

Montréal's Ruelles Vertes — Resident-Led Green Alleys Since 1995, With Modest Measured Cooling (Canada)

PES & Nature-Based Solutions · Good practice · Canada

Quality score: 33/100

Evidence strength: Cautionary / limited

Summary

Montréal's borough-run, resident-led green-alley programme (since 1995) supports more biodiversity than grey alleys, but a 53-alley study finds only modest, highly variable cooling and no consistent ecosystem-service gain.

Key dimensions

Dimension	Score
Carbon — sequestration / storage, evidenced	0/3
Biodiversity — conservation / improvement, evidenced	2/3
Water & soil — retention, infiltration, erosion control	1/3
Fire resilience — risk reduction, evidenced	0/3
Governance, certification & transferability	2/3

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-10-02

[City of Montréal boroughs / resident committees](#) — accessed 2026-10-02

[Richmond et al. 2026 preprint \(bioRxiv\)](#) — accessed 2026-10-02

[Concordia news release \(EurekAlert\)](#) — accessed 2026-10-02

[City of Montréal — ruelle bleue-verte](#) — accessed 2026-10-02

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