

Prosopis Juliflora Control through Community Utilisation (Baringo County, Kenya)

PES & Nature-Based Solutions · Good practice · Kenya

Quality score: 27/100

Evidence strength: Cautionary / limited

Summary

KEFRI and CIFOR-ICRAF trained Baringo County communities to convert invasive *Prosopis juliflora* into charcoal and fodder using improved kilns (~30% conversion efficiency); livelihoods grew, but the 18,792 ha invasion (2016) kept expanding by ~640 ha/year regardless.

Key dimensions

Dimension	Score
Carbon — sequestration / storage, evidenced	0/3
Biodiversity — conservation / improvement, evidenced	1/3
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 2026-07-04

[Kenya Forestry Research Institute \(KEFRI\) / CIFOR-ICRAF](#) — accessed 2026-07-04

[CIFOR-ICRAF: Charcoal production from invasive *Prosopis juliflora* in Baringo County, Kenya](#) — accessed 2026-07-04

[KEFRI: Unlocking the economic potentials of *Prosopis* in the face of changing climate](#) — accessed 2026-07-04

[ResearchGate: Management of *Prosopis Juliflora* Invasion in Baringo County, Kenya through Utilization](#) — accessed 2026-07-04

Cite this — Evidoria. *Prosopis Juliflora Control through Community Utilisation (Baringo County, Kenya)*. Persistent ID: c0266a5c-832d-4aeb-936e-5f15a1034b10.