

BRIEFING REPORT TO THE SELECT COMMITTEE ON EDUCATION, VOCATIONAL TRAINING, AND ICT

SUBJECT: COMPREHENSIVE REPORT ON HUMAN CAPITAL ALIGNMENT AND THE EVOLUTION OF COUNTY ICT INFRASTRUCTURE (2013 – DATE)

PRESENTER: CHIEF OFFICER, PUBLIC SERVICE, PUBLIC PARTICIPATION, ICT AND DIGITAL GOVERNANCE

DATE: WEDNESDAY, 24TH JUNE, 2026

VENUE: COUNTY ASSEMBLY BOARDROOM

TITLE & OFFICIAL OPENING

- **Slide Title:** Strategic Transformation of Laikipia County's Digital Ecosystem
- **Presenter:** Chief Officer, County Administration, Coordination, ICT & Public Service
- **Session Mandate:** Official response to the County Assembly Select Committee invitation dated 16th June, 2026, to address personnel recruitment, technical designations, and the comprehensive progressive status of cross-departmental ICT infrastructure.

PRESENTATION AGENDA

1. **Response to Committee Inquiries (1 & 2):** Rationale, numbers, and designations of the recently recruited ICT Officers.
2. **Historical Infrastructure Trajectory (2013–2022):** Foundation, early LAN routing, and legacy systems.
3. **Modern Infrastructure Era (2022–Date):** Decentralization, multi-departmental automation, and broadband penetration.
4. **Current Projects (June 2026 Focus):** Road network installations, unified web architecture, and capacity metrics.
5. **FY 2026/2027 Budgetary & Policy Alignment:** Sustainability models and structural prayers to the Committee.

RESPONDING TO MATTER 1 & 2: HUMAN CAPITAL REALIGNMENT

- **The Recruitment Imperative:** To drive automation across all public service sectors, the department addressed a critical technical deficit by onboarding qualified personnel to eliminate multi-vendor dependencies.
- **Advert and Compliance Framework:** The vacancies were declared, institutionalized, and publicized transparently in compliance with the County Public Service Board regulations.
- **Designations and Deployments:**
 - **ICT Officers (System Administrators & Network Engineers):** Tasked with core server configurations, cybersecurity enforcement, and central data management.
 - **Assistant ICT Officers (Decentralized Support):** Stationed across sub-county offices to handle frontline technical issues and maintain network health.
 - **Note:** The full listing of names, verified credentials, and public advertisements are attached to this report as Appendix I.

THE HISTORICAL TRAJECTORY: RECONSTRUCTING ICT FOUNDATIONS (2013–2017)

- **The Baseline (2013):** At the onset of devolution, Laikipia County inherited highly fragmented, standalone desktop setups with zero centralized networking and minimal internet footprint.
- **Phase 1 Interventions:**
 - Initiated basic Local Area Networks (LAN) within major hub offices.
 - Migrated manual financial recording over to early components of the Integrated Financial Management Information System (IFMIS).
 - Established basic institutional email communication frameworks.
- **Limitations:** High downtime, zero interconnectivity between distant sub-counties.

EXPANSION AND STANDARDIZATION (2018–2022)

- **Institutional Interconnectivity:** Standardized structured cabling networks across core administrative offices in Nanyuki, Nyahururu, and Rumuruti.
- **Revenue Automation:** Deployed early-stage revenue collection systems to plug leakages and optimize local revenue mobilization.
- **Hardware Standardization:** Enforced strict minimum technical specifications for all computer hardware and networking components across all county entities to reduce technological obsolescence.
- **The Paradigm Shift:** Transitioned the ICT unit from a basic "repair unit" to a strategic governance directorate supporting cross-departmental performance indicators.

THE MODERN ERA (2022–DATE): MULTI-DEPARTMENTAL AUTOMATION

The Department has systematically revamped its digital capabilities to provide distinct structural improvements across all ministries:

- **Health Sector:** Supported the deployment of Hospital Management Information Systems (HMIS) to track pharmaceutical inventories and patient medical records.
- **Agriculture & Livestock:** Integrated data collection frameworks to monitor agricultural subsidies, weather metrics, and extension officer reporting.
- **Finance & Economic Planning:** Upgraded localized revenue nodes, ensuring real-time payment reconciliation and transparent point-of-sale tracking.
- **Project Monitoring:** Deployed dedicated systems to monitor capital projects funded by international partners, including the World Bank-backed FLLoCA program.

CURRENT INFRASTRUCTURE LANDSCAPE (JUNE 2026 FOCUS)

Our ongoing technical deployments focus heavily on decentralizing access and strengthening high-capacity connectivity:

Department / Project	Specific Location	Impact & Capacity Metrics
Department of Roads, Public Works, Lands & Energy	Nanyuki, Nyahururu, and Rumuruti offices	Structured cabling and high-speed localized internet deployment supporting over 120 concurrent users .

Unified Web Infrastructure	new.laikipia.go.ke	System upgrades, migration of public portals, and cloud hosting restructuring.
Grievance Redress & Social Safeguards	Countywide Operations	Implementation of active feedback channels to monitor programs under KDSP II.

CONNECTIVITY STATUS & PERCENTAGE OF COVERAGE (MATTER 3)

- **Overall Institutional Coverage:** Active high-speed intranet and WAN connectivity currently link approximately 80 % of all county administrative offices and sub-county revenue desks.
- **System Implementation Rate:** Automation of core internal processes (approvals, transport logistics, and human resource tracking) stands at 40 % optimization.
- **Capacity Building:** Utilizing insights from rigorous regional benchmarking, such as the May 2026 ICT study tour to Murang'a County to refine network topologies, eliminate dead zones, and improve data redundancy.

RECURRENT CHALLENGES & MITIGATION STRATEGIES

- **Bandwidth and Storage Scaling:** Expanding operations require a corresponding increase in recurrent funding to maintain secure cloud environments and higher bandwidth.
- **Last-Mile Rural Connectivity:** Connecting remote agricultural outposts and vocational training centers still faces significant geographic hurdles.
- **Rapid Skill Obsolescence:** Continuous adaptation requires structured, ongoing investments in certifications for our newly recruited team members.

FISCAL FORECAST & RECOMMENDATIONS (FY 2026/2027)

- **Budgetary Alignment:** As currently discussed with the County Assembly Committee leadership, a dedicated budget allocation is necessary to safeguard our digital assets.
- **Strategic Intentions:**
 - Funding the transition of all vocational training centers into digital hubs.
 - Scaling server memory capacities to handle increased data traffic.
 - Securing comprehensive cybersecurity licenses to prevent unauthorized network entry.

CONCLUSION & SUBMISSION OF DOCUMENTS

Strategic Focus: Human capital and physical infrastructure must grow at the same pace. By deploying specialized ICT Officers alongside high-speed internet, we ensure that county systems remain online, secure, and accessible to our citizens.

- **Documents formally submitted to the Committee today:**
 1. Full recruitment registries, job designations, and original vacancy advertisements.
 2. Detailed Bills of Quantities (BoQs) for ongoing network installations.

PLENARY / QUESTIONS AND ANSWERS

- The Floor is open to the Honorable Chairman and Committee Members for inquiries and guidance.