

# Millennium Challenge Account – Tanzania Starts Implementation of Energy Projects

Following the signing of Implementing Entity Agreement between MCA-T and TANESCO in July 2008, the implementation of the energy projects with support of funding from Millennium Challenge Corporation has started.

The projects include:-

- i. Rehabilitation of Transmission and Distribution Network and Extension of Distribution Systems in Dodoma, Iringa, Mbeya, Morogoro, Mwanza and Tanga regions. The six regions were identified by the Government of Tanzania as priority areas for investment in this category. This activity will address the growing demand and the corresponding strain on the network to deliver reliable and quality power to industrial and commercial users, as well as to households in these regions.
- ii. Development of Malagarasi Small Hydropower Plant (8MW) and power supply to Kigoma, Kasulu and Uvinza towns. This activity seeks to replace costly, inefficient, and polluting diesel power generation with affordable, reliable, and clean renewable small-scale hydropower. The expanded distribution system will also facilitate the electrification of rural villages and towns.
- iii. Construction of the Second Submarine Cable (100MW) to connect power from Mainland Tanzania to Zanzibar. This activity is implemented in collaboration with Zanzibar Electrical Company (ZECO) and includes laying a submarine electric transmission cable from the mainland to Unguja Island, parallel to the path of the existing submarine cable that is reaching its limits in both capacity and lifespan

ESBI International from Ireland which is a Consulting Engineer firm contracted for energy projects is now carrying out the following activities on behalf of MCA-T:-

## 1. SECOND SUBMARINE CABLE PROJECT

### Submarine Survey

From March 2009, ESBI International has conducted *submarine survey* with a special boat called MV Julia. The aim of the activity is to survey the new submarine cable line route and carry out environmental impact assessment underwater. The pictures below indicate part of the on going work.



MV Julia whose experts use to survey area for the new submarine cable that will connect power from Mainland Tanzania to Zanzibar.



Divers on duty



Existing cable (under water pictures)



Sea grass (under water pictures)

### **Stakeholders workshops**

As part of gathering opinions from the communities living along the project areas which are from Ubungo to Ras Kiromoni in Tanzania Mainland and from Ras Fumba to Mtoni

in Zanzibar, two stakeholders workshops were conducted, one in Zanzibar and the other one in Tanzania Mainland.

The workshops also clarified some issues on compensation for the affected people who will be required to resettle to allow construction of transmissions line to the landing stations.

Pictures below were taken during stakeholders meeting in Tanzania Mainland and Zanzibar.



Participants of stakeholders workshop in a group picture at Mazsons Hotel, in Zanzibar



Group discussions during stakeholders workshop held at Jangwani Sea Breeze Resort in Dar es Salaam.

## 2. Malagarasi Hydropower Project

The Consulting Engineer (ESBI) has started doing two main activities for the Development of Malagarasi Small Hydropower Plant (8MW). Firstly is working on preliminary designs of the 27 km long access road to the site and the two bridges required to reach the power plant at the dam site and secondly compiling preliminary report of hydrological and topographical surveys.

Kigoma is one of the regions which have not been connected to the National Grid, nevertheless within the next 4 years residents of Kigoma, Kasulu and Uvinza towns will start enjoying the reliable power supply after completion of this project.



Malagarasi Hydropower Project Site



The team of experts from MCA-T, TANESCO and ESBI in a group picture with Kigoma Regional Commissioner, Col. (rtd) Joseph Simbakalia

Millennium Challenge Account Tanzania manages implementation of Millennium Challenge Compact which was signed by the President George W. Bush and President Jakaya Mrisho Kikwete in 17<sup>th</sup> February 2008.

The US\$698.13 million is a five year grant which complement the Tanzanian government efforts to stimulate economic growth and reduce poverty through investment in infrastructural development in transport, energy and water sectors.