

# Hekluskógar — Reforesting the Slopes of Hekla Against Volcanic Ash Erosion

PES & Nature-Based Solutions · Good practice · Iceland

Quality score: 60/100

Evidence strength: Observational / pre–post

## Summary

Since 2007, Iceland's Hekluskógar project has enlisted 210+ landowners to re-establish native birch woodland around the Hekla volcano, planting 2.3M+ seedlings by 2014 to curb the volcanic-ash erosion that has stripped half of Iceland's vegetation since settlement.

## Key dimensions

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

Evaluated by C-NAPSE

## Data sources

[C-NAPSE web research](#) — accessed 2026-08-30

[Land and Forest Iceland \(Land og skógur — formerly the Icelandic Forest Service and Soil Conservation Service\)](#) — accessed 2026-08-30

[Hekluskógar official project page](#) — accessed 2026-08-30

[Hekluskógar — Wikipedia](#) — accessed 2026-08-30

[Land and Forest Iceland — Forest restoration / Bonn Challenge](#) — accessed 2026-08-30

---

Cite this — Evidoria. *Hekluskógar — Reforesting the Slopes of Hekla Against Volcanic Ash Erosion*. Persistent ID: d53aaba4-86f2-442a-939b-37c156727d1f.