



## German Agency for Technical Cooperation

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### Terms of Reference for a

### Baseline study determining consumer behaviour with regard to kitchen management and efficient cooking habits

#### 1. Introduction & Background

The Programme for Biomass Energy Conservation (ProBEC) is a GTZ implemented SADC programme funded by Germany and the Dutch Government. The Programme is currently operating in 7 of the SADC countries, with the aim to reduce biomass derived energy consumption and expenditure, particularly by low-income households.

ProBEC wishes to engage in preparatory activities prior to the launch of a full-scale programme of work in South Africa. A baseline study on appropriate kitchen management practices is required, outlining the extent to which households and specifically cooks, implement efficient kitchen management strategies in their daily cooking activities.

The implementation of appropriate kitchen management and energy savings techniques has been identified as a major contributor to energy savings, especially where these techniques are introduced in conjunction with energy efficient devices. ProBEC wishes to commission a consultant to conduct a baseline study on appropriate kitchen management and energy savings techniques.

#### 2. Objectives

A baseline study should be carried out to determine to what extent households practice kitchen and firewood management practices, for example:

- Where and how is firewood stored
- Is a stock of firewood stored in a dry place
- Is there sufficient place to stock firewood in the rainy season
- When food is boiling, is surplus firewood removed
- When firewood is not completely burned after cooking, is it extinguished and used later
- When cooking, is the pot covered with a lid
- Is the heat of the fire monitored during cooking
- Are all ingredients and tools together before the fire is started and cooking commences
- Are ingredients cut into small pieces
- Are beans and other hard food soaked before cooking

- Is the stove used for one continuous longer period of cooking
- Is food cooked in the smallest amount of liquid
- Is the heat of the fire monitored during cooking

### 3. Project Scope

The project scope will include primary data collection through household interviews as well as observation in the field on how households behave, especially during cooking. Collected data must be analysed and reported.

### 4. Project Methodology

The project is envisaged to collect data from a limited number of households in the field.

### 5. Deliverables and Schedule

The reports and presentations will be provided in bound hard copy (5 copies) and editable soft copy formats (Microsoft Word or PowerPoint). The study should be completed within two months of the signing of the contract.

### 6. Enquiries on the scope of the study

Please address all enquiries on the scope and extent of the study to Teri Kruger, National Coordinator: South Africa in writing to [Gerebreg.kruger@gtz.de](mailto:Gerebreg.kruger@gtz.de).

### 7. Financial and Technical Proposal Guidelines

The deadline for receipt of proposals is close of business **Thursday, 20<sup>th</sup> March 2008**. The deadline for completion of the work is **20 May, 2008**.

A technical as well as a financial proposal must be prepared and **submitted separately** in separately market envelopes

All proposals must be submitted to GTZ Pretoria (**2 hard copies** and an **electronic version on cd**). Mark the envelope as follows:

1. ATTENTION: Ms Ulrike van Aswegen  
ProBEC Kitchen Performance Baseline Study  
TECHNICAL PROPOSAL

2. ATTENTION: Ms Ulrike van Aswegen  
ProBEC Kitchen Performance Baseline Study  
FINANCIAL PROPOSAL