

Operation Crayweed — Restoring Sydney's Lost Underwater Kelp Forests

PES & Nature-Based Solutions · Good practice · Australia

Quality score: 40/100

Evidence strength: Moderate

Summary

Since 2012, Operation Crayweed has hand-transplanted golden crayweed onto barren reefs at nine sites across 70km of Sydney's coastline; UNSW-led peer-reviewed monitoring found survival and reproduction rates matching natural populations, reviving a foundation species lost since t

Key dimensions

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

Evaluated by C-NAPSE

Data sources

C-NAPSE web research — accessed 2026-08-31

UNSW Sydney Centre for Marine Science and Innovation, with the NSW Department of Primary Industries — accessed 2026-08-31

UNSW Sydney: Operation Crayweed — Restoring Sydney's Underwater Forests — accessed 2026-08-31

NSW Government: Restoring Sydney's Lost Underwater Forests — accessed 2026-08-31

Cite this — Evidoria. *Operation Crayweed — Restoring Sydney's Lost Underwater Kelp Forests*. Persistent ID: 63288716-b792-4e10-b18b-e561711b0fa4.