

Orangi Pilot Project — Community-Financed Sewerage for a Karachi Squatter Settlement

City Innovation Library · Good practice · Pakistan

Quality score: 86/100

Evidence strength: Observational / pre–post

Summary

Since 1980, residents of Karachi's Orangi settlement have self-financed and self-built underground sewers guided by the Orangi Pilot Project, cutting sanitation costs to roughly a fifth of municipal rates and reaching over a million people across 160+ lanes.

Key dimensions

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

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-08-09

[Orangi Pilot Project — Research and Training Institute \(OPP-RTI\)](#) — accessed 2026-08-09

[Wikipedia — Orangi Pilot Project](#) — accessed 2026-08-09

[World Habitat — Orangi Low-cost Housing and Sanitation Programme](#) — accessed 2026-08-09

[WaterAid — From the Lane to the City: The Impact of OPP's Low-Cost Sanitation](#) — accessed 2026-08-09

[Arif Hasan — Scaling Up of the Orangi Pilot Project Programmes: Successes, Failures and Potential](#) — accessed 2026-08-09

Cite this — Evidoria. *Orangi Pilot Project — Community-Financed Sewerage for a Karachi Squatter Settlement*. Persistent ID: 950cd75e-5d2d-4a21-9ead-7e16d620a696.