

Beira's Green-Gray Flood Defence — Rebuilding a Mozambican Port City After Cyclone Idai

City Innovation Library · Good practice · Mozambique

Quality score: 76/100

Evidence strength: Observational / pre–post

Summary

After Cyclone Idai destroyed roughly 90% of Beira in 2019, a \$120m World Bank-financed drainage and mangrove-restoration programme cut flood risk by 70% in the areas it served — though the coastal city of 500,000 remains acutely exposed to future storms and sea-level rise.

Key dimensions

Dimension	Score
Evidence of impact / measured results	3/3
Transferability / demonstrated replication	2/3
Scalability	2/3
Sustainability / continuity	2/3
Innovation	2/3
Inclusiveness / equity	2/3
Multi-stakeholder collaboration	3/3

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-08-18

[Beira Municipal Council with the World Bank \(Mozambique Cities and Climate Change Project\) and international co-financiers](#) — accessed 2026-08-18

[World Bank: Building Resilience Through Green-Gray Infrastructure — Lessons from Beira](#) — accessed 2026-08-18

[ReliefWeb: Building Resilience Through Green-Gray Infrastructure — Lessons from Beira](#) — accessed 2026-08-18

[Invest International: Beira's Coastal Protection](#) — accessed 2026-08-18

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