

Tunisia's National Wastewater Reuse & Groundwater Recharge Programme

PES & Nature-Based Solutions · Good practice · Tunisia

Quality score: 27/100

Evidence strength: Cautionary / limited

Summary

Since the 1980s, Tunisia's ONAS has run a national programme reusing treated wastewater for irrigation and aquifer recharge; in 2024 it reused 64.9 million m³ (22% of treated volume) across 7,590 hectares and 9 golf courses, plus a groundwater-recharge pilot at Korba.

Key dimensions

Dimension	Score
Carbon — sequestration / storage, evidenced	0/3
Biodiversity — conservation / improvement, evidenced	0/3
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 2026-08-21

[ONAS – Office National de l'Assainissement \(Tunisia\)](#) — accessed 2026-08-21

[Réalités – Bilan ONAS 2024 \(Tunisian wastewater reuse figures\)](#) — accessed 2026-08-21

[National Academies Press – Water in Tunisia: A National Perspective](#) — accessed 2026-08-21

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