

## Project Partners



## STEPs Project Website

[www.stepsproject.net](http://www.stepsproject.net)

## STEPs Project Blog

[www.stepsproject.wordpress.com](http://www.stepsproject.wordpress.com)



## STEPs

Sustainable Thermal Energy  
Service Partnerships

**Funded by:**



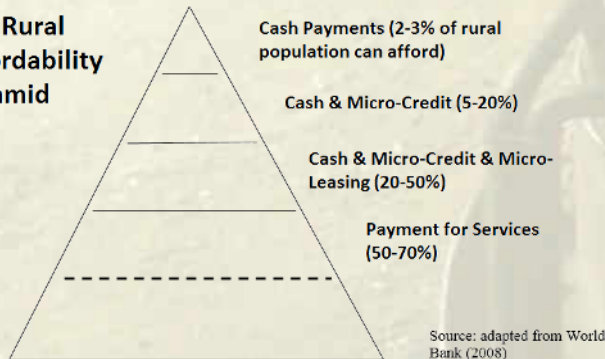
**2013—2016**

## The Project

The provision of clean, sustainable thermal energy services in developing countries is an area so far neglected by the body of academic work and the international development community. It is projected under the current policies scenario that more than 2.6 billion or same as the present people will remain without such services by 2030.

The STEPs project is studying the existing experience in providing thermal energy for cooking, space heating and sanitation using different approaches, particularly the “fee-for-service” business model, where consumers pay a monthly fee for the energy services delivered to them.

### The Rural Affordability Pyramid



***STEPs is developing a sustainable, pro-poor public-private partnership model, that is robust and replicable in differing country contexts.***

#### 1. Baseline Knowledge

Literature reviews, comparative research, and phone interviews with rural energy, rural business, PPP experts and practitioners.

#### 2. Background Study

Policy and regulatory review, operational framework analysis, institutional analysis, case studies of Lesotho and Kenya context, necessary PPP framework feature assessment.

#### 3. Design of the STEPs model

Develop the STEPs public-private partnership model in collaboration with target governments and private sector partners.

#### 4. Develop the STEPs toolkit

Develop and implement a toolkit for social entrepreneurship for thermal energy services in developing countries, including documentation, models, and network support.

#### 5. Knowledge Transfer

Conference attendance, transferring the pilot project model to Lesotho and Kenya for replication, and use of project results to influence global energy access policy, and policy in other selected Africa countries.

## Project Objectives

The project has five main objectives:

- Contribute significantly to the under-developed research area of thermal energy service provision,
- Develop the Sustainable Thermal Energy Service Partnership model for providing thermal energy services in rural areas of developing countries,
- Develop the STEPs toolkit to support the model, for promoting social entrepreneurship for thermal energy services in developing countries, including network and documentation support,
- Influence global public policy on rural energy in a number of African countries based on the STEPs pilot.

### Outputs and Current Work

- Business Models for Off-Grid Electricity and Lessons for Thermal Energy (UCL)
- Case Studies on PPP Frameworks based on Energy Sector Experience in Sub-Saharan Africa (Restio)
- Business Models for the Delivery of Modern Thermal Energy Services—The Case of Ghana and Tunisia (Econoler)
- Rural Business Models in Asia—A Literature Review (SEA)