

# Benthemplein Water Square — Rotterdam's First Full-Scale Multifunctional Stormwater Plaza (Netherlands)

PES & Nature-Based Solutions · Good practice · Netherlands

Quality score: 27/100

Evidence strength: Cautionary / limited

## Summary

Rotterdam's 2013 water square stores ~1,700 m<sup>3</sup> of rainwater in three basins while serving as a sports and leisure space; cost ~€4.5M, but post-construction performance data is not published.

## Key dimensions

| Dimension                                               | Score |
|---------------------------------------------------------|-------|
| Carbon — sequestration / storage, evidenced             | 0/3   |
| Biodiversity — conservation / improvement, evidenced    | 0/3   |
| 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 2026-10-02

[Gemeente Rotterdam / De Urbanisten](#) — accessed 2026-10-02

[WEF Stormwater report](#) — accessed 2026-10-02

[De Urbanisten project page](#) — accessed 2026-10-02

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