

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	Climate-resilience through enhanced co-production for climate information and early warning systems in Ghana
Location (Country, Region, Coordinates)	Northern Ghana
Involved countries (if regional)	
Sub-Sector	Climate Information and Early Warning Systems (CIEWS)
Project description (Goals and expected outcomes)	Climate resilience through strengthened CIEWS that incorporate co-production; community-level adaptation actions
Technological details/ innovation	<ul style="list-style-type: none"> Strengthened CIEWS (enhanced monitoring, generation and dissemination)
Governance improvements / innovation	<ul style="list-style-type: none"> Incorporating co-production and user requirements into advisory design and dissemination Enhancing forecast-based action
IMPLEMENTATION & KEY PLAYERS	
Lead institution	Ghana Water Resources Commission
Implementing agent(s)	Accredited Entity TBD; Global Water Partnership, Ghana Ministry of Energy - Energy Commission
Sponsors / Investors / Contractors / Advisors	GCF
PROJECT TIMELINE & DEVELOPMENT STAGE	
Year of preparation, estimated start & end dates	Concept Note 2025, likely FP submission 2027, implementation 2028
Current development stage	Concept Note under development
PROJECT RATIONALE & STRATEGIC IMPORTANCE	
Alignment with national/regional plans, SDGs, Agenda 2063	Nationally Determined Contribution SDG 6,7,8,9,13
Contribution to NDC's and alignment with NAPs / Adaptation and Mitigation measures	Nationally Determined Contribution
Paradigm shift potential (scalability, replicability, policy or behaviour change)	Enhancing CIEWS functionality and moving towards forecast-based actions aims to generate a paradigm shift towards anticipatory adaptation rather than reactive responses to climate change. Incorporating communities in the design of CIEWS promotes local ownership
FINANCIAL & INVESTMENT DETAILS	
Total project cost, currency	US\$60M
Funding already raised (amount & sources)	N/A (Concept Note)
Proposed revenue model	Grant
Financial metrics (IRR, Payback Period,	N/A

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DSCR, NPV) available? Y/N, date									
Economic performance (Benefit-Cost Ratio) Y/N, date	N/A – investments in CIEWS show potential benefit/cost ratios of up to 10:1								
INVESTMENT ASK & WAY FORWARD									
Remaining investment required: project component & type	Grant								
Opportunity for bundling with other projects (Y/N, date)	Y - 2025								
Next steps	Develop concept note and pre-feasibility, identify Accredited Entity and submit to GCF								
TARGET GROUPS & SOCIAL IMPACT									
<u>Direct beneficiary</u> population per project component	Vulnerable communities in Northern and Eastern Ghana. Beneficiary calculation to be determined								
Social & gender impact assessment (Y/N, date)	N, Screening TBD 2025								
Job creation estimate / local economic benefit assessment (Y/N, date)	N								
SUSTAINABILITY & ENVIRONMENTAL ANALYSIS									
Environmental compliance & climate assessment (Y/N, date)	N/A (Concept)								
Environmental impact assessment (Y/N, date)	N/A (Concept)								
ESG performance (Y/N, date)	N/A (Concept)								
Safeguards & community engagement (Y/N, date)	Screening TBD								
RISK MANAGEMENT									
Main risks & mitigation measures (Political, Legal, etc)	<p>A full risk assessment will be undertaken during the development of a funding proposal and feasibility study for the proposed project. At the concept note stage, the following have been identified:</p> <table> <tr> <th>Risk</th><th>Mitigation</th></tr> <tr> <td>Communities are excluded</td><td>Undertake continuous community engagement</td></tr> <tr> <td>Political risk</td><td>Continuous monitoring of political risk</td></tr> <tr> <td>Risk of financial mismanagement</td><td>Implement in accordance with Accredited Entity financial management guidelines</td></tr> </table>	Risk	Mitigation	Communities are excluded	Undertake continuous community engagement	Political risk	Continuous monitoring of political risk	Risk of financial mismanagement	Implement in accordance with Accredited Entity financial management guidelines
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Risk of financial mismanagement	Implement in accordance with Accredited Entity financial management guidelines								
Constraints or bottlenecks to finance	<ul style="list-style-type: none"> Public goods nature of proposed interventions Limited investments into CIEWS Limited financial capacity of government departments Limited capacity to pay by users of CIEWS 								
CONTACT INFORMATION									
AIP Secretariat	info@aipwater.org								