

Corredores Verdes de Medellín — Green Corridors Cooling a Colombian City

PES & Nature-Based Solutions · Good practice · Colombia

Quality score: 33/100

Evidence strength: Observational / pre–post

Summary

Medellín's Green Corridors programme planted thousands of trees and shrubs along 30 roads and waterways from 2016, cutting monitored air temperatures by roughly 2°C (up to ~10°C at hotspots) before a 2020–2023 maintenance lapse and a 2024 revival to 56 corridors.

Key dimensions

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

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-09-21

[Alcaldía de Medellín \(Mayor's Office\)](#) — accessed 2026-09-21

[Ashden: Alcaldía de Medellín — growing a cooler city](#) — accessed 2026-09-21

[Reasons to be Cheerful: How a Colombian city cooled dramatically](#) — accessed 2026-09-21

[The Dirt \(ASLA\): Medellín's cooling green corridors](#) — accessed 2026-09-21

[El Colombiano: 56 Corredores Verdes en Medellín](#) — accessed 2026-09-21

Cite this — Evidoria. *Corredores Verdes de Medellín — Green Corridors Cooling a Colombian City*. Persistent ID: 7b4e0bf2-2b00-4f4b-b026-7a84eb26b505.