

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 strengthen the national water quality observation and monitoring network
Location (Country, Region, Coordinates)	Ivory Coast
Sub-Sector (Water Supply, Sanitation, Irrigation, Flood Management, etc.)	IWRM
Project description (Goals and expected outcomes)	<p>Overall objective: Contribute to sustainably improving the quality of water resources to protect public health, preserve aquatic ecosystems and reduce sources of anthropogenic pollution.</p> <p>Specific objectives:</p> <ul style="list-style-type: none"> - Establish the Central Water Quality Monitoring Laboratory - Establish a pilot network for monitoring the waters of the EBRIE lagoon system. - Assess the water quality of the six main rivers of Côte d'Ivoire (Comoé, Bandama, Sassandra, Cavally, Niger, Volta rivers) <p>Expected result 1: The LCE is installed and operational</p> <p>Expected result 2: The resource pollution indicators are defined, the short-term alert is defined and the binding regulations on ICPE discharges into the lagoon system are adopted.</p> <p>Expected result 3: Water quality monitoring is carried out on all 6 main rivers in Côte d'Ivoire.</p>
Technological details/innovation	<ul style="list-style-type: none"> - Smart building - Intelligent multi-parameter sensor equipment) - IoT (Internet of Things) technology - Molecular analysis technologies - Artificial Intelligence and Big Data
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)	General Directorate of Water Resources/CIAPOL
Sponsors / Investors / Contractors / Advisors	TFPs in the water sector in Ivory Coast

PROJECT TIMELINE & DEVELOPMENT STAGE

Year of preparation, estimated start & end dates	4 Years between 2027 and 2030
Current development stage	Identification studies available

PROJECT RATIONALE & STRATEGIC IMPORTANCE

Alignment with national/regional plans, SDGs, Agenda 2063	<ul style="list-style-type: none"> ✓ NDP 2025-2030 ✓ Water Code 2023 ✓ Strategic Water Security Plan ✓ SDG 6
Contribution to NDC's and alignment with NAPs / Adaptation and Mitigation measures	– Improving the resilience of populations to climate change, by providing safe water

AU-AIP AFRICA WATER INVESTMENT SUMMIT 2025

13 - 15 August 2025
Cape Town, South Africa



AU AIP WATER INVESTMENT SUMMIT: PROJECT SHOWCASE

Paradigm shift potential (scalability, replicability, policy or behavior change)	<ul style="list-style-type: none"> – The protection of water resources and the monitoring of water quality according to current standards is a right enshrined in the 2023 Water Code. – knowledge of water quality is an integral part of water management (currently dominated by quantity)
FINANCIAL & INVESTMENT DETAILS	
Total project cost, currency	18 million USD
Funding already raised (amount & sources)	To search for
INVESTMENT ASK & WAY FORWARD	
Remaining investment required: project component & type (Loan/Equity/Grant/Guarantee/insurance)	<ul style="list-style-type: none"> – Component 1: Setting up of the central Water laboratory: 100% Loan – Components2: Monitoring the quality of the waters of the lagoon system EBRIE.: 100% Loan – Components2: Follow-up of the quality of the waters of the six main rivers of Côte d'Ivoire: 100% Loan – Components3: Capacity building for the control of water quality monitoring systems: 100% Loan – Component4: Project management: 50% State and 50% Loan
Opportunity for bundling with other projects (Y/N, date)	Yes: PASEA
Next steps	The next steps are: <ul style="list-style-type: none"> – APD/EIES studies – Preparation of DAOs and recruitment of companies – Execution of works – Implementation of the Capacity Building component
TARGET GROUPS & SOCIAL IMPACT	
<u>Direct beneficiary</u> population per project component (if available, please provide estimated by income status, gender, ethnicity and/or other status, and numbers of each)	The entire national territory
RISK MANAGEMENT	
Main risks & mitigation measures (Political, Legal, etc.)	<ul style="list-style-type: none"> – Main Risk: Low capacity of actors – Mitigation measures: Rstrengthening the skills of both engineers and technicians in sampling procedures, field analysis and data processing
Constraints or bottlenecks to finance	The low financial capacity of beneficiaries Publicly funded project, with the possibility of private participation
CONTACT INFORMATION	
AIP Secretariat	info@aipwater.org