



LENDER'S TECHNICAL ADVISOR

LENDER'S TECHNICAL ADVISOR FOR DEVELOPING AND CONSTRUCTION OF A 7.95 MW RENEWABLE ENERGY PORTFOLIO MADE UP OF 2.9 MW HYDROPOWER IN LUPONDE, 2.5 MW HYDROPOWER IN LUISENGA AND 2.55 MW WIND POWER IN MWENGA IN TANZANIA

PROJECT:
PORTFOLIO
TYPE:
LOCATION:
CLIENT:
PERIOD:

LENDER'S TECHNICAL ADVISOR FOR DEVELOPMENT AND CONSTRUCTION OF A 7.95 MW RENEWABLE ENERGY
HYDROPOWER AND HYDRAULICS
NJOMBE URBAN AND MUFINDI DISTRICTS, TANZANIAN SOUTHERN HIGHLANDS
EASTERN AND SOUTHERN AFRICAN TRADE AND DEVELOPMENT BANK
2017



PROJECT OVERVIEW



Luponde Hydropower Project is located in the Njombe Region, (Southern Tanzanian Highlands) and is an integrated, private, renewable energy infrastructure project, consisting of two adjacent hydro sites (Igola hydro 2 MW and Luhololo hydro 0.9 MW) totalling 2.9 MW.

Luisenga Hydropower Project is located in the Mufindi District (Southern Tanzanian Highlands). The hydro site utilises the large drop in altitude of the Mufindi escarpment, where the 430m head site generates 2.5 MW of green power.



Mwenga Wind Project has been developed as a private, renewable energy infrastructure project, consisting of a 2.55 MW of wind capacity. The expected maximum energy output of this project is about 7 GWh per annum. The project is located near Usokami village in the Kihansi Basin (Iringa region, Southern Tanzania).

SCOPE OF WORK

Proess conducted due diligence on the entire project portfolio covering environment and social safeguards, geology, hydrology, and civil, electromechanical and wind engineering.

EXPERTISE

- Project Management
- Social Safeguard monitoring
- Hydrology
- Geology
- Civil Engineering
- Electromechanical Engineering
- Wind Engineering

