

Sierra Leone's GIS-Supported Teacher Deployment Algorithm

AI in Education · Good practice · Sierra Leone

Quality score: 67/100

Evidence strength: Observational / pre–post

Summary

Sierra Leone's Teaching Service Commission, with EdTech Hub and Fab Inc., built a Nobel-inspired matching algorithm pairing teachers' preferences with school needs. In 2024/25, 56% of 2,000 new teacher posts went to the 10 most disadvantaged districts.

Key dimensions

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

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-07-06

[Teaching Service Commission of Sierra Leone / EdTech Hub / Learning Generation Initiative / Fab Inc.](#) — accessed 2026-07-06

[Global Partnership for Education: Sierra Leone — more efficient and equitable education financing](#) — accessed 2026-07-06

[Teacher Task Force: Enhancing teacher deployment in Sierra Leone using spatial analysis](#) — accessed 2026-07-06

[EdTech Hub: Getting teachers where they're needed most](#) — accessed 2026-07-06

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