

TMB's NaviLens Labels — Barcelona's Network-Wide 'Talking Signs' for Blind and Low-Vision Bus and Metro Riders

Digital Inclusion · Good practice · Spain

Quality score: 56/100

Evidence strength: Moderate

Summary

After a February 2018 pilot, TMB became the first transport operator worldwide to deploy NaviLens colour-code labels network-wide: 9,800 labels (4,600 bus, 5,200 metro) and about 40,000 monthly reads in 2025 — usage data only, no outcome study.

Key dimensions

Dimension	Score
Innovation level	4/5
Sustainability (ongoing)	1/1
Evaluation evidence	0/1
Demonstrated reach	1/1
Documented learning	0/1

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-10-10

[Transports Metropolitans de Barcelona \(TMB\) with NaviLens](#) — accessed 2026-10-10

[TMB — guidance devices for blind people](#) — accessed 2026-10-10

[Catalan News, Aug 2025](#) — accessed 2026-10-10

[EU Accessible EU Centre](#) — accessed 2026-10-10

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