

Smart White Cane — UNDP, Beno Holdings and RUB Co-Design an Ultrasonic Mobility Aid for Rwanda's Blind

Digital Inclusion · Good practice · Rwanda

Quality score: 52/100

Evidence strength: Moderate

Summary

UNDP's Rwanda Accelerator Lab partnered with the Rwanda Union of the Blind and local firm Beno Holdings to design and pilot 40 ultrasonic 'Smart White Canes' — GPS-enabled, obstacle-sensing mobility aids for the country's 50,000+ visually impaired citizens.

Key dimensions

Dimension	Score
Innovation level	3/5
Sustainability (ongoing)	0/1
Evaluation evidence	1/1
Demonstrated reach	1/1
Documented learning	0/1

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-08-27

[UNDP Rwanda Accelerator Lab / Rwanda Union of the Blind / Beno Holdings](#) — accessed 2026-08-27

[UNDP: Smart White Cane launch](#) — accessed 2026-08-27

[allAfrica: Smart White Canes Break New Ground for Rwanda's Visually Impaired](#) — accessed 2026-08-27

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