

Zhanjiang Mangrove Afforestation Project — China's First Certified Blue Carbon Trade

PES & Nature-Based Solutions · Good practice · China

Quality score: 53/100

Evidence strength: Descriptive / self-reported

Summary

China's first Verra- and CCB Gold-certified blue carbon project restored 380 hectares of mangroves in Zhanjiang (2015–2019), expected to offset 160,000 tonnes of CO₂ by 2055; its first credits, 5,880 tCO₂e, were sold to the SEE Foundation in 2021.

Key dimensions

Dimension	Score
Carbon — sequestration / storage, evidenced	3/3
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 2026-08-20

Third Institute of Oceanography (Ministry of Natural Resources) & Zhanjiang Mangrove National Nature Reserve Administration — accessed 2026-08-20

IIGF — The First Blue Carbon Trading Project in China — accessed 2026-08-20

Dialogue Earth — Are China's blue carbon credits a free pass to harm its oceans? — accessed 2026-08-20

Climate Impact Partners — Mangrove Reforestation, China — accessed 2026-08-20

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