**Project Summary**

**Project Background**
Access to renewable and environmentally friendly energy sources and the efficiency of energy use in Uganda are inadequate. There is a lack of institutional capacity and efficiency of government and private structures in the energy sector in order to initiate fundamental reform processes and sustainable broad changes.

**Project Objectives**
The aim of the program is to increase the benefit of population and economy of modern and efficient energy services. The program consists of the components "Energy policy advice", „Rural Electrification", "Dissemination of modern biomass energy technologies" and "Energy efficiency".

**Project Results**
INTEGRATION has provided short term consulting services (see section “services provided”) and thereby contributed to the achievement of the intended project results in the following two sectors of the overall PREEEP:

A. Sector Rural Electrification:
- Further development of the project activities in the field of small hydro power in terms of technical aspects for the construction of a small hydropower plant, as well as in terms of activities to encourage private developers of hydropower plants (<1MW); conceptualization of a scaling-up strategy for micro hydro projects (<5 kW).
- Improve the training of solar technicians at various levels.
- Development and implementation of strategies for business development services in the course of promoting productive use of electricity.

B. Sector Education / Vocational Training / Human Resource Development:
Creation of a concept for the implementation of a nationwide education campaign on climate change, EE and RE in Ugandan schools and educational institutions; development, deployment and delivery of materials and exhibits. Implementation of staff development activities relating to energy-specialist, methodological and other transferable skills.

**Services Provided**
- Development of a training concept and material for operation and maintenance (O&M) of pico hydropower schemes; technical assessment and replacement of equipment at pico hydropower scheme Okabi;
- Support to review of Assessment and Training Package (ATP) for solar technicians;
- Implementation of technical wiremen training involved in village electrification; supervision/assessment of quality of electrical installation at various project sites;
- Planning and implementation of the energy and climate change education and awareness campaign “Energy ExplorerZ”:
  - development of teaching and technical material for vocational schools;
  - development of a fundraising strategy and assistance in the elaboration of a brochure for the campaign;
  - design and supervision of the installation of solar systems on the campaign trucks and training on O&M for local team of the campaign;
  - assistance in the preparation of a teacher’s book on energy and climate change in cooperation with Ugandan teachers and the African book of energy for kids; networking with schools and other development organizations.

**Uganda**

**Promotion of Renewable Energy and Energy Efficiency Programme (PREEEP)**

**Client**
German International Cooperation (GIZ)

**Duration**
12/2011 - 05/2013

**Personnel**
- 5 PM pool of internat. STE
- 2 PM pool of national STE