

AI-Enabled Camera Traps — Gabon's ANPN Real-Time Elephant and Anti-Poaching Alert Network

AI in the Public Sector · Good practice · Gabon

Quality score: 53/100

Evidence strength: Observational / pre–post

Summary

Gabon's parks agency ANPN pilots solar-powered, satellite-linked camera traps running on-device AI to detect elephants and alert rangers in real time. A peer-reviewed 72-day trial (5 units) recorded 82% detection accuracy, though nationwide deployment remains too costly.

Key dimensions

Dimension	Score
Evidence of impact / measured public value	2/3
Transparency, fairness & accountability	2/3
Transferability / demonstrated replication	2/3
Scalability beyond pilot	1/3
Governance, capability & sustainability	1/3

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-08-14

[Agence Nationale des Parcs Nationaux \(ANPN\)](#); [University of Stirling](#); [Hack the Planet](#); [Panthera](#); [Wildlife Conservation Society](#) — accessed 2026-08-14

[Digital Camera World](#) — accessed 2026-08-14

[PetaPixel](#) — accessed 2026-08-14

[Mongabay](#) — accessed 2026-08-14

[bioRxiv preprint \(Whytock et al.\)](#) — accessed 2026-08-14

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