

Simandou 2040 STEM Teacher Training — Guinea's National Pilot for AI-Ready Science Educators in Conakry

AI in Education · Good practice · Guinea

Quality score: 27/100

Evidence strength: Cautionary / limited

Summary

Guinea's Ministry of National Education trained 190 STEM teachers from all 13 communes of Conakry — 40 in maths, 50 each in physics, chemistry and biology — in an 8-day pilot pairing lab work with digital and AI tools, under the 'Simandou 2040' human-capital strategy.

Key dimensions

Dimension	Score
Evidence of learning impact	1/3
Equity & inclusion	0/3
Transparency, ethics & data protection	0/3
Teacher capability & pedagogy	2/3
Scalability & sustainability	1/3

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-08-24

[Guinean Ministry of National Education, Literacy, Technical Education and Professional Training](#) — accessed 2026-08-24

[Guineematin](#) — accessed 2026-08-24

[Guinée360](#) — accessed 2026-08-24

[Ecofin Agency](#) — accessed 2026-08-24

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