









## 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 Lusikisiki Regional Water Supply Scheme: Zalu Dam				
Location (Country, Region, Coordinates)	Republic of South Africa Eastern Cape Province; 31° 18' 55" S and 29° 28' 37" E			
(= ),				
Involved countries (if regional)	N/A			
Sub-Sector	Water Supply & Irrigation			
Project description (Goals and expected	The construction of a dam on the Xura River near Lusikisiki to meet			
outcomes)	the projected growing water requirements of the town of Lusikisiki and surrounding villages, to prevent further degradation of the riverine ecosystem and to make water available for the			
Table of a simple data its / in a security or	establishment of smallholder subsistence farming.			
Technological details/ innovation	Dam Classification: Category 3			
	Dam type: Roller compacted concrete Height: 35 m			
	Height: 35 m Embankment crest width: 6 m			
	Non-overspill crest: 629 masl			
	Full supply level: 622.6 masl			
	Gross storage capacity: 17.3 million m <sup>3</sup>			
Governance improvements / innovation	Water security and water allocation reform through the allocation of			
	water to resource-poor farmers			
	EMENTATION & 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	Year of preparation: 2017			
dates	Estimated Start Date: November 2025 (currently under review)			
	Estimated End Date: November 2029 (currently under review)			
Current development stage	Design Development			
PROJECT RATIONALE & STRATEGIC IMPORTANCE				
Alignment with national/regional plans,	Supports National Development Plan (NDP) and is consistent with National Water Resource Strategy; Aligns with SDGs 1, 2,			
SDGs, Agenda 2063				
-	6, 8, 9 & 10; Supports Goals 1, 4, 5 & 7 of Agenda 2063			
Contribution to NDC's and alignment with	N/A			
NAPs / Adaptation and Mitigation				
measures				
Paradigm shift potential (scalability,	N/A			
replicability, policy or behaviour change)				
	FINANCIAL & INVESTMENT DETAILS			
Total project cost, currency	US\$ 62 million			
Funding already raised (amount &	US\$ 16 million (SA Government Appropriations for Department of			
sources)	Water & Sanitation)			
Proposed revenue model	Bulk raw water sales to municipal off-takers and irrigators with tariffs			











## AU-AIP AFRICA WATER INVESTMENT SUMMIT 2025

13 - 15 August 2025 Cape Town, South Africa



## AU AIP WATER INVESTMENT SUMMIT: PROJECT SHOWCASE

Financial metrics (IRR, Payback Period, DSCR, NPV) available? Y/N, date  Economic performance (Benefit-Cost Ratio) Y/N, date  INVESTMENT ASK & WAY FORWARD  Remaining investment required: project component. Dam and appurtenant works Investment required: Grant  Y (Lusikisiki Regional Water Supply Scheme: Bulk Water Infrastructure)  Next steps  Secure project funding, Complete design development, Undertake pre-construction activities  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)  Social & gender impact assessment (Y/N, date)  SUSTAINABILITY & ENVIRONMENTAL ANALYSIS  Environmental compliance & climate assessment (Y/N, date)  SUSTAINABILITY & ENVIRONMENTAL ANALYSIS  Environmental impact assessment (Y/N, date)  Y (June 2015)  Safeguards & community engagement (Y/N, date)  Risk Management  Y (June 2015)  Risk Management  (Political, Legal, etc)  Risk Description Mitigation Measures  (Political, Legal, etc)  SA Government fiscal constraints  CONTACT INFORMATION  AIP Secretariat		based on Department of Water & Sanitation's Raw Water Pricing Strategy			
Economic performance (Benefit-Cost Ratio) Y/N, date  INVESTMENT ASK & WAY FORWARD  Remaining investment required: project component & type  Opportunity for bundling with other projects (Y/N, date)  Next steps  TARGET GROUPS & SOCIAL IMPACT  Direct beneficiary population per project (off available, please provide estimated by income status, gender, ethnicity and/or other status, and numbers of each)  Social & gender impact assessment (Y/N, date)  SUSTAINABILITY & ENVIRONMENTAL ANALYSIS  Environmental compliance & climate assessment (Y/N, date)  ESG performance (Y/N, date)  ESG performance (Y/N, date)  Ratio Y/N, date)  Roups & SOCIAL IMPACT  Neguza Hill and Port St Johns Local Municipalities population (No.):  463 937  Total Households (No.):  87 869  Human Development Index:  9 (March 2015)  4 (March 2015)  V (February 2014)  Sustainability & Environmental compliance & climate assessment (Y/N, date)  Finvironmental impact assessment (Y/N, date)  ESG performance (Y/N, date)  Y (June 2015)  Safeguards & community engagement (Y/N, date)  RISK MANAGEMENT  Main risks & mitigation measures (Political, Legal, etc)  Risk Description  Risk Description  Expiry of Environmental Amendment of Environmental Authorisation Insufficient funding  Source additional funding  Constraints or bottlenecks to finance	l				
Remaining investment required: project component & type Opportunity for bundling with other projects (Y/N, date) Next steps  TARGET GROUPS & SOCIAL IMPACT  Direct beneficiary population per project (if available, please provide estimated by income status, gender, ethnicity and/or other status, and numbers of each) Social & gender impact assessment (Y/N, date)  SUSTAINABILITY & ENVIRONMENTAL ANALYSIS  Environmental compliance & climate assessment (Y/N, date)  ENG performance (Y/N, date)  Sustainability & ESG performance (Y/N, date)  Risk Management (Y/N, date)  Risk Management (Y/N, date)  Risk Description (Management of performance)  Risk Description (Management of performance)  Risk Description (Management of performance)  Risk Description (Mitigation Measures)  Risk Description (Mitigation Measures)  Risk Description (Mitigation Measures)  Risk Description (Management of performance)  Risk Governmental inding (Source additional funding)  Source additional funding)  Source additional funding  Source additional funding  Constraints or bottlenecks to finance	Economic performance (Benefit-Cost	N			
Component & type Opportunity for bundling with other projects (Y/N, date) Next steps Secure project funding, Complete design development, Undertake pre-construction activities  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) Social & gender impact assessment (Y/N, date)  SUSTAINABILITY & ENVIRONMENTAL ANALYSIS  Environmental compliance & climate assessment (Y/N, date)  Sustainabel provide estimate (Y/N, date)  Y (June 2015)  Safeguards & community engagement (Y/N, date)  RISK MANAGEMENT  Main risks & mitigation measures (Political, Legal, etc)  Risk Description  Risk Description  Risk Description  Sa Government fiscal constraints  Y (Cusikisiki Regional Water Supply Scheme: Bulk Water Infrastructure)  Y (Lusikisiki Regional Water Supply Scheme: Bulk Water Infrastructure)  Next steps  Y (Lusikiski Regional Water Supply Scheme: Bulk Water Infrastructure)  Next steps  Y (Lusikiski Regional Water Supply Scheme: Bulk Water Infrastructure)  Next steps  Population (No.):  463 937  Total Households (No.):  87 869  Households (No.):  88 0004  Human Development Index:  0.40  Human Development Index:  0.40  Y (March 2015)  Y (June 2015)  Y (June 2015)  Safeguards & community engagement (Y/N, date)  RISK MANAGEMENT  Main risks & mitigation measures  (Political, Legal, etc)  Risk Description  Expiry of Environmental  Authorisation  Management Programme  Insufficient funding  Source additional funding  Constraints or bottlenecks to finance	, , , , , , , , , , , , , , , , , , ,				
Component & type Opportunity for bundling with other projects (Y/N, date) Next steps Secure project funding, Complete design development, Undertake pre-construction activities  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) Social & gender impact assessment (Y/N, date)  SUSTAINABILITY & ENVIRONMENTAL ANALYSIS  Environmental compliance & climate assessment (Y/N, date)  Sustainabel provide estimate (Y/N, date)  Y (June 2015)  Safeguards & community engagement (Y/N, date)  RISK MANAGEMENT  Main risks & mitigation measures (Political, Legal, etc)  Risk Description  Risk Description  Risk Description  Sa Government fiscal constraints  Y (Cusikisiki Regional Water Supply Scheme: Bulk Water Infrastructure)  Y (Lusikisiki Regional Water Supply Scheme: Bulk Water Infrastructure)  Next steps  Y (Lusikiski Regional Water Supply Scheme: Bulk Water Infrastructure)  Next steps  Y (Lusikiski Regional Water Supply Scheme: Bulk Water Infrastructure)  Next steps  Population (No.):  463 937  Total Households (No.):  87 869  Households (No.):  88 0004  Human Development Index:  0.40  Human Development Index:  0.40  Y (March 2015)  Y (June 2015)  Y (June 2015)  Safeguards & community engagement (Y/N, date)  RISK MANAGEMENT  Main risks & mitigation measures  (Political, Legal, etc)  Risk Description  Expiry of Environmental  Authorisation  Management Programme  Insufficient funding  Source additional funding  Constraints or bottlenecks to finance	Remaining investment required: project	Project Component: Dam and appurtenant works			
Opportunity for bundling with other projects (Y/N, date)  Next steps  TARGET GROUPS & SOCIAL IMPACT  Direct beneficiary population per project (or available, please provide estimated by income status, and numbers of each)  Social & gender impact assessment (Y/N, date)  Total Households (No.):  Y (February 2014)  Environmental compliance & climate assessment (Y/N, date)  Environmental impact assessment (Y/N, date)  ENG performance (Y/N, date)  Y (June 2015)  Safeguards & community engagement (Y/N, date)  Risk Management (Porgramme (Political, Legal, etc))  Risk Description  Risk Description  Risk Description  Risk Description  Risk Government fiscal constraints  Y (Lusikisiki Regional Water Supply Scheme: Bulk Water Infrastructure)  Secure project funding, Complete design development, Undertake pre-construction activities  Population (No.):  Ada 937  Total Households (No.):  87 869  Human Development Index:  0.40  Household Income (R/month):  R3 003.59  Y (February 2014)  Sustainability & Environmental Analysis  Environmental compliance & climate assessment (Y/N, date)  Y (June 2015)  Safeguards & community engagement (Y/N, date)  RISK MANAGEMENT  Main risks & mitigation measures  (Political, Legal, etc)  Risk Description  Risk Description  Amendment of Environmental Authorisation  Insufficient funding  Source additional funding  Constraints or bottlenecks to finance		, , , , , , , , , , , , , , , , , , ,			
Infrastructure   Next steps   Secure project funding, Complete design development, Undertake pre-construction activities   TARGET GROUPS & SOCIAL IMPACT		·			
Next steps   Secure project funding, Complete design development, Undertake pre-construction activities	1		,		
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) Social & gender impact assessment (Y/N, date)  Job creation estimate / local economic benefit assessment (Y/N, date)  Environmental compliance & climate assessment (Y/N, date)  Environmental impact assessment (Y/N, date)  SUSTAINABILITY & ENVIRONMENTAL ANALYSIS  Environmental impact assessment (Y/N, date)  SUSTAINABILITY & ENVIRONMENTAL ANALYSIS  Environmental impact assessment (Y/N, date)  SUSTAINABILITY & ENVIRONMENTAL ANALYSIS  Environmental impact assessment (Y/N, date)  Environmental impact assessment (Y/N, date)  Final Population (No.):  Af69  Human Development Index: 0.40  Household Income (R/month): R3 003.59  V (March 2015)  V (February 2014)  Environmental compliance & climate assessment (Y/N, date)  Final Population (No.):  Af69  Human Development Index: 0.40  Human Development Index: 0.40  V (March 2015)  V (February 2014)  Final Population (No.): 87 869  Human Development Index: 0.40  Human Development Index: 0.40  V (March 2015)  V (February 2014)  Final Population (No.): 87 869  Human Development Index: 0.40  V (March 2015)  V (February 2014)  Final Population (No.): 87 869  Human Development Index: 0.40  V (March 2015)  V (February 2014)  Final Population (No.): 87 869  Human Development Index: 0.40  V (March 2015)  V (February 2014)  Final Population (No.): 87 869  Human Development Index: 0.40  V (March 2015)  V (February 2014)  Final Population (No.): 87 869  Human Development Index: 0.40  V (March 2015)  V (February 2014)  Final Population (No.): 87 869  Human Development Index: 0.40  V (March 2015)  V (June 2015)  V (June 2015)  V (June 2015)  Final Population (No.): 0.40	· · · · · · · · · · · · · · · · · · ·	Secure project funding, Complete	design development. Undertake		
TARGET GROUPS & SOCIAL IMPACT  Direct beneficiary population per project component (figuraliable, please provide estimated by income status, gender, ethnicity and/or other status, and numbers of each)  Social & gender impact assessment (Y/N, date)  Total Households (No.): 87 869 Human Development Index: 0.40 Household Income (R/month): R3 003.59  Y (March 2015)  SUSTAINABILITY & ENVIRONMENTAL ANALYSIS  Environmental compliance & climate assessment (Y/N, date)  Environmental impact assessment (Y/N, date)  SUSTAINABILITY & ENVIRONMENTAL ANALYSIS  Y (June 2015)  Safeguards & community engagement (Y/N, date)  Five substances (Y/N, date)  RISK MANAGEMENT  Main risks & mitigation measures (Political, Legal, etc)  Risk Description Mitigation Measures  Expiry of Environmental Amendment of Environmental Authorisation Management Programme Insufficient funding Source additional funding  Constraints or bottlenecks to finance  CONTACT INFORMATION	'		3 1 7 2		
component (if available, please provide estimated by income status, gender, ethnicity and/or other status, and numbers of each)  Social & gender impact assessment (Y/N, date)  Sustainability & Environmental compliance & climate assessment (Y/N, date)  Environmental impact assessment (Y/N, date)  Environmental impact assessment (Y/N, date)  Signards & community engagement (Y/N, date)  Y (June 2015)  Safeguards & community engagement (Y/N, date)  Risk Management (Y/N, date)  Risk Description  Expiry of Environmental Amendment of Environmental Authorisation Insufficient funding  Constraints or bottlenecks to finance  Sustainability & Environmental (No.):  87 869  Human Development Index: 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.4					
component (if available, please provide estimated by income status, gender, ethnicity and/or other status, and numbers of each)  Social & gender impact assessment (Y/N, date)  Sustainability & Environmental compliance & climate assessment (Y/N, date)  Environmental impact assessment (Y/N, date)  Environmental impact assessment (Y/N, date)  Signards & community engagement (Y/N, date)  Y (June 2015)  Safeguards & community engagement (Y/N, date)  Risk Management (Y/N, date)  Risk Description  Expiry of Environmental Amendment of Environmental Authorisation Insufficient funding  Constraints or bottlenecks to finance  Sustainability & Environmental (No.):  87 869  Human Development Index: 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.4	Direct beneficiary population per project				
income status, gender, ethnicity and/or other status, and numbers of each)  Social & gender impact assessment (Y/N, date)  SUSTAINABILITY & ENVIRONMENTAL ANALYSIS  Environmental compliance & climate assessment (Y/N, date)  Environmental impact assessment (Y/N, date)  Environmental impact assessment (Y/N, date)  For professional of the professio		- <del>-</del> -	•		
other status, and numbers of each) Household Income (R/month): R3 003.59  Social & gender impact assessment (Y/N, date)  Job creation estimate / local economic benefit assessment (Y/N, date)  SUSTAINABILITY & ENVIRONMENTAL ANALYSIS  Environmental compliance & climate assessment (Y/N, date)  Environmental impact assessment (Y/N, date)  Environmental impact assessment (Y/N, date)  For impact assessment (Y/N, date)  Y (June 2015)  Safeguards & community engagement (Y/N, date)  Y (June 2015)  Safeguards & community engagement (Y/N, date)  RISK MANAGEMENT  Main risks & mitigation measures (Political, Legal, etc)  Risk Description Mitigation Measures  Expiry of Environmental Amendment of Environmental Management Programme Insufficient funding Source additional funding  Constraints or bottlenecks to finance  CONTACT INFORMATION	(if available, please provide estimated by	Total Households (No.):	87 869		
Social & gender impact assessment (Y/N, date)  Job creation estimate / local economic benefit assessment (Y/N, date)  SUSTAINABILITY & ENVIRONMENTAL ANALYSIS  Environmental compliance & climate assessment (Y/N, date)  Environmental impact assessment (Y/N, date)  ESG performance (Y/N, date)  Y (June 2015)  Safeguards & community engagement (Y/N, date)  FISK MANAGEMENT  Main risks & mitigation measures (Political, Legal, etc)  RISK Description Mitigation Measures  Expiry of Environmental Amendment of Environmental Authorisation Management Programme Insufficient funding Source additional funding  Constraints or bottlenecks to finance  CONTACT INFORMATION	income status, gender, ethnicity and/or	Human Development Index:	0.40		
date) Job creation estimate / local economic benefit assessment (Y/N, date)  SUSTAINABILITY & ENVIRONMENTAL ANALYSIS  Environmental compliance & climate assessment (Y/N, date)  Environmental impact assessment (Y/N, date)  ESG performance (Y/N, date)  Y (June 2015)  Safeguards & community engagement (Y/N, date)  FISK MANAGEMENT  Main risks & mitigation measures (Political, Legal, etc)  Risk Description Mitigation Measures  (Political Legal, etc)  Risk Description Mitigation Measures  Expiry of Environmental Amendment of Environmental Authorisation Management Programme Insufficient funding Source additional funding  Constraints or bottlenecks to finance  CONTACT INFORMATION	other status, and numbers of each)	Household Income (R/month):	R3 003.59		
SUSTAINABILITY & ENVIRONMENTAL ANALYSIS  Environmental compliance & climate assessment (Y/N, date)  Environmental impact assessment (Y/N, date)  Environmental impact assessment (Y/N, date)  ESG performance (Y/N, date)  Y (June 2015)  Safeguards & community engagement (Y/N, date)  Y (June 2015)  Safeguards & community engagement (Y/N, date)  RISK MANAGEMENT  Main risks & mitigation measures (Political, Legal, etc)  Risk Description Mitigation Measures (Expiry of Environmental Authorisation Management Programme Insufficient funding Source additional funding)  Constraints or bottlenecks to finance  CONTACT INFORMATION		Y (March 2015)			
Environmental compliance & climate assessment (Y/N, date)  Environmental impact assessment (Y/N, date)  Environmental impact assessment (Y/N, date)  ESG performance (Y/N, date)  Safeguards & community engagement (Y/N, date)  FISK MANAGEMENT  Main risks & mitigation measures (Political, Legal, etc)  Risk Description Expiry of Environmental Amendment of Environmental Authorisation Insufficient funding Source additional funding  Constraints or bottlenecks to finance  SA Government fiscal constraints  Y (June 2015)  Y (June 2015)  Mitigation Measures Expiry of Environmental Amendment of Environmental Management Programme Insufficient funding Source additional funding  CONTACT INFORMATION	Job creation estimate / local economic	Y (February 2014)			
Environmental compliance & climate assessment (Y/N, date)  Environmental impact assessment (Y/N, date)  ESG performance (Y/N, date)  Safeguards & community engagement (Y/N, date)  Y (June 2015)  Y (June 2015)  Y (June 2015)  RISK MANAGEMENT  Main risks & mitigation measures (Political, Legal, etc)  Risk Description Expiry of Environmental Amendment of Environmental Authorisation Management Programme Insufficient funding Source additional funding  Constraints or bottlenecks to finance  CONTACT INFORMATION	benefit assessment (Y/N, date)				
assessment (Y/N, date)  Environmental impact assessment (Y/N, date)  ESG performance (Y/N, date)  Safeguards & community engagement (Y/N, date)  Y (June 2015)  Y (June 2015)  RISK MANAGEMENT  Main risks & mitigation measures (Political, Legal, etc)  Risk Description Expiry of Environmental Amendment of Environmental Authorisation Management Programme Insufficient funding Source additional funding  Constraints or bottlenecks to finance  CONTACT INFORMATION					
Environmental impact assessment (Y/N, date)  ESG performance (Y/N, date)  Y (June 2015)  Safeguards & community engagement (Y/N, date)  RISK MANAGEMENT  Main risks & mitigation measures (Political, Legal, etc)  Risk Description Expiry of Environmental Amendment of Environmental Authorisation Management Programme Insufficient funding Source additional funding  Constraints or bottlenecks to finance  CONTACT INFORMATION	<u> </u>	Y (June 2015)			
ESG performance (Y/N, date)  Safeguards & community engagement (Y/N, date)  RISK MANAGEMENT  Main risks & mitigation measures (Political, Legal, etc)  Risk Description Expiry of Environmental Amendment of Environmental Authorisation Insufficient funding  Constraints or bottlenecks to finance  CONTACT INFORMATION	Environmental impact assessment (Y/N,	Y (June 2015)			
(Y/N, date)  RISK MANAGEMENT  Main risks & mitigation measures (Political, Legal, etc)  Risk Description Expiry of Environmental Authorisation Management Programme Insufficient funding  Constraints or bottlenecks to finance  CONTACT INFORMATION  Risk Management Mitigation Measures Amendment of Environmental Authorisation Management Programme Source additional funding  CONTACT INFORMATION	,	Y (June 2015)			
RISK MANAGEMENT  Main risks & mitigation measures (Political, Legal, etc)  Risk Description Expiry of Environmental Authorisation Insufficient funding  Constraints or bottlenecks to finance  Risk Description Mitigation Measures Expiry of Environmental Authorisation Management Programme Insufficient funding  Source additional funding  CONTACT INFORMATION	_ = = = = = = = = = = = = = = = = = = =	Y (June 2015)			
Main risks & mitigation measures (Political, Legal, etc)  Risk Description Expiry of Environmental Authorisation Insufficient funding  Constraints or bottlenecks to finance  CONTACT INFORMATION  Mitigation Measures Expiry of Environmental Amendment of Environmental Management Programme Source additional funding  CONTACT INFORMATION					
(Political, Legal, etc)  Risk Description Expiry of Environmental Authorisation Insufficient funding Constraints or bottlenecks to finance  Risk Description Expiry of Environmental Authorisation Management Programme Insufficient funding Source additional funding  CONTACT INFORMATION	Main risks & mitigation measures				
Expiry of Environmental Amendment of Environmental Authorisation Management Programme Insufficient funding Source additional funding  Constraints or bottlenecks to finance SA Government fiscal constraints  CONTACT INFORMATION	_	Risk Description	Mitigation Measures		
Authorisation Management Programme Insufficient funding Source additional funding  Constraints or bottlenecks to finance SA Government fiscal constraints  CONTACT INFORMATION	(sai, Logai, sto)				
Insufficient funding Source additional funding  Constraints or bottlenecks to finance SA Government fiscal constraints  CONTACT INFORMATION		11			
Constraints or bottlenecks to finance SA Government fiscal constraints  CONTACT INFORMATION					
CONTACT INFORMATION	Constraints or bottlenecks to finance		coares additional fanding		
	The state of the s	S. C. Severimonic neodi contanta			
	CONTACT INFORMATION				