

DUAL KEY PIPELINE: INVESTING WITH IMPACT

Clean Energy Investment Teaser



ANDOYA SMALL HYDRO ELECTRIC POWER (AHEPO) - TANZANIA

The AHEPO project is located at Lifakara Village in Mbangamao waterfalls along Mtandasi river in Mbinga district, Ruvuma region, South West Tanzania. The UNCDF involvement started during Phase II of the expansion of the project, with the aim of adding new structures and machinery to attain the full generation capacity of 1.0KW.

Location: Mbinga district, Ruvuma, Tanzania

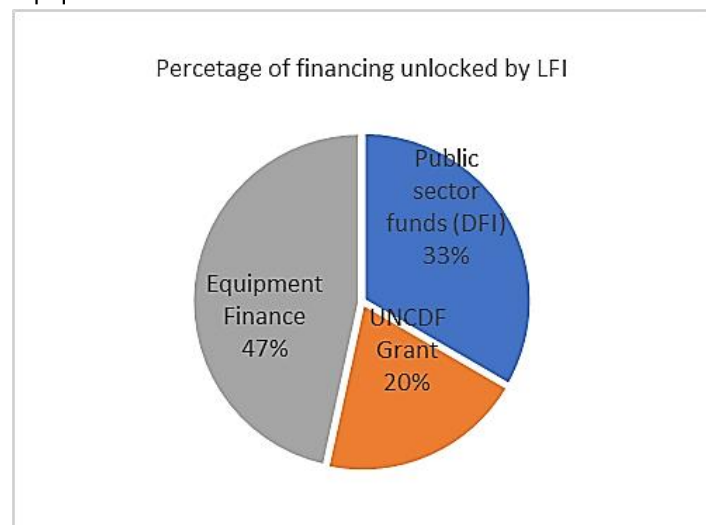
Project Cost: 863,000 USD (Expansion phase II)

Development Impact: Rural electrification; Industrialization; social, economic and environmental impact

UNCDF Support:

- Technical Assistance - undertook full due-diligence, structured the investments, assessed the development impact and the financial impact additionality and sustainability (Dual Key), unlocked additional financial flows to the investment, supported the investments in the implementation phases, advised on performance and impact measurement and reporting
- Catalytic Seed Capital - seed capital investment of 150,000 USD (reimbursable grant)

Additional Financial Leverage unlocked by UNCDF: 47%
Equipment Finance 33% Public Funds



Investment Impact:

Availability of reliable energy have increased connections to 889 households from current 210. Over 380 SMEs, 4 processing plants and 70 public institutions have been connected in Mbinga alone.



Figure: New 500KW turbine awaiting installation at AHEPO @UNCDF

"Three (3) schools in Mbinga have been connected with power from AHEPO. This has resulted into extra curriculum classes for standard VII. The availability of power has enabled teachers to extend to evening classes which have contributed to overall performance in final national exams e.g. Lifakara Primary School has increased its pass mark by 25% from 64% in 2017 to 89% in 2018" Alex Andoya AHEPO Managing Director.



Frank (32) a carpentry store owner in Kilimani village "Having electricity has made my job easier, shortened a distance of about 14 km from the village to Mbinga town to access a carpentry service" @AHEPO hydropower project beneficiary