

Bogotá's Green Roofs, Vertical Gardens & Sustainable Urban Drainage (SUDS) Programme

PES & Nature-Based Solutions · Good practice · Colombia

Quality score: 40/100

Evidence strength: Moderate

Summary

Bogotá's Secretaría de Ambiente delivered 13,000 m² of green roofs and vertical gardens by mid-2018 (against a 20,000 m² by-2020 target), while the city's IDU built 237 SUDS typologies — including 215 bioretentive tree wells — on projects like Avenida 68.

Key dimensions

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

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-09-24

[Secretaría Distrital de Ambiente & Instituto de Desarrollo Urbano \(IDU\), Bogotá](#) — accessed 2026-09-24

[Secretaría de Ambiente de Bogotá — Techos verdes y jardines verticales](#) — accessed 2026-09-24

[IDU — Bogotá a la vanguardia en infraestructura verde](#) — accessed 2026-09-24

[C40 Cities — Bogotá green roofs and vertical gardens case study](#) — accessed 2026-09-24

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