

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	Jafara Solar & Wind Groundwater Project
Location (Country, Region, Coordinates)	Jafara Plain, Northwest Libya and Southeast Tunisia
Involved countries (if regional)	Libya, Tunisia
Sub-Sector (Water Supply, Sanitation, Irrigation, Flood Management..)	Water Access, Renewable Energy, Groundwater Management
Project description (Goals and expected outcomes)	Improve water accessibility by installing solar/wind-powered pumps in pastoral wells; reduce migration, enhance agricultural productivity, promote water sustainability, and support local communities.
Technological details/ innovation	Solar and wind-powered groundwater pumps; off-grid clean energy systems; forest establishment near wells; low-maintenance, scalable technology.
Governance improvements / innovation	Ministry-led initiative engaging local communities; project ownership and co-design.
IMPLEMENTATION & KEY PLAYERS	
Lead institution	Ministry of Water Resources – Libya
Implementing agent(s)	Ministry of Water Resources – Libya, Local Authorities
Sponsors / Investors / Contractors / Advisors	Sponsor: Libya Ministry of Water Resources;
PROJECT TIMELINE & DEVELOPMENT STAGE	
Year of preparation, estimated start & end dates	Project launched in 2018; Concept Note prepared in 2021; Studies pending funding
Current development stage	Seeking Pre-Feasibility and Feasibility study funding
PROJECT RATIONALE & STRATEGIC IMPORTANCE	
Alignment with national/regional plans, SDGs, Agenda 2063	Aligned with SDG 6, 7, 13; Agenda 2063 Aspirations 1, 3, 4, 5, 7, 10; supports AfDB Climate & Green Growth Strategy, Libya Water Sector Strategy, Tunisia IWRM Plan
Contribution to NDC's and alignment with NAPs / Adaptation and Mitigation measures	Reduces emissions via renewables; promotes adaptive water access and climate resilience
Paradigm shift potential (scalability, replicability, policy or behaviour change)	Replicable across North Africa; empowers local communities; scalable green water solution
FINANCIAL & INVESTMENT DETAILS	
Total project cost, currency	1.4 million USD (0.4M for studies, 1M for implementation)

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INVESTMENT ASK & WAY FORWARD	
Remaining investment required: project component & type (Loan/Equity/Grant/Guarantee/insurance)	1.4 million USD needed: 0.4M for feasibility (Grant), 1M for implementation (Grant/PPP)
Opportunity for bundling with other projects (Y/N, date)	Y, aligned with Sahara and regional IWRM projects
Next steps	Secure funding; conduct feasibility studies; prepare implementation and engage partners
TARGET GROUPS & SOCIAL IMPACT	
Direct beneficiary population per project component	Pastoral communities along 15 wells in Jafara Plain; indirect benefit to rural populations at risk of migration
SUSTAINABILITY & ENVIRONMENTAL ANALYSIS	
Safeguards & community engagement (Y/N, date)	Planned with community surveillance programs
RISK MANAGEMENT	
Main risks & mitigation measures (Political, Legal, etc)	Climate risk, maintenance, funding delays; mitigated through use of simple technologies and regional frameworks
Constraints or bottlenecks to finance	Lack of funding for studies; delays in climate financing mechanisms
CONTACT INFORMATION	
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