

# 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	Short Term: Expansion of water supply from Saua-Saua Long term: Expansion of water supply through Lurio River and the related water supply infrastructures.
Location (Country, Region, Coordinates)	Mozambique-Nampula Province
Involved countries (if regional)	Only Mozambique
Sub-Sector (Water Supply, Sanitation, Irrigation, and Flood Management.)	Water Supply
Project description (Goals and expected outcomes)	<p>Besides being the unique source of water supply to Nampula city, the reservoir capacity of the Monapo Dam is estimated to hold about 3.3M m3 of water which is distinctly seasonal.</p> <p>The maximum volume of water abstracted during the rainy season is estimated at 38,000m3/day and 14,000m3/day during the dry season. Monapo Dam, constructed in 1959, faces additional challenges such as sedimentation reducing storage capacity, structural wear requiring maintenance, and an inability to fully address the current demand of 62.230 m3/d and the increasing water demands of 219.750 m3/d by 2050.</p> <p>Shor-Term solution: expansion of water supply from Saua-Saua located around 7 km downstream from Monapo, with a variable capacity of between 4.5 and 13 Mm<sup>3</sup>. This solution has an advantage due to its Strategic location, low environmental impact and rock foundation.</p> <p>The main purpose of the project is to develop the following components:</p> <p>Water retention infrastructure:</p> <ul style="list-style-type: none"> <li>• Construction of rockfill Dikes: Main structure, with an impermeable core and revetments (13 M m3);</li> <li>• Spillways: System for flows of up to 100m<sup>3</sup>/s;</li> <li>• Intake System: Connection to Monapo dam and WTP;</li> <li>• Auxiliary Dike: A 750-meter structure that expands storage and serves as an access road.</li> <li>• </li> </ul> <p>Water Supply Infrastructures:</p> <ul style="list-style-type: none"> <li>• Construction of 27.5 km of transmission main, of which 7.5 km from the new catchment to the existing WTP and 20 km from the new catchment to the new WTP;</li> <li>• Installation of new WTP with a capacity of 30,000 m3/day;</li> <li>• Construction of new DC composed by 5,000 m3 reservoir and a 250 m<sup>3</sup> water tower.</li> </ul> <p>For long-term solution, is proposed the expansion of water supply through Lurio River and the related water supply infrastructures.</p> <p>The main purpose of the project is to develop the following components:</p> <ul style="list-style-type: none"> <li>• Construction of new weir at Lurio River;</li> <li>• Construction of new Intake;</li> <li>• Construction of new Water Treatment Plant;</li> <li>• Construction of Pumping Stations;</li> <li>• Construction of around 250 km of transmission main;</li> <li>• Installation of new WTP with a capacity of 30,000 m3/day;</li> <li>• Construction of new DC at Nampula, Meconta, Namapa, Monapo, Mecuburi, Balama, Namuno and Montepuez;</li> </ul>

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	<ul style="list-style-type: none"> <li>Construction of distribution networks.</li> </ul> <p>The expected outcomes of the project are as follows:</p> <ul style="list-style-type: none"> <li>Availability of water to around 3 million people at Nampula, Meconta, Namapa, Monapo, Mecuburi, Balama, Namuno and Montepuez;</li> </ul>
<b>IMPLEMENTATION &amp; KEY PLAYERS</b>	
Lead institution	Government of Mozambique/MOPHRH – Ministry of Public Works, Housing and Water Resources
Implementing agent(s)	FIPAG – Fundo de Investimento e Património de Abastecimento de Água/ Water Supply Investment and Asset Fund
Sponsors / Investors / Contractors / Advisors	Fundraising in progress
<b>PROJECT TIMELINE &amp; DEVELOPMENT STAGE</b>	
Year of preparation, estimated start & end dates	<p>Response to urban and economic growth, flood control and water security up to 2035.</p> <p>Preparation: 2025-2028</p> <p>Start of construction: 2029</p> <p>End of Construction: 2034</p> <p>Start Operation: 2025</p>
Current development stage	Technical, Environmental and financial and economic Pre-feasibilities studies
<b>PROJECT RATIONALE &amp; STRATEGIC IMPORTANCE</b>	
Alignment with national/regional plans, SDGs, Agenda 2063	Yes, Five-year government plan 2025-2029 and SDG - 6.
Contribution to NDC's and alignment with NAPs / Adaptation and Mitigation measures	Yes.
<b>FINANCIAL &amp; INVESTMENT DETAILS</b>	
Total project cost, currency	USD 354,500,000
Funding already raised (amount & sources)	NO YET
Proposed revenue model	Fundraising for Technical, Environmental and Social and Financial and Economic Feasibilities studies
Financial metrics (IRR, Payback Period, DSCR, NPV) available? Y/N, date	Not yet depend on fund for Technical, Environmental and social and financial and economic Feasibilities studies
Economic performance (Benefit-Cost Ratio) Y/N, date	NOT YET
<b>INVESTMENT ASK &amp; WAY FORWARD</b>	
Remaining investment required: project component & type (Loan/Equity/Grant/Guarantee/insurance)	Concessional Loan, Grant or Public-Private Partnership
Opportunity for bundling with other projects (Y/N, date)	<p>Yes</p> <p>Niassa Water Supply project:</p> <p>The <b>main purpose of the project</b> is to develop the following components:</p> <ul style="list-style-type: none"> <li>Construction of new intake at Lake Niassa;</li> <li>Construction of photovoltaic power plant;</li> <li>Construction of new Water Treatment Plant;</li> <li>Construction of Pumping Stations;</li> <li>Construction of around 50 km of Transmission Mains;</li> <li>Construction of Distribution Centres at Lichinga, Muembe, Ngauma and Chimbunila;</li> <li>Construction of Distribution Networks.</li> </ul> <p>The <b>expected outcomes of the project</b> are as follows:</p> <ul style="list-style-type: none"> <li>Availability of water to around 600.000 people at Lichinga, Muembe,</li> </ul>

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	Ngauma and Chimbunila;
Next steps	Fundraising and Technical and engineering executive project
<b>TARGET GROUPS &amp; SOCIAL IMPACT</b>	
Direct beneficiary population per project component (if available, please provide estimated by income status, gender, ethnicity and/or other status, and numbers of each)	<b>Nampula Short-Term:</b> <ul style="list-style-type: none"> <li>Immediate response to current and medium-term demands benefiting <b>250.000 people</b>;</li> </ul> <b>Nampula Long-Term:</b> <ul style="list-style-type: none"> <li>Availability of water to around <b>3 million</b> people at Nampula (Meconta, Namapa, Monapo and Mecuburi) and Cabo Delgado (Balama, Namuno and Montepuez)</li> </ul>
Social & gender impact assessment (Y/N, date)	NOT YET, depend on Fundraising for Technical, Financial and Economic, Environmental and Social Feasibilities Studies
Job creation estimate / local economic benefit assessment (Y/N, date)	NOT YET
<b>SUSTAINABILITY AND ENVIRONMENTAL ANALYSIS</b>	
Environmental compliance & climate assessment (Y/N, date)	NOT YET, depend on Fundraising for Technical, Financial and Economic, Environmental and Social Feasibilities Studies
Environmental impact assessment (Y/N, date)	NOT YET, depend on Fundraising for Technical, Financial and Economic, Environmental and Social Feasibilities Studies
ESG performance (Y/N, date)	NOT YET, depend on Fundraising for Technical, Financial and Economic, Environmental and Social Feasibilities Studies
Safeguards & community engagement (Y/N, date)	NOT YET, depend on Fundraising for Technical, Financial and Economic, Environmental and Social Feasibilities Studies
<b>RISK MANAGEMENT</b>	
Main risks & mitigation measures (Political, Legal, etc)	NOT YET, depend on Fundraising for Technical, Financial and Economic, Environmental and Social Feasibilities Studies
Constraints or bottlenecks to finance	<ul style="list-style-type: none"> <li>Mozambique is at risk due to high internal and external public debt</li> <li>Instability in northern Mozambique due to Terrorism in Cabo Delgado province</li> <li>Low attractiveness for the private sector due to the high return period on investment conditioned by the low payment capacity of the population covered and little industrial development, who would be the potential customers of the water supply project</li> </ul>
<b>CONTACT INFORMATION AND CONSENT</b>	
AIP Secretariat	<a href="mailto:info@aipwater.org">info@aipwater.org</a>