

Hong Kong's Mandated & Government-Led Green Roof Programme

PES & Nature-Based Solutions · Good practice · Hong Kong

Quality score: 20/100

Evidence strength: Observational / pre–post

Summary

Hong Kong pairs government-building green roofs with a building-code mandate requiring 20–30% site greenery on large new developments; independent satellite mapping has since counted 545 green roofs citywide totalling roughly 208,000 square metres.

Key dimensions

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

Evaluated by C-NAPSE

Data sources

C-NAPSE web research — accessed 2026-08-07

Architectural Services Department & Development Bureau, Government of the Hong Kong SAR — accessed 2026-08-07

Hong Kong Government — LCQ22: Green roof projects (2015) — accessed 2026-08-07

Roofpedia: Automatic mapping of green and solar roofs for an open roofscape registry (arXiv preprint) — accessed 2026-08-07

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