

LIFE PonDerat — Black Rat Eradication on Inhabited Ventotene Island (Pontine Archipelago, Italy)

PES & Nature-Based Solutions · Good practice · Italy

Quality score: 40/100

Evidence strength: Moderate

Summary

EU LIFE project (2015–2022, €1.79M) eradicated black rats from inhabited Ventotene — among the largest inhabited islands ever freed of rats — cutting a €18,500/year cost to residents and lifting Scopoli's shearwater breeding success from ~10% to over 90%.

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 2026-07-16

[Regione Lazio – Direzione Ambiente / ISPRA / Ente Gestore AMP Isole di Ventotene e S. Stefano / NEMO / Sapienza Università di Roma](#) — accessed 2026-07-16

[Capizzi et al. 2024, Pest Management Science — Ventotene rat eradication](#) — accessed 2026-07-16

[LIFE PonDerat official EU project page](#) — accessed 2026-07-16

Cite this — Evidoria. *LIFE PonDerat — Black Rat Eradication on Inhabited Ventotene Island (Pontine Archipelago, Italy)*. Persistent ID: 495fb43e-1661-4ca5-a180-3e4f344e7a8d.