









## AU-AIP AFRICA WATER INVESTMENT SUMMIT 2025

13 - 15 August 2025 Cape Town, South Africa



## AU AIP WATER INVESTMENT SUMMIT: PROJECT SHOWCASE

PROC	GRAMME/ PROJECT OVERVIEW	
Project name Kazungula Water Supply and Basic Sanitation Project (Phase II)		
Location (Country, Region, Coordinates)	Zambia, Southern, -17.775558°S, 25.277208°E	
Involved countries (if regional)	Zambia Zambia	
Sub-Sector	Sanitation	
Project description (Goals and expected outcomes)	Sanitation Systems which is intended to :- Construct Waste water treatment plant & backbone sewerage system for sludge treatment plant , Ventilated Pit Latrines to 70% of the population & Piped sewerage system for public administration, commercial Outcome- improve the ecology, healthy lives and well-being of the population of the border town	
Technological details/ innovation	On-site and Off-site technology includes:-Faecal Sludge Treatment Plant (FSTP),Anaerobic Digesters converting Off-site Sanitation technologies include: Gravity Sewage Backbone 4.5km & connects septic tanks to central lines & Wastewater Treatment Plant	
Governance improvements / innovation	Governance Zambia Southern Water and Sanitation Company (SWSC) – Project owner, Kazungula Town Council & District Administration & Local Stakeholders Innovation :-Reuse: Fecal sludge converted into Birkerts and Manure for Biogas. Capturing methane to reduce greenhouse gas emissions and generate energy.	
IMPLEMENTATION & KEY PLAYERS		
Lead institution	Southern Water and Sanitation Company Limited (SWSC)	
Implementing agent(s)	DBSA SADC Water Fund	
Sponsors / Investors / Contractors / Advisors	Sponsors / Investors:-DBSA Project Preparation Development Fund (funded through kfw) Consultants ( Investment consultant appointed )	
PROJECT TIMELINE & DEVELOPMENT STAGE		
Year of preparation, estimated start & end dates	Sanitation Concept Plan: <b>May 2023</b> , Sanitation Feasibility Study: <b>Dec 2023</b> , Preliminary Designs: May <b>2024</b> ,Environmental and Social Impact Assessment (ESIA) Completed (August 2024, )Detailed Designs and drawings: Dec <b>2024</b>	
Current development stage	Draft Tender document for Construction	
PROJECT RATIONALE & STRATEGIC IMPORTANCE		
Alignment with national/regional plans, SDGs, Agenda 2063	Aligned to :- SDG 6 (Clean Water and Sanitation), SDG 3: (Good health & well-being), SDG 11 (Sustainable Cities and Communities) and SDG 13 (Climate Action) and AU Agenda 2063	
Contribution to NDC's and alignment with NAPs / Adaptation and Mitigation measures	Aligned to the Zambia's National Urban and Peri-Urban Sanitation Strategy (2015-2030), Zambia's NRWSSP II (2019–2030)	
Paradigm shift potential (scalability,	High scalability and replicability across border towns as it promotes	
replicability, policy or behavior change)	policy and behavioural change in water use and hygiene	











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Initial project cost, currency Funding already raised Proposed revenue model Project Preparation funding- Project Preparation Models: Regular monthly desludging payments 20 years subject to review.    Name	Tatal music at a sat assume assume	Falling at all Constitions	
Proposed revenue model  Financial metrics (IRR, Payback Period, DSCR, NPV) available? Y/N, date  Economic performance  INVESTMENT ASK & WAY FORWARD  Remaining investment required: project component & type (Loan/Equity/Grant/Guarantee/insurance)  Opportunity for bundling with other projects (Y/N, date)  Next steps  TARGET GROUPS & SOCIAL IMPACT  Direct beneficiary population per project component  Social & gender impact assessment  Y, May 2023  Job creation estimate / local economic benefit assessment (Y/N, date)  SUSTAINABILITY & ENVIRONMENTAL ANALYSIS  Environmental compliance & climate assessment (Y/N, date)  Safeguards & community engagement  Wait of the project of the population measures  Risk Management  Will all personal deconomic benefit assession (Y/N, date)  Sustainability  Ray 2023  RISK MANAGEMENT  Main risks & mitigation measures  Limited Budget (€3M), Low Household Contribution Operational Sustainability  CONTACT INFORMATION	Total project cost, currency	Estimated €3million	
Subscription Models: Regular monthly desludging payments Financial metrics (IRR, Payback Period, DSCR, NPV) available? Y/N, date  Economic performance  INVESTMENT ASK & WAY FORWARD  Remaining investment required: project component & type (Loan/Equity/Grant/Guarantee/insurance)  Opportunity for bundling with other projects (Y/N, date)  Next steps  Secure Land for Treatment Plant; Finalize Detailed Design & Tender Documents  TARGET GROUPS & SOCIAL IMPACT  Kazungula IDP Urban Population 22,000 by 2040. 1,160 current household  Social & gender impact assessment  Y, May 2023  Job creation estimate / local economic benefit assessment (Y/N, date)  SUSTAINABILITY & ENVIRONMENTAL ANALYSIS  Environmental compliance & climate assessment (Y/N, date)  Safeguards & community engagement  W, May 2023  RISK MANAGEMENT  Main risks & mitigation measures  Constraints or bottlenecks to finance  Limited Budget (€3M), Low Household Contribution Operational Sustainability  CONTACT INFORMATION	Funding aiready raised	, , ,	
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	Constraints or bottlenecks to finance		
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