

AI-Powered Malaria Test Readers Strengthen DR Congo's National Malaria Control Programme

AI in the Public Sector · Good practice · Congo (the Democratic Republic of the)

Quality score: 73/100

Evidence strength: Observational / pre–post

Summary

DR Congo's malaria programme (PNLP) uses Fio's 'Deki Reader' devices, applying computer-vision analysis to read malaria rapid diagnostic tests; a peer-reviewed 2022 evaluation across 144 facilities in 3 provinces found workers had over-reported positives vs. the AI-read result.

Key dimensions

Dimension	Score
Evidence of impact / measured public value	3/3
Transparency, fairness & accountability	2/3
Transferability / demonstrated replication	2/3
Scalability beyond pilot	2/3
Governance, capability & sustainability	2/3

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-07-30

[Programme National de Lutte contre le Paludisme \(PNLP\), DRC Ministry of Health, with Chemonics International and Fio Corporation](#) — accessed 2026-07-30

[Peer-reviewed evaluation \(PMC\)](#) — accessed 2026-07-30

[Ivanhoe Mines / Fio Corporation / Chemonics partnership announcement](#) — accessed 2026-07-30

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