

WaterCopilot & the Limpopo Digital Twin — LIMCOM's AI Assistant for Transboundary River-Basin Management

AI in the Public Sector · Good practice · Mozambique

Quality score: 33/100

Evidence strength: Descriptive / self-reported

Summary

On 15 April 2026 LIMCOM — Botswana, Mozambique, South Africa and Zimbabwe's joint commission — launched a hydrological 'Digital Twin' and 'WaterCopilot', an AI assistant for querying basin data in plain language. No usage or outcome data published yet.

Key dimensions

Dimension	Score
Evidence of impact / measured public value	0/3
Transparency, fairness & accountability	1/3
Transferability / demonstrated replication	1/3
Scalability beyond pilot	1/3
Governance, capability & sustainability	2/3

Evaluated by C-NAPSE

Data sources

C-NAPSE web research — accessed 2026-08-15

Limpopo Watercourse Commission (LIMCOM), with the International Water Management Institute (IWMI) and Microsoft — accessed 2026-08-15

IWMI — Limpopo river basin water managers get AI-powered Digital Twin and WaterCopilot — accessed 2026-08-15

Smart Water Magazine — AI-powered digital tools boost transboundary water management in southern Africa — accessed 2026-08-15

WaterTechOnline — AI-powered tools to manage water in Africa — accessed 2026-08-15

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