

# AU-AIP AFRICA WATER INVESTMENT SUMMIT 2025

13 - 15 August 2025  
Cape Town, South Africa



## AU AIP WATER INVESTMENT SUMMIT: PROJECT SHOWCASE

PROGRAM/PROJECT OVERVIEW	
Project name	Project to establish a groundwater monitoring network in the four basins of Bandama, Sassandra Comoé and Cavally
Location (Country, Region, Coordinates)	Ivory Coast
Sub-Sector (Water Supply, Sanitation, Irrigation, Flood Management, etc.)	IWRM
Project description (Goals and expected outcomes)	<p><b>Overall objective:</b> Protect human health, preserve aquatic ecosystems and ensure sustainable management of water resources</p> <p><b>Specific objectives:</b></p> <ul style="list-style-type: none"> <li>- Strengthening the piezometric network</li> <li>- Establish a water quality measurement network,</li> <li>- Harmonize measurement methods,</li> <li>- Strengthen the capacities of beneficiary staff on methods and techniques for controlling water quality</li> </ul> <p><b>Expected results 1:</b> A basic quality monitoring piezometric network is installed and operational, allowing the correct assessment and monitoring of water quality is operational.</p> <p><b>Expected results 2:</b> Water quality control methods are improved and, above all, standardized according to internationally recognized standards and methods and in accordance with new water quality standards.</p> <p><b>Expected results 3:</b> New water quality control and analysis laboratories are installed</p> <p><b>Expected results 4:</b> The relevant staff are well trained and in sufficient numbers</p>
Technological details/innovation	<ul style="list-style-type: none"> <li>✓ Multi-parameter intelligent sensor equipment)</li> <li>✓ IoT (Internet of Things) technology</li> <li>✓ Molecular analysis technologies</li> <li>✓ Artificial Intelligence and Big Data</li> </ul>
Governance improvements / innovation	Consultation with the various organizations in charge of monitoring networks, for better coordination and information
IMPLEMENTATION & KEY PLAYERS	
Lead institution	Ministry of Water and Forests
Implementing agent(s)	DGRE/ONEP/CIAPOL/Ministry of Health
Sponsors / Investors / Contractors / Advisors	TFPs in the water sector in Ivory Coast
PROJECT TIMELINE & DEVELOPMENT STAGE	
Year of preparation, estimated start & end dates	Two years between 2026 and 2027
Current development stage	Studies on monitoring available groundwater resources
PROJECT RATIONALE & STRATEGIC IMPORTANCE	
Alignment with national/regional plans, SDGs, Agenda 2063	<ul style="list-style-type: none"> <li>✓ NDP 2025-2030</li> <li>✓ Water Code 2023</li> <li>✓ Strategic Water Security Plan</li> <li>✓ SDG 6</li> </ul>
Contribution to NDC's and alignment with NAPs / Adaptation and Mitigation measures	– Improving the resilience of populations to climate change, by providing safe water
Paradigm shift potential (scalability, replicability, policy or behavior change)	– Access to quality water according to current standards is a right enshrined in the 2023 Water Code

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	<ul style="list-style-type: none"> <li>– knowledge of water quality is an integral part of water management (currently dominated by quantity)</li> </ul>
<b>FINANCIAL &amp; INVESTMENT DETAILS</b>	
Total project cost, currency	5 million USD
Funding already raised (amount & sources)	To search for
<b>INVESTMENT ASK &amp; WAY FORWARD</b>	
Remaining investment required: project component & type (Loan/Equity/Grant/Guarantee/insurance)	<ul style="list-style-type: none"> <li>– <b>Component 1:</b> Implementation of the basic network for monitoring groundwater resources (8 piezometers equipped with automatic probes with Data Logger, and accompanied by 8 multi-parameter probes: 100% Loan</li> <li>– <b>Component 1:</b> Installation of 4 water quality analysis laboratories equipped with adequate equipment: 100% Loan</li> <li>– <b>Components 2:</b> Capacity building, training and advisory support for the control and operation of the monitoring system: 100% Loan</li> <li>– <b>Component 3:</b> Project management: 50% State and 50% Loan</li> </ul>
Opportunity for bundling with other projects (Y/N, date)	Yes: Strategic Water Security Plan
Next steps	<p>Technical and environmental studies are available. The following steps are:</p> <ul style="list-style-type: none"> <li>– Study of optimal networks for implementing the tracking network</li> <li>– Preparation of DAO/specifications and recruitment of companies</li> <li>– Execution of works</li> <li>– Implementation of the capacity building component</li> </ul>
<b>RISK MANAGEMENT</b>	
Main risks & mitigation measures (Political, Legal, etc.)	<ul style="list-style-type: none"> <li>– Main Risk: Low capacity of actors</li> <li>– Mitigation measures: Rstrengthening the skills of both engineers and technicians in sampling procedures, field analysis and data processing</li> </ul>
Constraints or bottlenecks to finance	Publicly funded project, with little opportunity for private participation
<b>CONTACT INFORMATION AND CONSENT</b>	
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