Lake Hornborga Restoration — Re-Raising a Five-Times-Drained Swedish Bird Lake, 1992–1995 (Sweden)

PES & Nature-Based Solutions · Good practice · Sweden

Quality score: 33/100

Evidence strength: Cautionary / limited

Summary

After five drainage attempts shrank Lake Hornborga from 28 km² to under 4 km² of open water, Sweden cleared ~1,200 ha of reed and ~800 ha of trees and raised the level ~0.9 m (1992–95); 299 bird species are now recorded, but published before/after counts are scarce.

Key dimensions

Dimension	Score
Carbon — sequestration / storage, evidenced	0/3
Biodiversity — conservation / improvement, evidenced	2/3
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 2026-11-21

Länsstyrelsen Västra Götaland (County Administrative Board of Västra Götaland) — accessed 2026-11-21

Naturvårdsverket (2026) — Naturum Hornborgasjön 40 years — accessed 2026-11-21

University of Skövde — Evaluation of the restoration of Hornborgasjön — accessed 2026-11-21

Pehrsson (1990) The History of Lake Hornborga — Environmental Conservation — accessed 2026-11-21

Wikipedia — Lake Hornborga — accessed 2026-11-21

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