

# 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	Olifants-Doorn River Water Resources Project: Raising of Clanwilliam Dam
Location (Country, Region, Coordinates)	Republic of South Africa Western Cape Province; 32 11' 05" S and 18 52' 01" 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 raising of the existing Clanwilliam Dam wall by 13 m to restore the safety of the dam during flood events to comply to best practice dam safety standards, provide for the ecological reserve whilst improving assurance of supply for agriculture, and provide for additional allocation of water for resource-poor farmers.
Technological details/ innovation	Dam Classification: Category 3 Dam type: Mass gravity concrete Dam Wall Length: 255 m (existing dam) Height: 43 m (existing dam) Non-overspill crest: 102.20 masl (existing dam) Full supply level: 105.25 masl (existing dam) Gross storage capacity: 128 million m <sup>3</sup> (existing dam) Spillway type: Ogee spillway
Governance improvements / innovation	Water security and water allocation reform through the allocation of water to resource-poor farmers
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: 2013 Start Date: June 2023 Estimated End Date: May 2028
Current development stage	Construction
PROJECT RATIONALE & 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; 10; 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\$ 450 million
Funding already raised (amount & sources)	US\$ 116 million (SA Government Appropriations for Department of Water & Sanitation)



## AU AIP WATER INVESTMENT SUMMIT: PROJECT SHOWCASE

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	Y (February 2009)		
Economic performance (Benefit-Cost Ratio) Y/N, date	Y (June 2021)		
INVESTMENT ASK & WAY FORWARD			
Remaining investment required: project component & type (Loan/Equity/Grant/Guarantee/insurance)	Project Component: Dam (raising) Investment required: Grant		
Opportunity for bundling with other projects (Y/N, date)	Y (Clanwilliam Bulk Conveyance Infrastructure)		
Next steps	Secure project funding		
TARGET GROUPS & SOCIAL IMPACT			
Direct beneficiary population per project component (if available, please provide estimated by income status, gender, ethnicity and/or other status, and numbers of each)	<u>Cederberg and Matzikama Municipalities</u> Population (No.): 112 152 Gender (%): 49.40% Male 50.60% Female Employment (%): 58.25% Household Income: 76.73% < R3 200/m		
Social & gender impact assessment (Y/N, date)	Y (February 2009)		
Job creation estimate / local economic benefit assessment (Y/N, date)	Y (February 2009)		
SUSTAINABILITY & ENVIRONMENTAL ANALYSIS			
Environmental compliance & climate assessment (Y/N, date)	Y (September 2007)		
Environmental impact assessment (Y/N, date)	Y (September 2007)		
ESG performance (Y/N, date)	Y (September 2007)		
Safeguards & community engagement (Y/N, date)	Y (September 2007)		
RISK MANAGEMENT			
Main risks & mitigation measures (Political, Legal, etc)	Risk Description	Mitigation Measures	
	Poor condition of dam wall	Emergency works to stabilize dam wall	
	Insufficient funding	Source additional funding	
	Flooding	Emergency Preparedness Plan (EPP) and dam safety audits	
Constraints or bottlenecks to finance	SA Government fiscal constraints		
CONTACT INFORMATION			
AIP Secretariat	info@aipwater.org		