

Rotterdam Green Roof Subsidy Programme — Avoided-Cost Stormwater Retention Payments

PES & Nature-Based Solutions · Good practice · Netherlands

Quality score: 40/100

Evidence strength: Observational / pre–post

Summary

Since 2008 Rotterdam has paid building owners up to €500 per m³ of stormwater retained by green roofs, an avoided-cost alternative to sewer upgrades; by 2018 the scheme had greened 360,000 m² of rooftops, working toward an 800,000 m² target by 2030.

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	3/3

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-08-01

[Gemeente Rotterdam \(City of Rotterdam\)](#) — accessed 2026-08-01

[Interlace Hub case study](#) — accessed 2026-08-01

[Fast Company: Inside Rotterdam's quest to green 10 million square feet of rooftops](#) — accessed 2026-08-01

Cite this — Evidoria. *Rotterdam Green Roof Subsidy Programme — Avoided-Cost Stormwater Retention Payments*. Persistent ID: c689a074-c054-41e2-83c3-c06abfc113af.