

Giga's AI Satellite Mapping Reaches Every School in São Tomé and Príncipe

AI in Education · Good practice · Sao Tome and Principe

Quality score: 40/100

Evidence strength: Moderate

Summary

Giga, the UNICEF–ITU school-connectivity initiative, used AI models trained on satellite imagery to map and validate 100% of basic and secondary schools in São Tomé and Príncipe, giving the Ministry of Education a complete, low-cost dataset for connectivity planning.

Key dimensions

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

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-09-04

[Giga \(UNICEF–ITU\)](#) — accessed 2026-09-04

[IEEE Spectrum: Giga Is Using AI and Satellite Imagery to Map Schools](#) — accessed 2026-09-04

[Giga: High Five — Top 5 Connectivity Lessons Learned](#) — accessed 2026-09-04

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