

# 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	Algoa Water Supply System: Coerney Dam
Location (Country, Region, Coordinates)	Republic of South Africa Eastern Cape Province 33° 26' 54" S and 25° 37' 33" E
Involved countries (if regional)	N/A
Sub-Sector (Water Supply, Sanitation, Irrigation, Flood Management..)	Water Supply & Irrigation
Project description (Goals and expected outcomes)	The construction of a balancing dam on a tributary of the Coerney River to provide additional storage to eliminate operational and balancing storage limitations on water transfers to Nelson Mandela Bay Municipality (NMBM), which will assist to limit the risks of shortfall in water supply to NMBM and the Lower Sundays River Government Water Scheme (LSRGWS), and maintain operational risks at acceptable levels.
Technological details/ innovation	Dam Classification: Category 3 Dam type: Homogeneous earthfill embankment Crest Length: 600 m      Height: 20.5 m Base width (max): 107 m Non-overspill crest: 102.0 masl Full supply level: 98.2 masl Gross storage capacity: 4.69 million m <sup>3</sup> Spillway type: Side channel spillway
Governance improvements / innovation	Water security and operational efficiency
IMPLEMENTATION & KEY PLAYERS	
Lead institution	Department of Water & Sanitation
Implementing agent(s)	Department of Water & Sanitation
Sponsors / Investors / Contractors / Advisors	Department of Water & Sanitation
PROJECT TIMELINE & DEVELOPMENT STAGE	
Year of preparation, estimated start & end dates	Year of preparation: 2020 Estimated Start Date: February 2026 (currently under review) Estimated End Date: February 2029 (currently under review)
Current development stage	Design Development
PROJECT RATIONALE AND STRATEGIC IMPORTANCE	
Alignment with national/regional plans, SDGs, Agenda 2063	<ul style="list-style-type: none"> <li>Strategic Infrastructure Project (SIP 19) of the National Infrastructure Plan; Aligns with SDGs 1, 2, 6, 8, 9 &amp; 11; Supports Goals 1, 4, 5 &amp; 7 of Agenda 2063</li> </ul>
Contribution to NDC's and alignment with NAPs / Adaptation and Mitigation measures	N/A
Paradigm shift potential (scalability, replicability, policy or behaviour change)	N/A
FINANCIAL & INVESTMENT DETAILS	
Total project cost, currency	US\$ 40 million

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Funding already raised (amount & sources)	US\$ 14 million (SA Government Appropriations for Department of Water & Sanitation)	
Proposed revenue model	Bulk raw water sales to municipal off-takers and irrigators with tariffs based on Department of Water & Sanitation's Raw Water Pricing Strategy	
Financial metrics (IRR, Payback Period, DSCR, NPV) available? Y/N, date	N	
Economic performance (Benefit-Cost Ratio) Y/N, date	N	
INVESTMENT ASK & WAY FORWARD		
Remaining investment required: project component & type (Loan/Equity/Grant/Guarantee/insurance)	Project Component: Balancing dam and conveyance infrastructure Investment required: Grant	
Opportunity for bundling with other projects (Y/N, date)	N	
Next steps	Secure project funding, Complete design development Undertake pre-construction activities	
TARGET GROUPS & SOCIAL IMPACT		
Direct beneficiary population per project component	Lower Sundays River Water Users (irrigators) Nelson Mandela Bay Municipality	
Social & gender impact assessment (Y/N, date)	N	
Job creation estimate / local economic benefit assessment (Y/N, date)	N	
SUSTAINABILITY & ENVIRONMENTAL ANALYSIS		
Environmental compliance & climate assessment (Y/N, date)	Y (May 2023)	
Environmental impact assessment (Y/N, date)	Y (May 2023)	
ESG performance (Y/N, date)	Y (May 2023)	
Safeguards & community engagement (Y/N, date)	Y (May 2023)	
RISK MANAGEMENT		
Main risks & mitigation measures (Political, Legal, etc)	Risk Description	Mitigation Measures
	Water supply interruptions to NMBM	Project implementation on emergency basis
	Insufficient funding	Source additional funding
Constraints or bottlenecks to finance	SA Government fiscal constraints	
CONTACT INFORMATION		
AIP Secretariat	info@aipwater.org	