

Coole Straßen — Vienna's Temporary Street-Cooling Pilot Against Urban Heat Islands

PES & Nature-Based Solutions · Good practice · Austria

Quality score: 33/100

Evidence strength: Cautionary / limited

Summary

Vienna closed streets in its hottest districts to traffic and added mist showers, shade and depaving, cutting local air temperature by up to 5°C. After a 3-street 2019 pilot and 22-street 2020 rollout, the city kept 4 top-performing sites permanent based on resident survey data.

Key dimensions

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

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-09-26

[City of Vienna — Mobilitätsagentur Wien \(Vienna Mobility Agency\)](#) — accessed 2026-09-26

[City of Vienna press release, 19 May 2020](#) — accessed 2026-09-26

[Street Experiments \(SET\): Coole Straßen case study](#) — accessed 2026-09-26

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