million who use the PHCs annually.

The programme combined geo-tagged facility assessments, community evidence gathering, and public-interest journalism. Phase I delivered 10 training modules over 32 hours; Phase II received 4,753 applications and engaged 31 data collectors and 20 journalists, supported through a three-phase training cycle and an estimated 120 hours of technical and operational support. Phase I publications and evidence products recorded over 1,580 digital downloads and approximately 400 printed reports and contributed to two awards for investigative reporting.

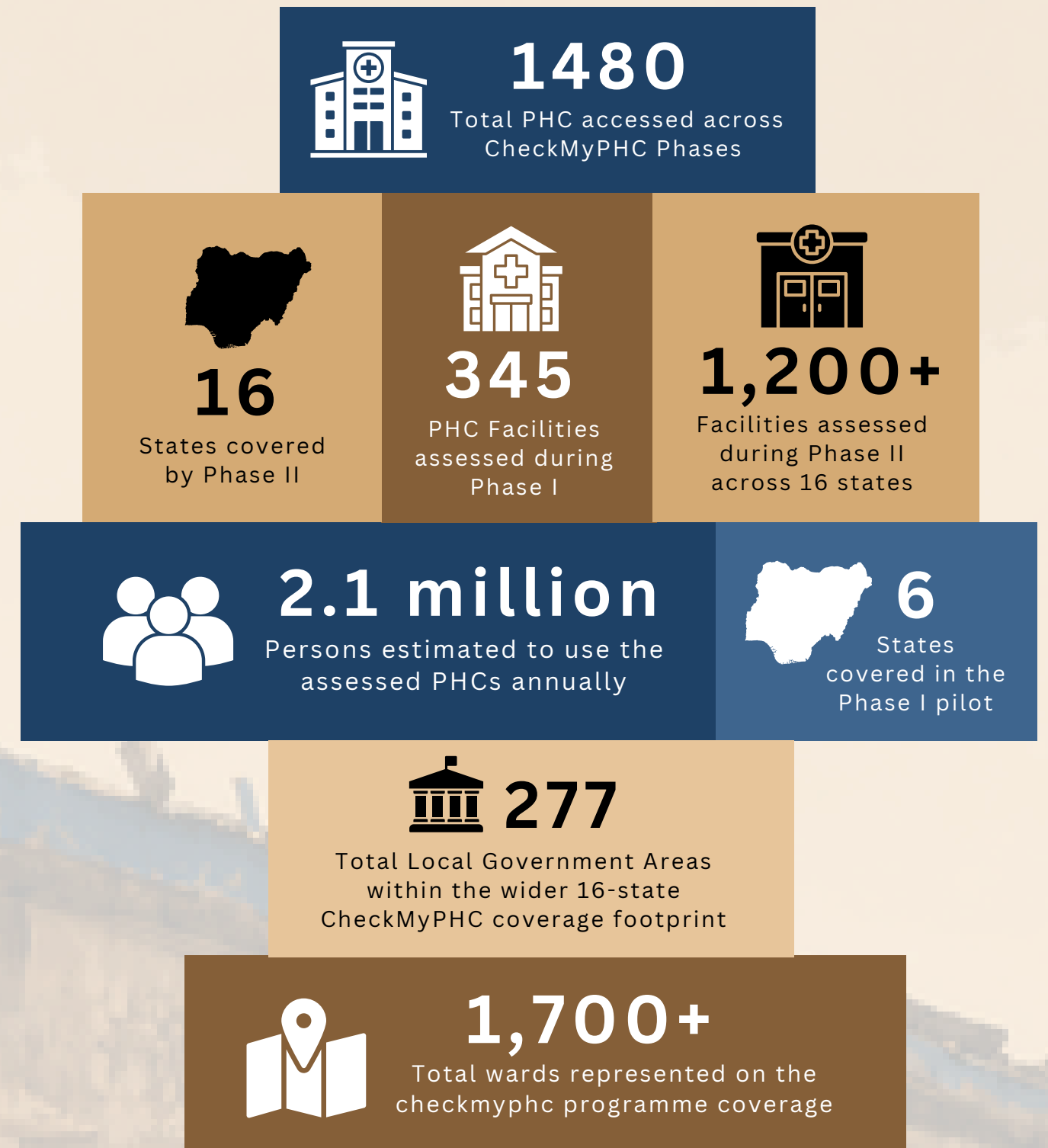
The PHC Energy Report made electricity a central accountability issue in primary healthcare. It found that 34% of Phase I facilities had no power supply, while 45% relied on PHCN electricity conditions with direct implications for maternity services, vaccine storage, diagnostics, emergency care, and staff working conditions. The report provided evidence for stakeholders to demand clearer and more reliable PHC energy investments, including solar-hybrid solutions where appropriate.

The work also contributed to a wider public conversation on PHC revitalization and transparency. Following Phase I, the government publicly reported that 901 PHCs had been revitalized. Subsequent Freedom of Information engagement supported calls for clearer public reporting, and the National Primary Health Care Development Agency (NPHCDA) introduced an accountability dashboard/portal through which PHC revitalization information could be publicly tracked.

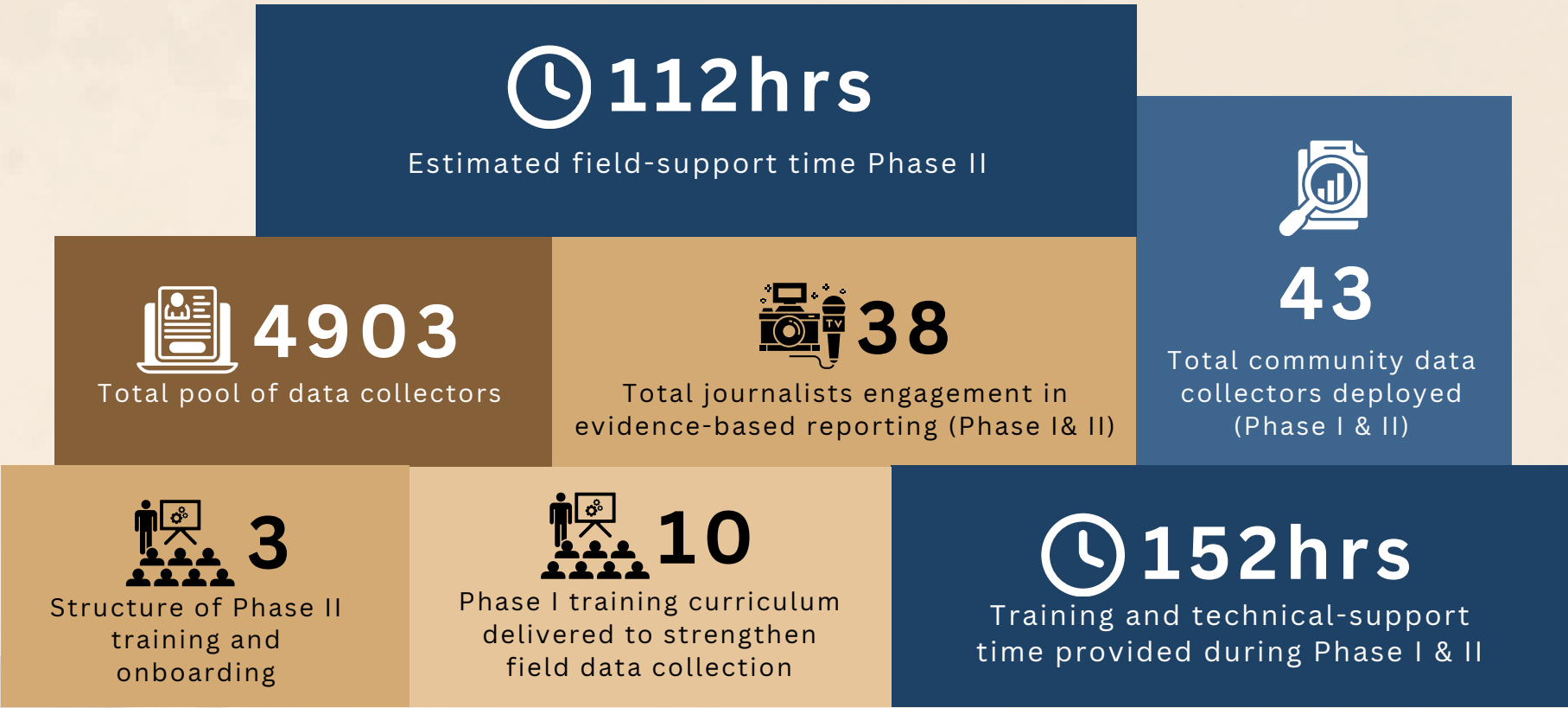
This created an important avenue for citizens, civil-society organizations, journalists, and policymakers to scrutinize implementation claims and follow progress beyond announcements.

Beyond the health sector, Orodata supported MonitNG to track 35 public infrastructure projects across seven states, including schools, PHCs, water projects, electricity projects, roads, an agricultural initiative, and drainage infrastructure. Amplified through the Sahara Reporters partnership, the campaign reached over three million people within four weeks and generated government responses, including action on school-infrastructure concerns in Oyo State and the reconstruction of a substandard road in Edo State.

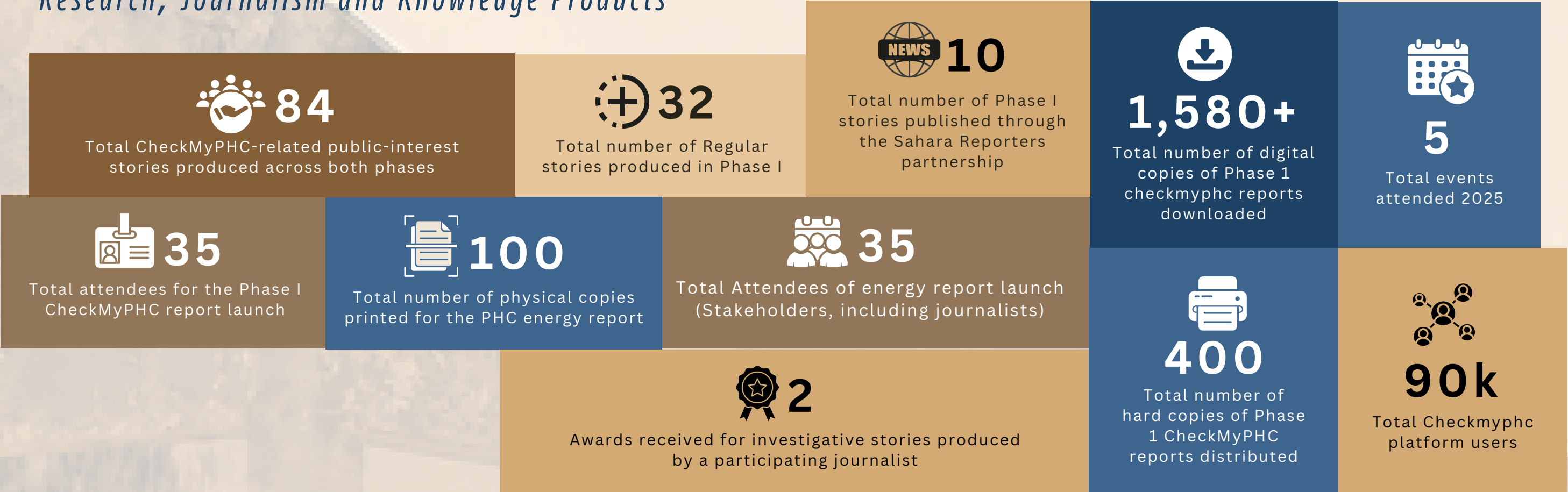
Together, these efforts show how credible local data and sustained reporting can strengthen oversight of public services and investments.



General Impact
Numbers Continued
Participation, Training and Field Operations



Research, Journalism and Knowledge Products



*PHC Energy Report**Government Accountability and Transparency**MonitNG Infrastructure-Monitoring Support*

24

Education infrastructure projects monitored



3

Primary healthcare projects monitored



1

Government accountability PHC portal for a public transparency mechanism introduced after Phase 1

45%

Total % of facilities reporting access to PHCN electricity for Phase I

34%

Total % of facilities reporting no power supply at all for Phase I



36

Total infrastructure projects monitored and reported under the MonitNG campaign supported by Orodata



7

Locations covered (MonitNG campaign): Edo, Oyo, Abuja/FCT, Kebbi, Rivers, Sokoto, and Benue

4 weeks

Period in which the campaign reached more than three million people



137,000

Recorded views for the Abuja community water source Sahara Reporters video



175 schools

Total number of schools Oyo State government reportedly pledged to renovate, post campaign



819

Total E-town hall participants



20

Total media houses worked with



24

Total E-town hall meeting speakers (Year 2025)



3M+ Nigerians

People reached by the MonitNG campaign through the Sahara Reporters partnership within four weeks



901

Number of PHCs the government publicly reported as revitalized after Phase I campaign



11 years

Length of time for an abandoned electricity project (Abuja community)

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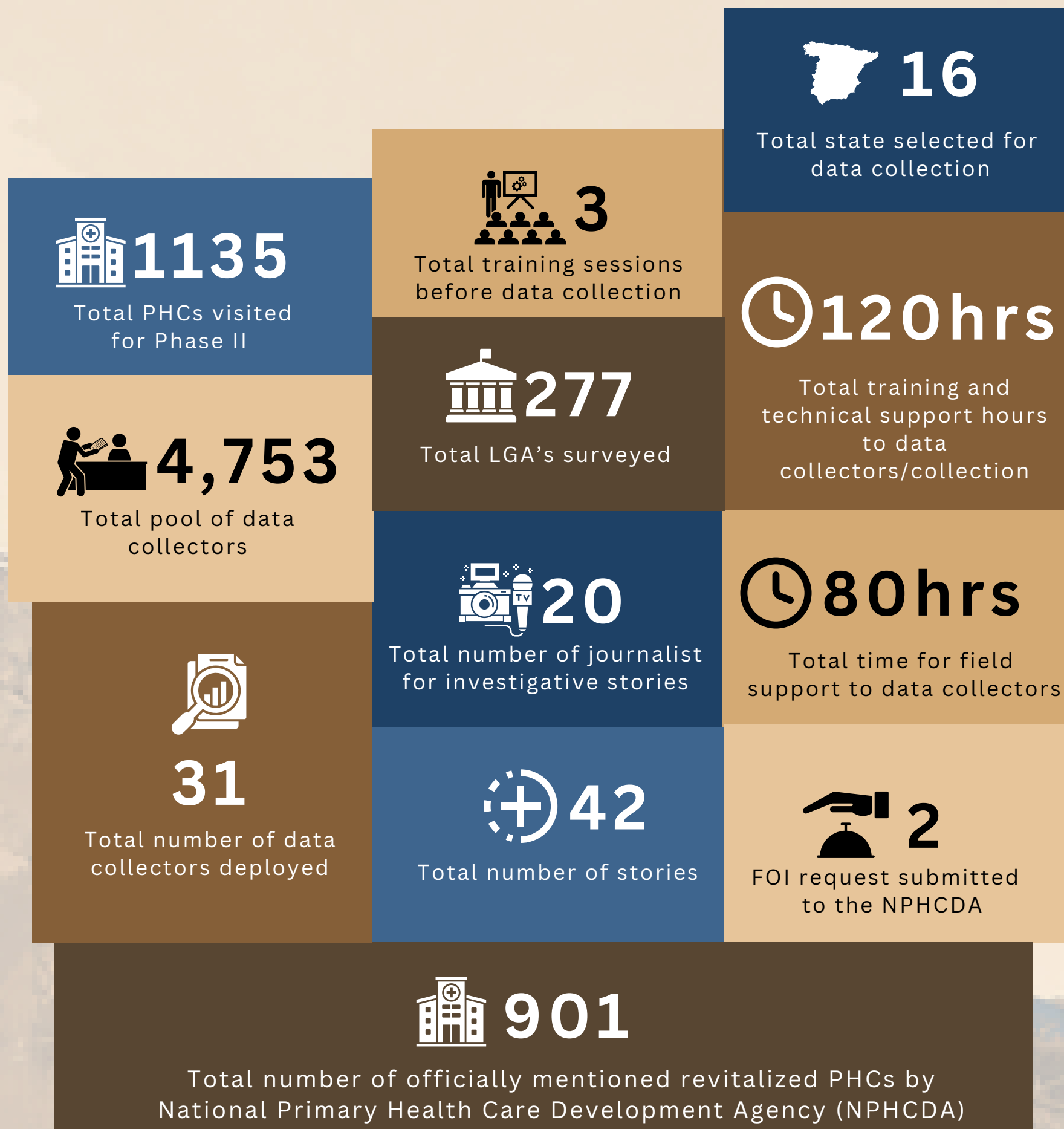


CheckMyPHC: Impact Summary

Phase 1

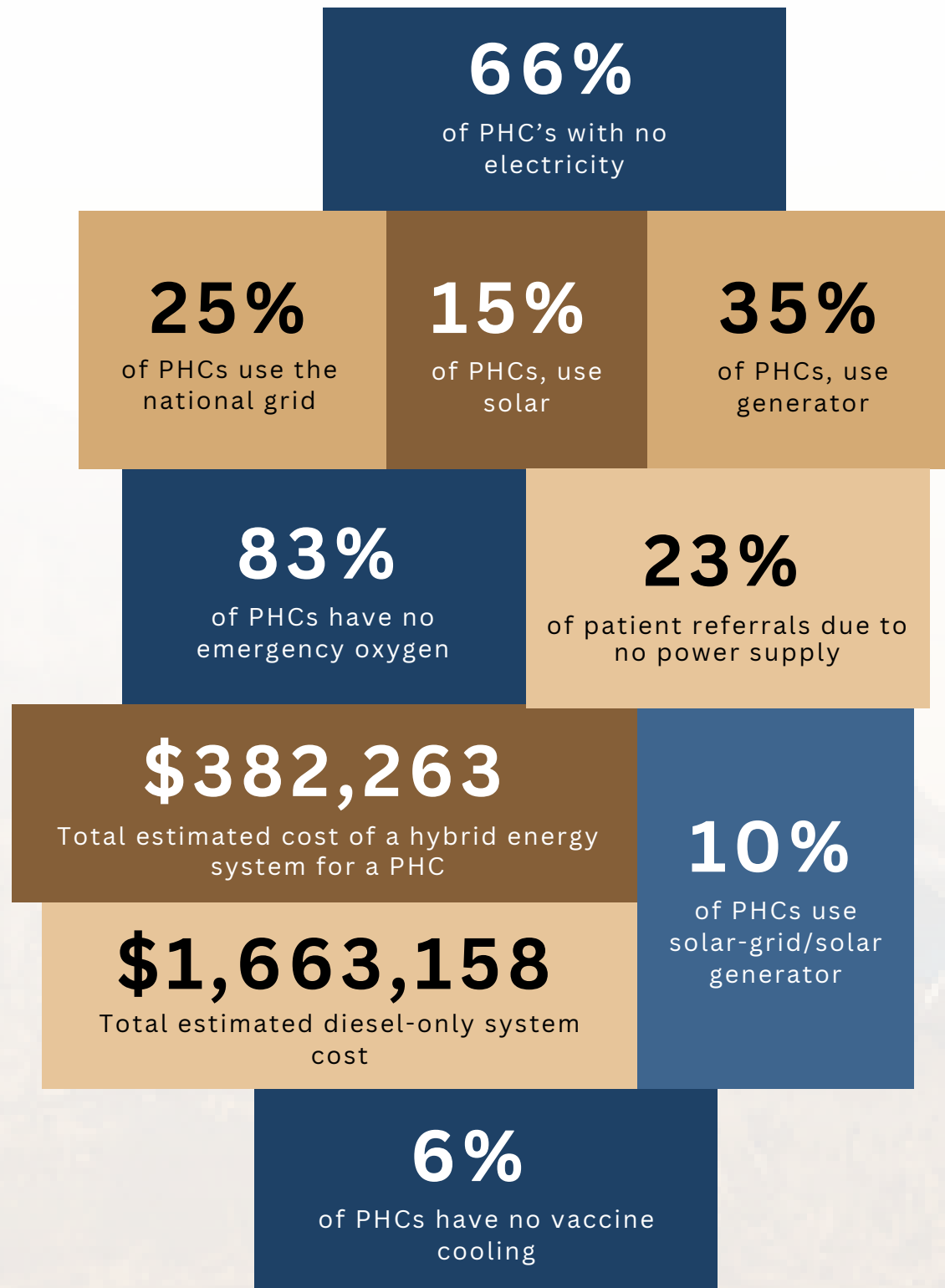


Phase 2





Power Sector Report Snapshot



Across 345 Primary Health Centres (PHCs) in Anambra, Benue, Cross River, Osun, Taraba, and Sokoto, the report finds that 66% have no electricity. This means many facilities cannot safely provide the basic care communities depend on.

The impact is clear: 83% of PHCs cannot support emergency oxygen, 6% do not have working vaccine refrigerators because of power problems, and 23% of patient referrals happen because equipment cannot work during power failures.

In other words, patients are often referred not because their condition is too complex, but because the nearest health centre has no reliable power.

Even where power is available, it is not dependable. Only 25% of PHCs use the national grid, while 35% rely on generators, mainly as backup. Just 15% use solar power and 10% use solar-grid or solar-generator systems. Grid outages and high fuel costs make this arrangement expensive and unreliable.

The 2024 budget review indicates a gap in the clear prioritisation of electricity for Primary Health Centres (PHCs). Anambra's approved budget totalled ₦410.1 billion and Benue's ₦225.7 billion, while Taraba budgeted ₦13.3 billion for infrastructure projects.

Benue also budgeted ₦135.56 million for health equipment and ₦192.2 million for hospital construction, while Osun allocated ₦712 million for hospital provision. However, these broad health and infrastructure allocations do not explicitly identify funding for PHC electricity, solar power, or other dedicated energy projects.

Yet, the report found little or no clear funding specifically for PHC power, solar systems, repairs, or maintenance. This means buildings and equipment may be funded without the electricity needed to use them.

The report recommends solar and solar-grid systems that are built for long-term use, with repairs, monitoring, and local technicians included from the start, not one-off equipment donations.

Evidence cited in the report suggests that solar can cost less over time: one Nigerian study found that a solar-grid system could recover its cost in about 4.8 years, while another found stand-alone solar could cost 64.4% less over its full working life than petrol generators.

These figures are from Nigerian case studies, not estimates for all 345 PHCs. See the Orodara Energy Report, p. 33, citing CJUST and JEST studies.

The key message is that electricity must be treated as part of healthcare. Governments should create a clear PHC clean-energy budget line, set aside part of every new PHC construction or renovation budget for reliable power, check facilities regularly, and fund maintenance.

Reliable energy will protect vaccines, support emergency care, reduce needless referrals, and help PHCs deliver the services they were built to provide.

*Analysis of 2024 Approved
Budget Allocations for
Primary Healthcare Energy
Infrastructure:
A Study of Six Nigerian
States*

Benue
₦225.7
billion

Approved total expenditure:
Limited energy planning

Anambra
₦410.1
billion

Approved total expenditure
(No PHC energy funding)

Benue
₦192.2
million

Budgeted for hospital
construction: Infrastructure
without resilience.

Benue
₦135.56
million

Budgeted for health
equipment: Equipment
without power

Cross River
₦1
million

Budgeted for hospital
infrastructure: Minimal
infrastructure funding

Cross River
₦120.75
million

Budgeted for equipment:
Very limited support

Taraba
₦13.3
billion

Budgeted for
Infrastructure:
No PHC Energy Line

Osun
₦712
million

Budgeted for hospital
provision:
Energy not included.

64%

Lower Life-Cycle Cost for solar
compared to generator

5-year
payback
/ 16% ROI

Solar's Economic Value



Nationwide Data Mobilization Effort

Building on its core mission to improve institutional reforms and bolster health systems, Orodata Science began the year with a significant expansion of its data-driven initiatives. In January 2025, the organization officially launched the second phase of its nationwide data mobilization effort, scaling its reach to include 10 additional states. This strategic expansion culminated in a comprehensive data collection exercise across 16 states in Nigeria, reinforcing a commitment to ensuring accurate and inclusive data is available at all levels of governance.

This period stood out because of the deployment of innovative civic technology solutions designed to facilitate access to rich data and foster real discoveries. The team achieved this through a refined use of technology and data science.

A primary focus of this data collection phase was the health sector, specifically targeting Primary Healthcare Centers (PHCs). The initiative empowered community journalists and researchers to report on the status of these facilities and the funds appropriated for their rehabilitation. This groundwork supported subsequent high-impact initiatives, including the PHC Hackathon, which used collected data to build technical solutions for health challenges.

It also strengthened newsroom engagement, providing journalists with critical data knowledge and tools to improve reportage on developmental news. Finally, it advanced institutional reform, utilizing gathered evidence to tackle large-scale problems such as fiscal irresponsibility, gender inequality, and poor service delivery.

Through these efforts, Orodata Science continues to drive the vision of a data-literate world. Supporting novelty-driven explorations and providing the evidence needed for emancipatory change ensures that every data point collected serves as a catalyst for transforming institutions and improving society.





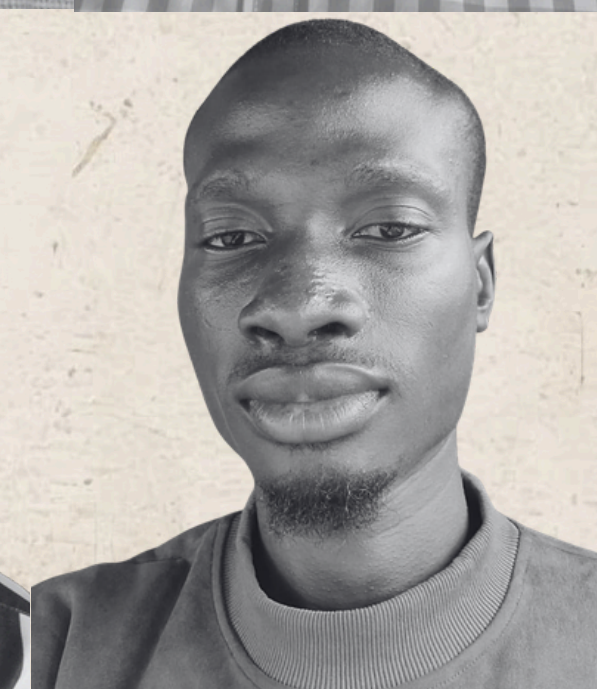
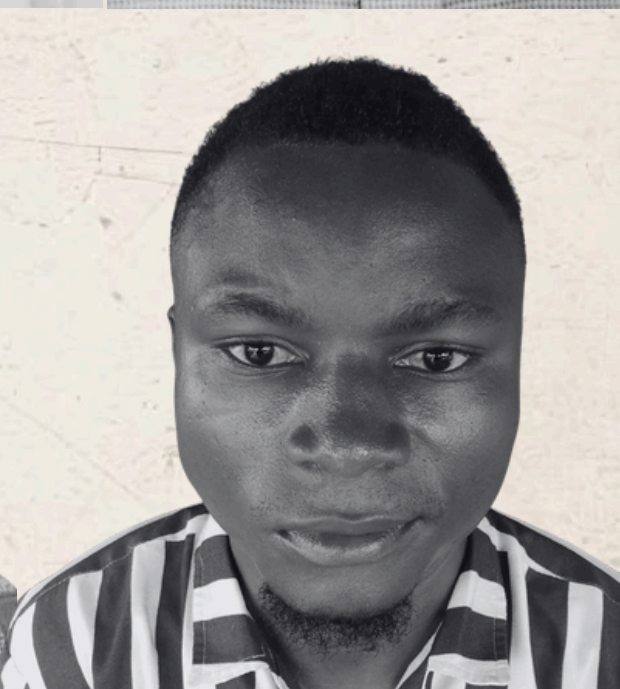
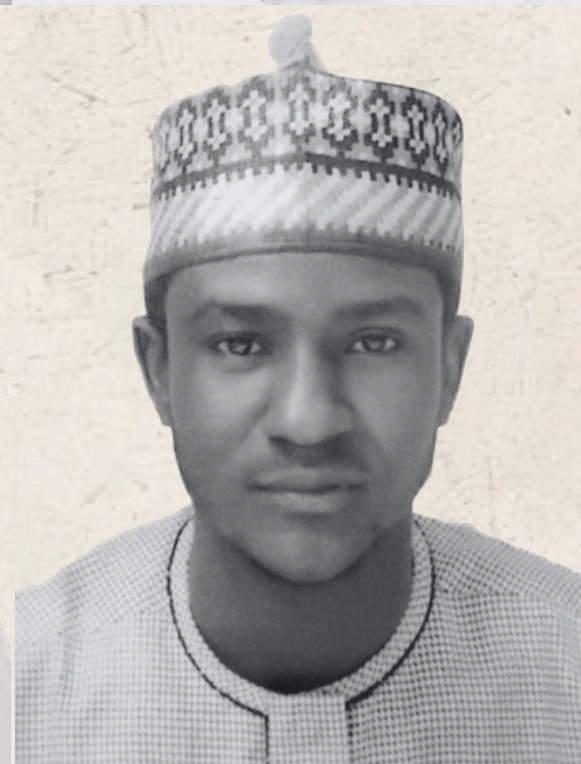
Meet Some of Our Data Collectors

Functioning as the essential foundation of our field operations, our network of more than **30 dedicated data collectors**, researchers, and civic actors was deployed across diverse communities to drive the primary data mobilization phase with absolute precision.

Tasked with navigating complex local landscapes, they engaged directly with primary health centers (PHCs) and community stakeholders, transforming the abstract concept of institutional transparency into a rigorous, verifiable field exercise.

Armed with tailored digital tools and trained in standardized methodologies, our data collectors meticulously gathered structural, operational, and staff indicators from facilities that are often excluded from mainstream datasets. Their granular approach to mapping infrastructural decay, equipment gaps, and personnel shortages provided the raw, unvarnished evidence needed to fuel subsequent investigative work and technological innovations.

In capturing authentic, verifiable data points straight from the source, these frontline collectors acted as crucial conduits of truth, establishing the foundational integrity required to hold institutions accountable and push for systematic public health reforms.





Frontline Investigative Program

Integral to our broader data collection efforts across the federation, the Frontline Investigative Program served as a cornerstone for reinforcing health systems and enabling community media in 2025.

In our quest to bridge the gap between raw data and public awareness, we empowered a cohort of over 16 journalists who were deeply embedded in the primary health care data collection process.

This synergy between data science and media innovation resulted in the generation of 41 investigative stories, each providing a critical look at the status of primary health centers (PHCs) and the transparency of funds appropriated for their rehabilitation.

These outputs were not merely reports; they were strategic tools designed to foster media innovation and facilitate access to inclusive, rich data. By providing media professionals with critical data knowledge and tools, Orodata Science ensured that evidence-based discoveries directly influenced national and subnational conversations regarding poor service delivery and fiscal irresponsibility.

This initiative directly supported our passion for empowering individuals to forge sensible discoveries that trigger real outcomes and emancipatory change within their local jurisdictions.

Through this program, we continued to refine our role as a trusted accountability partner, ensuring that the groundwork laid during our data collection phases translated into actionable knowledge for the public.

The Frontline Investigative Program stands as a testament to our vision of a data-literate world where journalists and institutions use information to tackle multi-dimensional challenges and rebuild communities.





Meet Our Frontline Investigators

Central to the success of the Frontline Investigative Program is a dedicated cohort of over **30 community journalists** and investigative reporters who serve as our vital boots on the ground. Operating at the intersection of data science and grassroots storytelling, these media professionals were deployed across our target states to bridge the gap between overlooked community realities and actionable civic data.

In equipping them with advanced data journalism techniques, data tracking tools, and specialized training, Orodata Science empowered these journalists to penetrate hard-to-reach areas and investigate the true operational status of primary healthcare facilities.

Their rigorous, evidence-based reportage transformed raw data points into human-centric narratives, ensuring that fiscal irresponsibility and poor service delivery were brought to the forefront of public discourse. As a direct result of these field investigations, more than **70 in-depth publications** were produced, driving widespread media visibility and setting a new benchmark for public health accountability in Nigeria.

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Key Activity: Report Generation & Multimedia Strategy

In 2025, Orodata Science prioritized the translation of complex datasets into actionable insights through a robust report generation and multimedia strategy.

Central to this effort was the Energy report launch, which provided a comprehensive analysis of sector-specific challenges to trigger real outcomes and institutional change.

In combining data science with design and research, we provided media partners with the critical knowledge and tools necessary to improve the reportage of developmental news.

Our multimedia approach ensured that findings from our nationwide data collection efforts were not only inclusive but also highly accessible to diverse audiences.

This strategy directly supported our passion for empowering people to forge sensible discoveries that create real change within their communities.

In refining our use of technology and storytelling, we reinforced our position as a trusted accountability partner, ensuring that evidence-based insights guided both national and subnational conversations.





Key Activity: Capacity Building: Training & Fellowships

Building on our core vision of a data-literate world, Orodata Science dedicated 2025 to empowering individuals and institutions with the technical knowledge necessary to tackle today's multi-dimensional challenges.

Our capacity-building initiatives are rooted in the belief that when people are equipped with the right information, they can develop solutions that impact the lives of millions. This year, we moved beyond traditional training models to support novelty-driven explorations that improve the capacity of stakeholders to forge real discoveries and trigger emancipatory changes.

A centerpiece of our 2025 capacity-building strategy was the Hackathon with PHC data. This initiative was designed to foster a collaborative environment where data scientists, researchers, and technology enthusiasts could interact directly with raw data from primary health centers.

In facilitating these novelty-driven explorations, we encouraged participants to think of data not just as numbers, but as a catalyst for rebuilding communities and enabling people to prosper. The hackathon served as a platform for developing innovative civic technology solutions that address gaps in the health system.

Our fellowship programs this year focused on reinforcing health systems and supporting institutional reforms. We worked closely with various governance actors to ensure that institutional accountability is not just a concept, but a practice backed by data literacy.

In refining the use of data and technology within these organizations, Orodata has continued to lay the groundwork for greater impact, reinforcing our position as a trusted accountability partner.

Through these fellowships, we aim to transform institutions by empowering the people within them to forge sensible discoveries that create real change.







Key Activity: Responsible AI Training for Newsrooms

We equipped newsrooms in Nigeria with practical, responsible AI usage protocols and training, ensuring that technology enhances, rather than undermines - editorial independence, public trust, and journalistic integrity. With the advent of the AI Revolution, governance for Newsrooms (considered as the fourth Estate of the realm) on the use of emerging technology/resources is of the essence.

We trained on how Newsrooms could leverage on Notebook LLM AI tool in creating interactive Podcasts on already published Stories, this is to enable a wider reach for stories and present Podcast as a new product which can increase the review for newsrooms if monetised.

Justin Chuka - AI Expert, Training on Note Book LLM AI

We organised a multi-stakeholder AI Governance Roundtable Hybrid event in Nigeria with local newsroom editors, investigative journalists, AI researchers, and legal experts.

Looking ahead, deepening newsroom engagement will be essential to sustaining the momentum already built across health desks in Nigeria. Newsrooms will increasingly rely on structured data support, training, and collaborative platforms to strengthen evidence-driven storytelling and maintain public trust.

As journalists seek to improve coverage of underreported healthcare realities, targeted capacity-building and access to contextual datasets will remain a priority. Continued partnerships with civic-tech organisations will help newsrooms bridge existing data gaps and amplify the impact of published stories.



Key Activity: Newsroom Training & Media Support

In November 2025, Orodata Science significantly expanded its commitment to enabling community media by providing journalists with critical data knowledge and tools. We believe that data has the power to improve society and transform institutions simultaneously, but this power is only realized when information is effectively communicated to the public. To this end, our Newsroom engagement for Journalists with PHC data became a vital component of our strategy to improve the reportage of developmental news.

Throughout the year, we supported community journalists in reporting on the status of their primary health centers and the specific funds appropriated for the rehabilitation of health systems in their jurisdictions. This support was critical in tackling large-scale institutional problems like fiscal irresponsibility and poor service delivery. By integrating journalists into our data collection processes—including the 16-state data collection initiative—we ensured that the media had direct access to inclusive and rich data.

Our media support strategy went beyond simple data sharing; it involved deep-seated training on how to use data science and technology to bolster health systems and foster media innovation. This approach empowered journalists to go beyond surface-level reporting, allowing them to produce stories that trigger real outcomes and hold institutions accountable. By providing the media with the tools to navigate complex fiscal and health data, we are fostering a more informed citizenry and ensuring that data is used to change lives and rebuild communities.





Key Activity Healthcare Hackathon

To maximize the impact of our field research, Orodata Science transitioned from data collection to active data democratization. We hosted a targeted Healthcare Hackathon, leveraging the Comprehensive Knowledge Archive Network (CKAN) portal to open up the foundational datasets gathered during Phases 1 and 2 of the CheckMyPHC project.

The objective was to catalyze the development of data-driven solutions capable of solving localized public health challenges. To enrich the ecosystem and encourage multifaceted problem-solving, we also provided participants with cross-referenced supporting datasets from the World Bank. By doing so, we aimed to stretch the boundaries of conventional data usage and lower the barrier to actionable civic tech innovation.

The hackathon attracted diverse talent from across Nigeria's tech and research ecosystems. Following a rigorous technical evaluation focused on scalability, data integrity, and direct community alignment, four finalists were selected. Each finalist demonstrated an exceptional ability to translate our raw PHC datasets into practical, high-impact tools.

On November 8, 2025, these finalists gathered for a live, physical demo and pitch session at The Colossus Hotel in Ikeja, Lagos. The event served as a collaborative hub matching innovative ideas with institutional support.





Key Activity: Newsroom Engagement Program

To address data gaps within Nigeria's health-information ecosystem, Orodata Science launched a targeted capacity-building initiative for the media. Historically, a lack of reliable, primary data has hindered reporting on public health. This project successfully bridged that gap by equipping journalists and newsrooms with verified ground-level data on the true condition of Primary Healthcare Centers (PHCs), with a special emphasis on hard-to-reach, underserved communities.

By providing media professionals with direct access to these insights, the initiative catalyzed more accurate, evidence-based reporting and significantly improved public and policy-level understanding of grassroots healthcare realities.

The program was executed over a comprehensive, high-impact framework designed to blend theoretical knowledge with practical storytelling application:

- **6-Week Virtual Academy:** Interactive online sessions focusing on data literacy, public health policy frameworks, and investigative journalism methodologies.
- **Physical Session:** Held on November 25, 2025, at the Four Points by Sheraton in Victoria Island, Lagos, this executive session served to consolidate lessons from the virtual classes, map emerging challenges currently faced by newsrooms, and evaluate the sustainability of data-driven health reporting.

The initiative successfully trained 25 premier journalists and editors representing 10 mainstream indigenous media organizations, ensuring diverse, nationwide editorial coverage:





Laying the Foundation for Civic Innovation

In 2025, Orodata Science significantly advanced its commitment to reinforcing health systems by prioritizing the deployment of innovative civic technology solutions and robust platform development.

Recognizing that data has the inherent power to transform institutions and improve society simultaneously, our efforts focused on building digital infrastructures that facilitate access to inclusive and rich data within the healthcare sector.

With combining data science, technology, and design, we have created platforms that empower institutions and individuals to tackle multi-dimensional challenges with evidence-based tools.

A cornerstone of our platform development strategy this year was the successful execution of the Hackathon with PHC data. This initiative served as more than just a competition; it was a strategic platform for novelty-driven explorations, allowing developers, data scientists, and health experts to collaborate on solutions that impact the lives of millions.

In providing a structured environment to interact with primary health care (PHC) data, we facilitated the creation of technological tools designed to bridge the gap between complex health datasets and actionable community insights.

This approach directly supports our vision of a data-literate world where technological innovation serves as a catalyst for emancipatory change and real outcomes.

Our focus on health tech extends to the continuous refinement of data-sharing platforms that strengthen institutional accountability. In parallel with our nationwide data collection exercises, we have been developing specialized dashboards and interfaces that allow governance actors and the public to monitor the status of primary health centers and the funds appropriated for their rehabilitation.

These platforms are designed to tackle large-scale problems such as poor service delivery and fiscal irresponsibility by making transparency a functional part of the health system's architecture.



In laying this technological groundwork, we are reinforcing our position as a trusted accountability partner and ensuring that data is utilized to rebuild communities and enable people to prosper.

Through these platform-driven initiatives, Orodata Science continues to empower people to forge sensible discoveries. Whether through supporting community journalists with digital tools to report on health systems or providing organizations with the infrastructure to manage inclusive data, our health tech strategy remains rooted in the belief that technology must be human-centered. As we look toward the remainder of the year, our focus remains on scaling these digital solutions to ensure that every primary health center in our target states is supported by a framework of data-driven transparency and technological excellence.



Roadmap for Ethical Use of AI in Media

Recognizing the rapid evolution of technology, Orodata Science prioritized AI framework governance as a key focus area for 2025. Our goal was to ensure that the deployment of innovative civic technology solutions is guided by transparency, strengthening institutional accountability, and a commitment to advancing fiscal transparency.

As we continue to refine our use of data and technology, the development of robust governance frameworks is essential to reinforcing our position as a trusted accountability partner.

The AI Governance Strengthening initiative focused on creating a roadmap for the ethical use of data science and technology in institutional reforms. We support explorations that improve the capacity of everyone to forge discoveries, but we also believe these explorations must be guided by principles that ensure accurate and inclusive data.

By establishing an AI framework, we are helping institutions tackle tomorrow's multi-dimensional challenges with a structured, data-literate approach.

This work involved strategic engagements with governance actors to ensure that AI and automated technologies are used to bolster health systems and facilitate access to information rather than creating new barriers. Our passion is about empowering people to forge discoveries that create real change, and we believe that strong AI governance is the bedrock upon which these discoveries can safely and effectively happen.

Through this framework, Orodata Science is laying the groundwork for greater impact in the months ahead, ensuring that technological progress always serves the vision of a more equitable and data-literate world.





AI Governance Framework

Nigeria has a National AI Strategy framework but this high-level document is barely acknowledged, adopted or implemented across organisations, this is due to the vague guidelines and ambiguity of the framework that actually is not bespoke to sectors. This prevents organisations from actually effectively governing AI or missing out on the benefits of AI.

In our bid to ensure the Media sector and interested parties stay afloat ethically amidst emerging Technologies, we brought together **AI experts, media professionals, ethicists, civil society** and Interested Parties to co-create a contextual sector-based AI governance framework for Newsrooms in Nigeria. This was achieved through a workshop with focused group discussions. Different Newsrooms came together to brainstorm on AI Governance and how it should apply to the work they do.

We organised a multi-stakeholder AI Governance Roundtable Hybrid event in Nigeria with local newsroom editors, investigative journalists, AI researchers, and legal experts on the 1st of December 2025 at 4Points Hotels by Sheraton at Victoria Island, Lagos State.

Newsrooms Nominated AI Governance champions to attend the workshop and lead these conversations in their respective Newsrooms. We have created a whatsapp Group for these champions, to coordinate post workshop Activities.







Media and Online Publications

The true impact of the Frontline Investigative Program materialized as our field data and grassroots insights were translated into mainstream media narratives. To ensure the findings reached critical stakeholders and the broader public, Orodara Science strategically collaborated with leading national and online news platforms. By transforming granular data on primary healthcare centers into high-impact, investigative features, our media partners served as powerful megaphones, amplifying stories of institutional neglect and fiscal misallocation that are too often buried in bureaucracy.

This coordinated publication strategy went far beyond traditional reporting. Online articles, interactive data visualizations, and investigative deep-dives generated sustained digital engagement, transforming localized healthcare challenges into a national conversation on accountability. By dominating digital and print spaces, these publications provided the proof necessary to back public advocacy, forcing policy conversations, and ensuring that the realities captured by our data collectors and journalists could neither be ignored nor dismissed by governing authorities.

PrimeTime News

Left to Deliver in Darkness

Across Tudun Wada, Kano State, crumbling health facilities without water, electricity, or toilets are putting mothers, infants, and the sick at deadly risk—despite years of government health budget allocations.



NEWSLETTER

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Edo North's Rural Health: A Crisis of Neglect

★★★★★ 5/5 (3)

SAHARA REPORTERS

Award-Winning Failure Inside Anambra's Crumbling PHCs Where Health Workers Buy Supplies From Their Salaries Despite \$1.2 Million Prize

Liberalist

Feature | Health | Special Report

In Sokoto, Rural Dwellers Left Behind as Health Facilities Rot (II)

When The Liberalist visited the facility in March this year, the staff quarters were in a state of total abandonment and disrepair, reflecting the broader neglect that plagues the facility.

Shereefdeen Ahmad May 28, 2025



The Empty Promise: How dilapidated clinics and absent doctors condemn Abia's rural families

PRNigeria

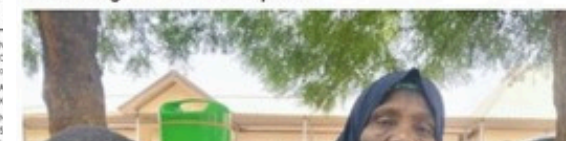
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SPECIAL REPORT: Dying for Care: How Neglect of FCT PHCs is Failing Mothers, Babies

By Kabir Akibakalam May 27, 2025

THE WHISTLER

Shifting The Burden: How Sokoto's PHC Shortcomings Strain Higher-Level Hospitals



How Cross River's Waterless Clinics Condemn Mothers And Babies To Preventable Diseases, Deaths

Liberalist

Feature | Health | Special Report

How PHC Neglect Condemns Rural Communities to Death

According to the National Primary Healthcare Development Agency (NPHCDA), PHCs are expected to offer 24-hour services, be fenced, and have staff quarters or accommodation for the workers within the community.

RipplesNigeria

SPECIAL REPORT: No staff, no drugs, no ambulance: Inside Abuja's failing rural health centres



Dying for Want: How Equipment Shortages Turn Abuja PHCs into Danger Zones

The Crest

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The Empty Promise: How dilapidated clinics and absent doctors condemn Abia's rural families

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Award-Winning Failure: Inside Anambra's Crumbling PHCs Where Health Workers Buy

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Basic Health Clinic, Gana-Gagi: A Community's Desperate Cry for Help

★★★★★ 5/5 (3)

Liberalist

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In Sokoto, Rural Dwellers Left Behind as Health Facilities Rot (II)

When The Liberalist visited the facility in March this year, the staff quarters were in a state of total abandonment and disrepair, reflecting the broader neglect that plagues the facility.

Shereefdeen Ahmad May 28, 2025



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Locked at Midnight: How Edo North's Dark Clinics Put Life In Rural Areas in Danger

★★★★★ 5/5 (1)

Home > National > SPECIAL REPORT: Dying for Care: How Neglected Clinics Leave

SPECIAL REPORT: Dying for Care: How Neglected Clinics Leave FCT Villagers Helpless

By Kabir Akibakalam May 14, 2025



Liberalist

Feature | Health | Special Report

Nigeria: In Sokoto, Rural Dwellers Left Behind as Health Facilities Rot (I)



Online Community Townhall

Throughout the year, Orodata Science used its digital platforms to help everyday citizens understand complex policy issues. We hosted monthly **X Spaces** (formerly Twitter Spaces), turning our social media channel into an open town hall. These sessions focused on critical topics such as public health, government spending, climate change, and food security.

These interactive audio sessions brought together experts, policymakers, journalists, and citizens to share knowledge freely and encourage community participation.

By holding these regular, data-backed online discussions, Orodata Science successfully explained complicated laws and policies in simple terms that anyone could use. These X Spaces became an important tool for citizen empowerment, keeping public conversations active, clear, and focused on the country's most urgent issues.



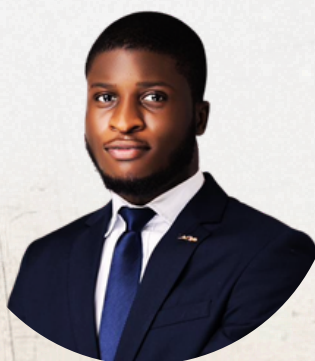
Emmanuel Obasi



Nwagbo Ifeanyi Anthony



Professor Lutz Mukke



Dr Habeeb Moshood



Taiwo Adegoke



Dr. Rita Ajirenike



Dr Famuyiwa Damilola Emmanuel



Isaac Adewuyi



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Esther Chioma Ajah



Bada Azeez Akinola



Archibong Akpan PhD



Raheem Adeleke



Anthony Olowokere



Abdullah Oladipupo FMVA



Omotosho Rebecca



Challenges

In 2025, Orodata Science faced complex operational challenges that tested its resilience while working to advance fiscal transparency and institutional accountability.

The most immediate internal pressure was significant staff turnover. This created temporary gaps in key data science and research roles, forcing the team to quickly redistribute tasks and adjust program timelines.

This transition highlighted the urgent need for stronger internal capacity-building and knowledge-transfer frameworks. Addressing these gaps ensured that the organization's core projects—such as reinforcing health systems and supporting community media—could continue without losing momentum.

Given that Orodata Science expanded its data collection to 16 states (including 10 new ones) and focused heavily on hard-to-reach rural Primary Healthcare Centers (PHCs), you likely encountered these common sector-specific hurdles:

- **Insecurity and Geographic Accessibility:** Navigating volatile or remote regions in Nigeria creates major logistical hurdles, delays data collection timelines, and raises safety concerns for field researchers.

- **Data Resistance from Local Officials:** Field teams often face bureaucracy or outright resistance from local healthcare administrators who are hesitant to expose facility shortages or reveal how rehabilitation funds were used.

- **Infrastructure and Connectivity Gaps:** Uploading real-time field data from rural communities is frequently disrupted by poor internet connectivity and unreliable power grids, forcing a reliance on offline tracking tools.

Despite these multi-dimensional challenges, the passion of Orodata Science remains undiminished. We believe that data has the power to transform institutions and improve society simultaneously, even in the face of adversity.

By strengthening our internal structures and addressing these operational gaps, we are laying a more resilient groundwork for greater impact in the latter half of 2025.

Our goal remains unchanged: to foster a data-literate world where people and institutions tackle today's challenges with evidence and integrity, ultimately rebuilding communities and enabling people to prosper





Looking Ahead

While the progress achieved in 2025 has been transformative, Orodata Science has also encountered several operational hurdles that required strategic resilience and adaptation.

Throughout this period, internal staff turnover created temporary gaps in specialized roles, necessitating a rapid adjustment of internal workloads and program timelines to maintain our high standard of institutional accountability.

Our efforts toward fostering media innovation and reinforcing health systems were occasionally met with external challenges, including bureaucratic bottlenecks that slowed the data collection, frontline investigation programs and the conclusion of projects.

Despite these constraints, Orodata Science remains deeply committed to its mission of empowering people and institutions with the knowledge to develop impactful solutions.

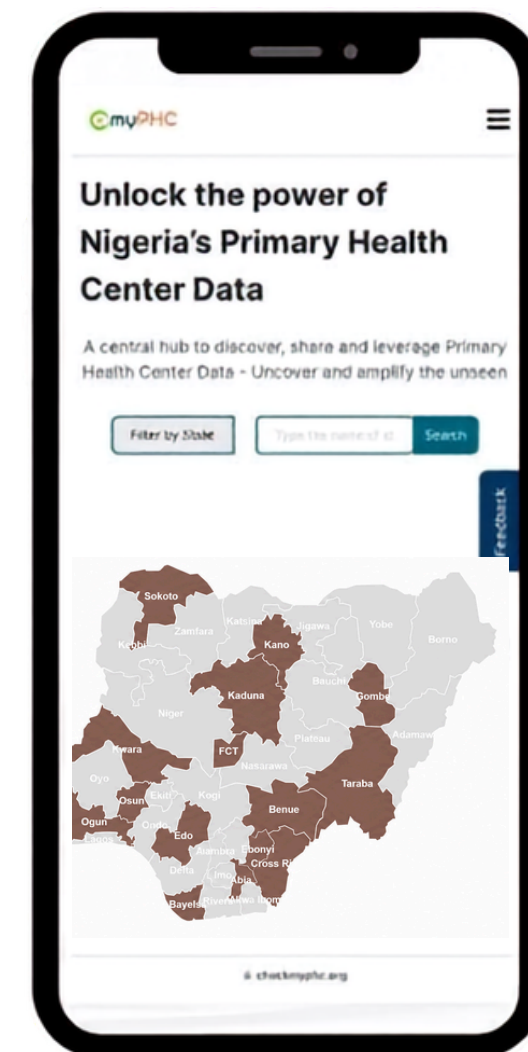
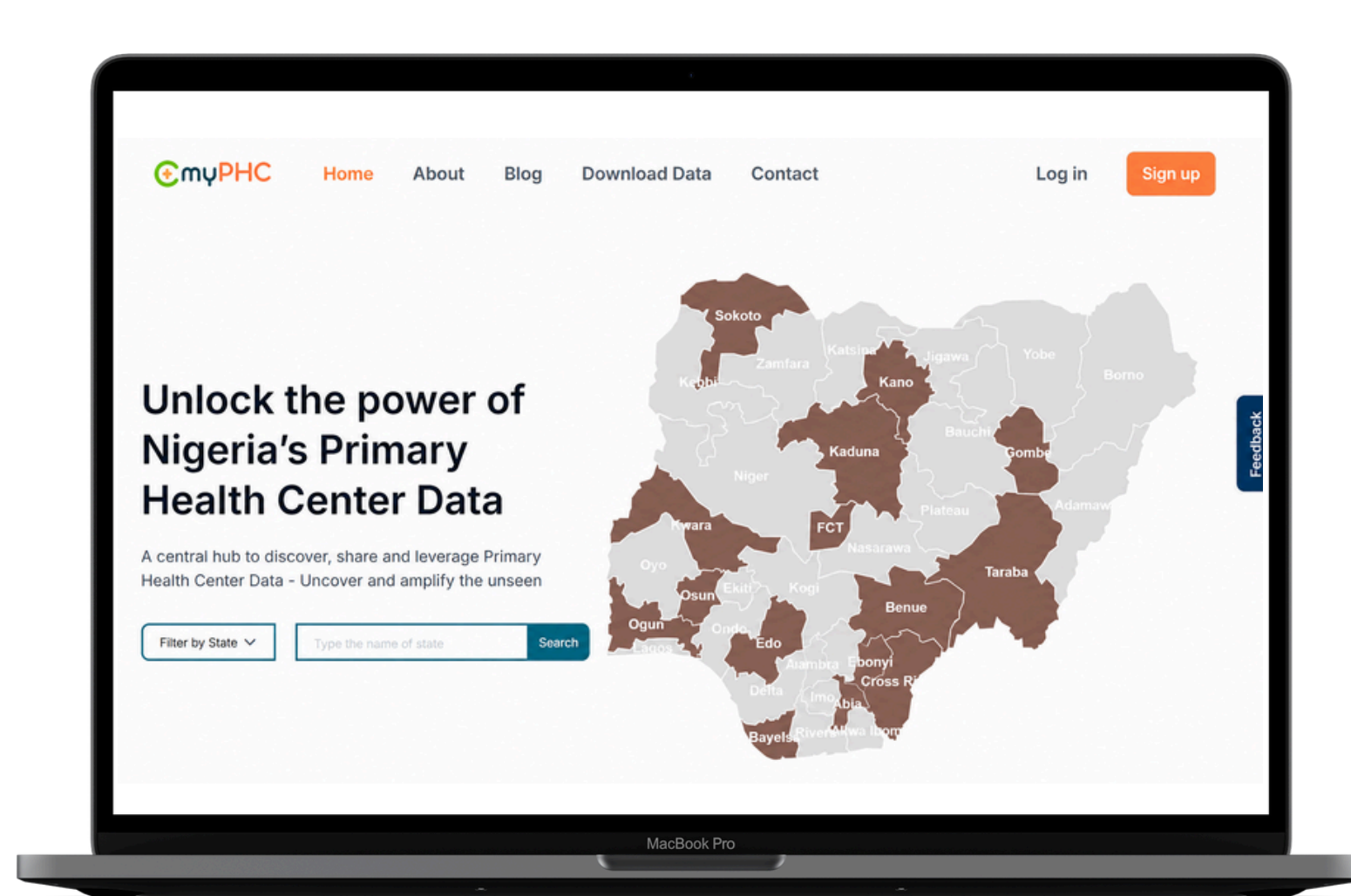
We are utilizing these experiences to refine our internal frameworks and strengthen our use of data and technology, ensuring that these challenges serve as the groundwork for greater impact in the months ahead. Moving forward,

We remain dedicated to our vision of a data-literate world where accurate and inclusive data continues to be the primary tool for rebuilding communities and enabling people to prosper.



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