

## **Agricultural Development Adviser**

Kaloko Trust Zambia (KTZ) is keen that the local community derives greater value from the five earth dams built over recent years. One way of doing this will be to develop basic irrigation systems for dry season crops on surrounding land. The Agricultural Development Adviser will research and write a project funding proposal based on their findings and take the proposal up to the funding stage.

From June to August 2008 a UK volunteer visiting Kaloko Trust Zambia carried out detailed research on the use of the earth dams. At the end of her stay at Kaloko she compiled findings and it is these findings that form the basis of the new project proposal for supporting the irrigation of dry season crops.

### **BACKGROUND**

Kaloko Trust Zambia (KTZ) has been supporting rain-fed local agriculture in the Luansobe area since 1998 through the food security programme. During this period KTZ, with the support of Kaloko Trust UK has built four earth dams with a fifth dam earmarked for completion in 2009. In June 2008, Rebecca Zausmer, spent three months at KTZ and carried out a detailed study of earth dam utilisation. The study revealed that the four earth dams are underutilised and that immense potential exists for their development to support irrigation in the Luansobe area.

KTZ plan to develop a programme to support the growing of crops under irrigation at all the five earth dams as way of promoting food security.

This project proposal includes setting up a demonstration irrigation scheme at Mitente earth dam as a pilot. Thereafter the programme would be replicated at the remaining four earth dams located within the Luansobe catchment area. It is proposed that this be a 5-year project beginning in 2010 with a pilot programme, and with full implementation of the main project starting the following year 2011- 2014.

**JOB TITLE: AGRICULTURAL DEVELOPMENT ADVISER**

**DURATION OF ATTACHMENT: 2/3 MONTHS**

### **TASKS:**

- (1) To revive the dam committees and review the existing terms of reference (TOR) for them. This will involve a series of meetings with the respective dam committees. Where such dam committees have ceased to exist form new ones in their place.
- (2) Carry out a capacity building programme for the dam committees. The main focus of the capacity building will be devising an open transparent system of

allocating portions of land to the interested persons. The land involved will be on the sides of the dam, upstream and below the dam.

- (3) Write a narrative project proposal for supporting dry season irrigation of appropriate crops. The crops to be supported will in the first instance be identified and agreed by the dam committees who will act on behalf of the wider community.
- (4) Prepare activity-based budgets for the project proposal to be attached to the narrative.
- (5) Identify other partners to this project and secure in writing their confirmation to participating in the programme. The proposed key stakeholders are: Ministry Of Agriculture and Cooperatives; International Development Enterprise IDE (a Lusaka NGO that promotes low technology irrigation equipment) and Amiran (a private company that sells a range of irrigation equipment).