



SIMU (9.5 MW) HYDRO POWER PROJECT

**ENVIRONMENT AND SOCIAL IMPACT ASSESSMENT (ESIA) AND
RESETTLEMENT ACTION PLAN (RAP) TO GOVERNMENT OF UGANDA
REGULATIONS AND IFC PERFORMANCE STANDARDS (PS) FOR SIMU (9.5
MW) HYDRO POWER PROJECT**

PROJECT: ENVIRONMENT AND SOCIAL IMPACT ASSESSMENT (ESIA) AND RESETTLEMENT ACTION PLAN (RAP) FOR
SIMU (9.5 MW) HYDRO POWER PROJECT
TYPE: ENVIRONMENT AND SUSTAINABILITY
LOCATION: BULAMBULI, UGANDA
CLIENT: AURECON SOUTH AFRICA/RESPONSABILITY
PERIOD: MAY 2017 - JAN 2018



PROJECT OVERVIEW

The proposed Simu Hydropower Project will be located in Bulambuli District, in the Eastern region of Uganda. The Hydropower Plant will have a capacity of 9.5 MW and abstract water from Simu River with an intake at an elevation of 1624 masl and conveyed via a 2m wide box canal [above ground] to a forebay at an elevation of 1620 masl.



SCOPE OF WORK

Aurecon South Africa was appointed by responsAbility Renewable Energy Holding to provide professional services for a Bankable Feasibility Study including an Environment and Social Impact Assessment and Resettlement Action Plan for the proposed Simu Hydropower Project. In turn Aurecon sub-contracted Proess who carried out the services below.

SERVICES CONDUCTED

- Climate Change Assessment
- Water Quality Assessment
- Air Quality and Noise Assessment
- Geotechnical Investigations
- Environmental Flow Assessment

Biodiversity Assessment

- Terrestrial ecology (fauna and flora) including vegetation and protected species
- Aquatic environment including benthic communities and fisheries.

Physical Cultural Heritage Resources Assessment

RAP Due Diligence and Detailed Surveys including:

- Community Sensitisation and Consultation
- Cadastral Survey
- Property Inspection and Asset Valuation
- Socio-economic Assessment
- Gender Balance Participation
- Vulnerability Assessment
- Development of Grievance Mechanism

Livelihood Restoration Planning

Compensation and Resettlement Planning

Stakeholder Engagement

RAP Documentation and Reporting

