CLIMATE FOR AFRICA (CFA)

Pilot Program
12-Month Program (Initial 90-Day Pilot Phase)

Region (MVP): Nigeria (pilot communities selected with implementing partners)
Initial focus states: Kano, Kaduna, Zamfara, Katsina, Bauchi, Gombe
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EXECUTIVE SUMMARY

Climate for Africa (CFA) is a community-driven platform that turns local reports into structured, verified, privacy-respecting evidence, so partners can prioritize response, coordinate action, and report outcomes credibly.

This program is a 12-month partnership with an initial 90-day pilot phase. The pilot is designed to validate three essentials before scaling:

1. Consistency: Communities report hazards consistently.
2. Integrity: Verification produces a reliable signal.
3. Coordination: Partners can coordinate response with measurable service targets.

*Note: CFA is **not an emergency response system**. We focus on evidence, verification, and coordination for non-emergency hazards (starting with waste and drainage risks).*

PILOT AT A GLANCE (1-PAGE DECISION READ)

Category	What it is	What we will produce
Duration	12 months total	Repeatable partner-owned operating model + playbooks
Pilot phase	First 90 days	Validated workflow + baseline metrics + pilot evaluation summary
Focus issues	Waste & litter; Drainage & flood risk	Verified reports with photo evidence + hotspot insights
Trust model	Community verification threshold: 2	Higher signal-to-noise for partners
Privacy stance	Minimal data; anonymous reporting	Safer participation and stronger adoption
Reporting	Weekly ops snapshot + Monthly review	Donor-ready reporting artifacts and transparent learnings
Partner value	Prioritization & accountability	Exports/dashboards, response logs, and scale blueprint

WHY THIS PROGRAM, WHY NOW

- Climate volatility + urban growth are turning "routine" drainage and waste issues into cascading flood and public health risks.
- Communities already see the issues first, but they lack a trusted channel that turns local truth into coordinated response.
- Partners need evidence they can defend: verified, time-stamped, location-based records with before/after documentation.

DESIGNED FOR MOBILE-FIRST, LOW-BANDWIDTH CONTEXTS WITH PRIVACY-BY-DESIGN.

Primary Partners

- Community-based organizations (CBOs)
- Local NGOs (environment, health, WASH, resilience)
- Resident associations / community champions

Secondary Partners

- Municipal sanitation and drainage units
- Private waste operators / contractors
- Local media and advocacy organizations

Minimum Partner Readiness (Lightweight)

- 1 named focal person
- Champions/verifiers for onboarding (recommended 5–15, depending on pilot size)
- A clear response pathway (municipal, contractor, NGO ops, and/or community action)
- A weekly coordination touchpoint (30–60 minutes)

PROGRAM STRUCTURE

The 12-Month Program (Overview)

Builds partner capacity and community adoption while producing repeatable playbooks and donor-ready reporting.

The First 90 Days (Pilot Phase)

The pilot phase is the proof window to validate:

1. Adoption: Communities can report issues consistently.
2. Integrity: Community verification produces trusted data.
3. Coordination: Partners can triage, respond, and close the loop with measurable service targets.

THEORY OF CHANGE

IF COMMUNITIES CAN REPORT HAZARDS SAFELY, AND INDEPENDENT LOCAL VERIFIERS CONFIRM THEM, PARTNERS CAN PRIORITIZE RESPONSE AND IMPROVE ACCOUNTABILITY.

Inputs → Activities → Outputs → Outcomes

- Inputs: Champions, partner response pathways, CFA platform, minimal support (training/data/devices).
- Activities: Reporting, verification, triage, response coordination, outcome logging.
- Outputs: Verified reports, hotspot insights, exports/dashboards, reporting packs.
- Outcomes: Faster and more consistent response, fewer repeat hotspots, stronger trust.

HOW CLIMATE FOR AFRICA WORKS (WORKFLOW)

1) Report (Community)
A resident submits: photo evidence, location, category (waste or drainage), and a short note.

2) Verify (Community)
Nearby community members verify what they see.

- Verification threshold: 2 independent verifications.
- Anti-self-verification: The system blocks verifying your own report.
- Duplicate protections: Limits repeated verification from the same verifier.

3) Coordinate Response (Partners)

Partners see verified issues and run a simple workflow:

- Triage: What's urgent, what's feasible.
- Assign: Who responds.
- Track: Status updates.
- Close the loop: Before/after evidence when possible.

4) Learn and Improve (Monthly)

Monthly learning review focuses on: verification quality, response bottlenecks, and playbook improvements.

SCOPE (PILOT PHASE)

Target Geography

- Region: Nigeria (urban + peri-urban candidates).
- Focus States: Kano, Kaduna, Zamfara, Katsina, Bauchi, Gombe.

Issue Categories (Phase 1)

- Waste & Litter: Illegal dumping, refuse accumulation, market waste.
- Drainage & Flood Risk: Blocked drains, water pooling, flood-prone points.

Phase 2 (Post-Pilot Expansion)

- Urban heat

- Water quality

- Air/smoke

90-DAY PILOT PHASE PLAN (WEEK-BY-WEEK)

Weeks 1–2: Onboard & Launch

- Confirm scope, categories, safeguarding, and escalation path.

- Train champions/verifiers and partner focal points.

- Launch lightweight community activation.

- Deliverables: Pilot scope brief, Onboarding toolkit, Baseline notes.

Weeks 3–6: Operate & Stabilize

- Run weekly triage clinic (partner + champions).

- Spot-check verification quality.

- Standardize response logging.

- Deliverables: Weekly snapshot reports, Early hotspot map.

Weeks 7–10: Optimize & Strengthen Response

- Improve onboarding based on early friction.

- Refine triage rules (urgency, severity, feasibility).
- Produce partner playbooks (handoff, escalation ladder).
- Deliverables: Updated operating playbook, Response pathway diagram.

Weeks 11–13: Evaluate & Publish

- Analyze adoption, integrity, and coordination outcomes.
- Publish pilot evaluation summary and recommendations.
- Agree scale plan for months 4–12.
- Deliverables: Pilot Evaluation Summary, Scale blueprint.

PARTNER PATHWAYS (CHOOSE YOUR ROLE)

1) Implementing Partner (NGO/CBO)

- You provide: Community access, onboarding coordination, weekly triage participation.
- You get: Verified evidence stream, hotspot insights, exportable logs.
- TIME COMMITMENT: 1 focal person (2–4 hrs/week) + champions (1–2 hrs/week).

2) Response Partner (Municipal/Contractor)

- You provide: Response attempts and outcome logging.
- You get: Prioritized verified issues, clearer targeting, accountability.
- TIME COMMITMENT: 1 response focal person (1–3 hrs/week).

3) Fund/Scale Partner (Sponsor)

- You provide: Resources for onboarding, devices/data support, MEL.
- You get: Transparent KPIs, periodic reporting, measurable outcomes.

ROLES & RESPONSIBILITIES (RACI)

Workstream	Community	Implementing Partner	Response Partner	CFA Team
Community Onboarding	R	A	C	C
Reporting	R	C	I	C
Verification	R	C	I	C
Weekly Triage	C	A	A	C
Response Execution	I	C	R/A	I
Outcome Logging	C	C	A	C
Monthly Learning Review	C	A	C	A

LEGEND: R=RESPONSIBLE, A=ACCOUNTABLE, C=CONSULTED, I=INFORMED

SUCCESS METRICS

TARGETS ARE REFINED WITH PARTNERS DURING WEEKS 1–2.

Metric	Definition	Initial Target (Pilot)	Cadence
Reports submitted	Total reports created	25–150/week	Weekly
Verification rate	% reports reaching verified status	30–70%	Weekly

Time to verified	Median time from report → verified	< 24–72h	Weekly
Response initiation	% verified issues with response attempt	40–80%	Weekly
Time to response	Median time verified → response attempt	< 72–168h	Weekly
Resolution rate	% issues marked resolved	Partner-defined	Monthly
Repeat hotspots	Change in repeated incidents	Downward trend	Monthly
Trust pulse	Simple pulse survey score	Improve over baseline	Monthly

REPORTING CADENCE & ARTIFACTS

Weekly (Ops)
- 1-page Weekly Snapshot: Reports, verified status, response attempts, top hotspots, blockers.

Monthly (Learning)
- Monthly Learning Review Pack: KPIs, verification quality check, response bottlenecks, playbook updates.

End of Pilot (Day ~90)
- Pilot Evaluation Summary: Results vs. targets, redesign recommendations, resource plan for months 4–12.

DATA GOVERNANCE & SAFEGUARDING

Privacy & Trust

- Anonymous Reporting: Supported via local session identifier (no device fingerprinting).
- Photo Privacy: Photos processed to remove EXIF metadata (location/device info) prior to upload.
- No Surveillance: We do not optimize for surveillance or vanity metrics.

Community Safety

- Guidance: Clear "safe-reporting" instructions (e.g., do not photograph faces/IDs).
- Conflict Avoidance: "Do-not-confront" policy; report from a safe distance.
- Escalation: Defined pathways for sensitive reports or harassment.

RISKS & MITIGATIONS

Risk	Early Warning	Mitigation
Low adoption	Few reports week-to-week	Champion-led onboarding; simplify steps.
Low integrity	High dispute rate; low verified %	Training; spot-check audits; tighten guidance.
Partner non-response	Verified issues stuck	Escalation ladder; weekly triage; define SLAs.
Safety concerns	Fear of reporting	Anonymous flows; privacy-by-design.
Spam / Misinfo	Repeated misleading reports	Verification threshold; deduplication.

BUDGET FRAMEWORK

ACTUAL FIGURES DEPEND ON PILOT SIZE AND PARTNER SETUP.
- Community onboarding (training, materials)

- Champion stipends / coordination support

- Device/data support (where needed)

- Rapid response micro-support (optional)
- Monitoring, evaluation, and learning (MEL)

HOW TO JOIN THE PILOT

1. Identify a pilot community area and a focal person.
2. Choose your partner pathway (Implementing / Response / Fund).
3. Agree on success metrics and reporting cadence.
4. Launch onboarding within 2–4 weeks.

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APPENDICES

Appendix A: Suggested Training Agenda (1-Day)

- 30 min: Why verification matters (trust and fairness)
- 45 min: Reporting quality (photos, notes, safety)
- 45 min: Verification practice and ethics
- 45 min: Triage clinic simulation
- 30 min: Response logging and closure
- 15 min: Q&A and next steps

Appendix B: MOU Outline

- Pilot scope (communities, timeline, categories)
- Roles and responsibilities
- Data governance and privacy commitments
- Reporting cadence and artifacts
- Safeguarding and escalation
- Dispute resolution and exit terms

Appendix C: FAQ (Starter)

Q: Does Climate for Africa guarantee resolution?
A: No. CFA strengthens evidence and coordination, but resolution depends on partner capacity and community action.

Q: How do you prevent false reports?
A: Reports are prioritized after community verification (2 independent verifiers), with anti-self-verification and deduplication.

Q: Can people report anonymously?
A: Yes—anonymous reporting is supported without device fingerprinting.