

ISACA 2024



Mandate

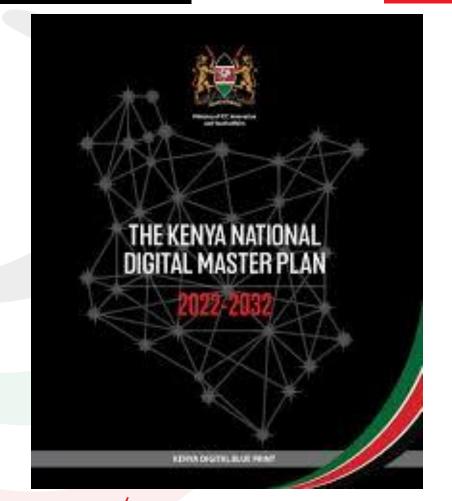


- Digital Skilling
- Digital Infrastructure, Egov & Cyber security
- Partnership, innovation and Capacity
- Programs standards and knowledge Management





ICT Authority 4/10/2024





Kenya National Digital Masterplan

I(enya (·) | 4/10/2024 |

Digital Superhighway Initial Roadmap



Scope (Phase)

> Year 2 (17,240km) 8,240km of OFC (GOK) 5.141 km of OFC 9.000km (Private) (GOK)

- 9.000 MCDA Offices. 3.250 Health Facilities **Project Preparation**
 - 400 Police Station

 - 1.6M homes

Year 3 (22,397 Km) 9,397km OFC (GOK) 13,000KM (Private)

- 8.000 school
- 6,500 Health Centers
- 4.500 MCDA Offices
- 2.3M homes

Year 4 (27,475 Km) 14,475km(GOK) 13.000Km (Private)

Year 5 (27,747 Km) 14,747 (GOK) 13,000Km(Private Sector)

- 3.280 MCDA Offices
- 3,250 Health Facilities
- 12.000 school
- 2.3M homes

- 1244 MCDA Offices
 - 20.000 school
- 2.3m Homes

FY 2022-23 5.141k

Connect 1.976 MCDA

FY 2023-24 22,381km

FY2024-25 44,778km FY2025-26 74,331km

FY2026-27 100,000k

m

Offices.

- Digital Superhighway project targets to connect 74,000 institutions (Post offices, TVETS & Universities, schools, health facilities, Gok offices and Police Stations).
- To connect 8.5 Million homes/ business across the country against the current 1.2M
- Increase Internet Penetration from 33% in 2022/2023 to 65% in 2027
- Increase the number of ISPs from less than 50 active ISPs to over 200 by 2027

Current Roadmap



Scope (Phase)

Year 2023 5,141 km of OFC (GOK)

- Completed
- 1,370 Public WiFi done

Year 2024

- 30.000 Institutions.
- 8,000 Public WIFI Spots
- 1 M homes
- 5,900 kms Overhead -KPLC

Year 2025

- 30,000 Institutions.
- 8,000 Public WIFI Spots
- 3.5M homes
- 5,900 km Overhead -KPLC

Year 2026

- 14,000 Institutions.
- 8,000 Public WIFI Spots
- 4 M homes
- 5,900 km Overhead -KPLC

- > Engagement with private sector for the realisation of the 8.5M homes & 100,00 institutions
- ➤ The engagement includes the mapping of all the 100,000 institutions to public infrastructure
- > Cybersecurity attack surface bound to increase with the upcoming infrastructure
- ➤ There is need for more concerted efforts from both private and public sector to get involved the the protection of this public infrastructure.

Public Wifi Roadmap



Total 24,426 sites

Yr 2025 9,900 sites

4,500 – USF Ph2

2,000 – KDEAP

400 – CCP

2,000 – ICTA

1,000 - ISPs

11,200 sites

Yr 2026

2,500 - KDEAP

200 – CCP

4,500 – USF Ph3

2,500 – ICTA

1,500 - ISPs

1,000 – ISPs 326 – USF Ph1 2,000 - ICTA

Yr 2024

3,326 sites

Total mapped sites – 15,426

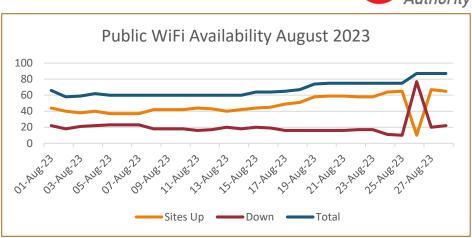
Public WiFi Stats

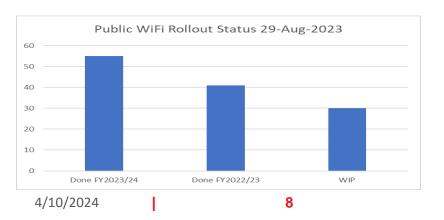
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- > 71,269 new users last one month
- 123,252 return clients last one month
- Total users last month 194,521
- 15TB data uploaded last one month.
- > 108TB downloaded last one month
- 41,112 average users connecting daily
- Approx avg 350 users in counties per site
- Approx Avg 900 users Nairobi per site
- Muthurwa, City and Kenyatta highest traffic

Total sites rolled out as at 29th Aug-2023 = 96

Budget/Funding a major concern to the l(enya () achievement of the targets





Gkonnect Preamble



The project anchored on Kenya National Digital Masterplan 2022- 2032, the National ICT Policy (2020) and the Digital Economy Blueprint (2019).

To provide access to digital services and opportunities to citizens through establishment of the necessary connectivity infrastructure.

Promote access to Government services as well as spur the digital economy by enabling easy access to e-services.

1,370 Gkonnect WIFI deployed across the country (Over 3,000 by private sector) in public places

Help reduce the cost of internet and broadband for the citizens of Kenya

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Emergency
Response Unit
(CIPU)

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THE END

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