

AU-AIP AFRICA WATER INVESTMENT SUMMIT 2025

13 - 15 August 2025
Cape Town, South Africa



AU AIP WATER INVESTMENT SUMMIT: PROJECT SHOWCASE

PROGRAMME/ PROJECT OVERVIEW	
Project name	Project to build five new fecal sludge treatment plants (FSTPs) in the cities of Ouagadougou, Bobo-Dioulasso, Koudougou, and Banfora
Location (Country, Region, Coordinates)	Burkina Faso, Kadiogo, Guiriko, Nando, and Tannounyan Regions
Sub-Sector (Water Supply, Sanitation, Irrigation, Flood Management..)	Sanitation (Non-collective sanitation – Sewage sludge management sector)
Project description (Goals and expected outcomes)	Objectives: Improve urban sanitation: (i) Provide a sustainable solution for the treatment of fecal sludge from septic tanks and latrines,
Technological details/ innovation	Treatment capacity: between 100 and 800 m³/day of fecal sludge in the five STBVs.
Governance improvements / innovation	Joint Study Management Committee (JSMC), Project Management Office (PMO) ensures coordinated transboundary governance.
IMPLEMENTATION & KEY PLAYERS	
Lead institution	Minister of the Environment, Water and Sanitation
Implementing agent(s)	National Office for Water and Sanitation (ONEA)
Sponsors / Investors / Contractors / Advisors	None
PROJECT TIMELINE & DEVELOPMENT STAGE	
Year of preparation, estimated start & end dates	Year of preparation: 2020-2024, start dates: 2026 and estimated end date: 2028
Current development stage	The technical (APS, APD, DAO) and environmental (EIES) study reports are available. Currently, Burkina Faso is seeking technical and financial partners to finance the work.
PROJECT RATIONALE & STRATEGIC IMPORTANCE	
Alignment with national/regional plans, SDGs, Agenda 2063	The National Sustainable Development Policy (PNDD) for 2050, adopted in 2013, The National Economic and Social Development Plan (PNDES II) 2021-2025, Agenda 2063
Contribution to NDC's and alignment with NAPs / Adaptation and Mitigation measures	Climate-resilient investments - complete transformation of fecal sludge into reusable by-products (compost, biogas and fertilizing water)
Paradigm shift potential (scalability, replicability, policy or behaviour change)	Demonstrate cross-border cooperation, a comprehensive and innovative model for the management and treatment of fecal sludge. A sub-regional success model.
FINANCIAL & INVESTMENT DETAILS	
Total project cost, currency	Total cost: 38.3 million USD (excluding VAT)
Funding already raised (amount & sources)	None
Proposed revenue model	The proposed revenue model is as follows: Unloading fees: USD 2.6/m³ (break-even rate to cover operating costs). Dried sludge sales: Marked-up sales price: USD 8.68/ton (for agricultural use or compost). Sand volume: Estimated sales price: USD 5.2/ton (for construction). Treated water reuse: This model covers operating costs and generates a modest profit.
Financial metrics (IRR, Payback Period, DSCR, NPV) available? Y/N, date	N, pending Financial, Legal and Institutional Structuring

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Economic performance (Benefit-Cost Ratio) Y/N, date	Yes, the profit is modest.
INVESTMENT ASK & WAY FORWARD	
Remaining investment required: project component & type (Loan/Equity/Grant/Guarantee/insurance)	Total cost: 38.3 million USD (excluding VAT) for work and 1.8 million for Project management
Opportunity for bundling with other projects (Y/N, date)	Y
Next steps	Search for financing and recruitment of companies for the construction of sewage sludge treatment plants
TARGET GROUPS & SOCIAL IMPACT	
Direct beneficiary population per project component	Urban and rural populations of Ouagadougou, Bobo-Dioulasso, Koudougou, and Banfora.
Social & gender impact assessment (Y/N, date)	Yes, the project will have a social and gender impact on the populations in the catchment area of the municipalities concerned. 2027
Job creation estimate / local economic benefit assessment (Y/N, date)	YES, the project will create direct and indirect jobs, 2027
SUSTAINABILITY & ENVIRONMENTAL ANALYSIS	
Environmental compliance & climate assessment (Y/N, date)	Yes,
Environmental impact assessment (Y/N, date)	Y, 2023 et 2035
ESG performance (Y/N, date)	Y
Safeguards & community engagement (Y/N, date)	Yes, there was a public consultation during the environmental assessment.
RISK MANAGEMENT	
Main risks & mitigation measures (Political, Legal, etc)	Low capacity of STBVs: modular system non-compliant discharge of treated wastewater: possibility of re-treating the water in the treatment chain.
Constraints or bottlenecks to finance	Weak capacity for financial mobilization National and international political context
CONTACT INFORMATION	
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