

# 3S — Senegal's AI-Assisted One Health Platform Cuts Disease-Alert Time by 39%

AI in the Public Sector · Good practice · Senegal

Quality score: 53/100

Evidence strength: Moderate

### Summary

Senegal's Ministry of Health ran the 3S One Health platform — chatbot Taggât, alert system Jottali, dashboard Gëstu — in three pilot districts, issuing 330 zoonotic-disease alerts in 2025 and cutting detection time from 4.6 to 2.8 days, a peer-reviewed study found.

### Key dimensions

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

Evaluated by C-NAPSE

### Data sources

C-NAPSE web research — accessed 2026-09-06

Ministry of Health and Social Action, Vaccine Surveillance and Response Division (with AI4PEP) — accessed 2026-09-06

Frontiers in Tropical Diseases: AI-supported One Health surveillance for RVF early warning — accessed 2026-09-06

AI4PEP: Strengthening community-based epidemiological surveillance with AI in Senegal — accessed 2026-09-06

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