

CurieuzeNeuzen Vlaanderen — Belgium's 20,000-Point Citizen Science Air Quality Map

City Innovation Library · Good practice · Belgium

Quality score: 81/100

Evidence strength: Strong

Summary

In 2018, 20,000 Flemish households, schools and firms measured street-level NO₂ with passive tubes for a month, reaching 96% valid data and exposing hotspots above EU limits — a model since repeated in Antwerp and Brussels.

Key dimensions

Dimension	Score
Evidence of impact / measured results	3/3
Transferability / demonstrated replication	3/3
Scalability	2/3
Sustainability / continuity	2/3
Innovation	2/3
Inclusiveness / equity	2/3
Multi-stakeholder collaboration	3/3

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-09-08

[University of Antwerp / Flemish Environment Agency \(VMM\) / VITO / HIVA-KU Leuven / De Standaard](#) — accessed 2026-09-08

[IRCEL-CELINE / VMM project page](#) — accessed 2026-09-08

[Societal impact study \(ResearchGate\)](#) — accessed 2026-09-08

[EEB META coverage](#) — accessed 2026-09-08

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