









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	Greater Mangaung Water Augmentation Project – Xhariep Pipeline	
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Location (Country, Region, Coordinates)	Orange River WMA	
Zoodion (Codinity, region, Cooldinates)	From Gariep Dam to a Command Reservoir near Mangaung Metro	
	Municipality (MMM)	
Involved countries (if regional)	Republic of South Africa, Free State	
Sub-Sector (Water Supply, Sanitation, Irrigation, Flood Management)	Bulk Water Supply Service	
Project description (Goals and expected outcomes)	The project is to ensure the restoration of long-term water security for the Mangaung Metropolitan Municipality and the surrounding towns. The pipeline infrastructure is designed to convey a maximum flow of 101 million cubic metres of treated water annually from the Gariep Dam to Bloemfontein, Botshabelo, Thaba Nchu, and the small towns along the pipeline route. This capacity is sufficient to meet the projected water requirements of the area up to the year 2050.	
Technological details/ innovation	To ensure the restoration of long-term water security for the Mangaung Metropolitan Municipality and the surrounding towns.	
Governance improvements / innovation	DWS would provide leadership and oversight on the implementation of the project, with active participation of key role players.	
IMPLEMENTATION & KEY PLAYERS		
Lead institution	DWS : Branch: Water and Sanitation Services Management	
Implementing agent(s)	Vaal Central Water Board (VCWB)	
Sponsors / Investors / Contractors / Advisors	National Treasury	
PROJECT TIMELINE & DEVELOPMENT STAGE		
Year of preparation, estimated start & end dates	2026	
Current development stage	Once IA is appointed Detail Design can commence.	
PROJECT RATIONALE & STRATEGIC IMPORTANCE		
Alignment with national/regional plans, SDGs, Agenda 2063	Aligned to SDG Target 6.1 ; by 2030 achieve universal and equitable access to safe & affordable drinking water for all.	
Contribution to NDC's and alignment with	SA(INDC 2021); enhance water security; effectively.	
NAPs / Adaptation and Mitigation measures		
FINANCIAL & INVESTMENT DETAILS		
Total project cost, currency	The estimated cost of the whole project is R38.959 billion. (Feb 2025 Rand value)	
Funding already raised (amount & sources)	No	
Proposed revenue model	It is possible to state that the proposed option is economically viable and that the socioeconomic impacts of the available water will not only maintain but also add positively to the socioeconomic circumstances of Bloemfontein. It will also contribute to improve the security of supply of water for the rest of the Greater Bloemfontein WSS. However, the affordability analysis shows that the total capital and interest repayment over a 30-year period is not affordable for the paying households as well as the business and industrial sectors. Specifically, the current paying households will not be able to afford the projected additional tariff increase of nearly R28 per cubic meter. A number of other funding options were investigated which shows that, without a large government grant, the project will not be financially	











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