

National Eelgrass Restoration & Blue-Carbon Guidelines (Sweden)

PES & Nature-Based Solutions · Good practice · Sweden

Quality score: 53/100

Evidence strength: Observational / pre–post

Summary

Since the 1980s over 60% (~12,500 ha) of eelgrass has vanished from Sweden's west coast. University of Gothenburg's Zorro group, backed by a SEK 14m Formas grant, produced Sweden's restoration handbook and ran pilot replantings at Kälviä (~5 ha) and Malmö (8 ha).

Key dimensions

Dimension	Score
Carbon — sequestration / storage, evidenced	2/3
Biodiversity — conservation / improvement, evidenced	2/3
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 2026-08-02

University of Gothenburg (Zorro research group) with the Swedish Agency for Marine and Water Management — accessed 2026-08-02

University of Gothenburg — ZORRO research group — accessed 2026-08-02

University of Gothenburg — SEK 14m Formas grant news — accessed 2026-08-02

Handbook for restoration of eelgrass in Sweden (national guideline, 2021) — accessed 2026-08-02

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