

## DEA Regional Workshop:

Arusha, Tanzania, 16-18 October 2007



## Development and Energy in Africa

Access to energy is an essential input in the process of development and poverty alleviation. Better understanding of development-poverty-energy linkages, and embodiment of this knowledge in an operational tool, can contribute to increasing the development and poverty alleviation impacts of energy interventions. DEA has developed an Assessment Framework (AF) to identify and quantify the outcomes and impacts of energy projects, in collaboration with centres in six African countries (Botswana, Ghana, Mali, Senegal, Tanzania and Zambia).

DEA works closely with the International Monitoring and Evaluation for Energy and Development (M&EED) Group established by GVEP, EUEI, UNEP, DFID, GTZ and other institutions. The AF uses a 4-level causal chain approach to structure the energy intervention in terms of inputs, outputs, outcomes and impacts. Indicators are selected at each level and the assessment process identifies appropriate sources and methods to evaluate the indicators.

Six case studies have been carried out in the participating countries, comprising:

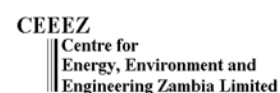
- rural electrification by grid connection (Botswana and Ghana)
- rural electrification by solar ESCOs (Zambia)
- solar water pumping and agriculture (Tanzania)
- renewable energy for women (Mali)
- improved cookstoves and sustainable forestry (Senegal)

The Arusha Workshop is the final event in the 30-month DEA project which started in 2005. The workshop's purpose is to present and discuss the results of the project in a broader context to stakeholders from the six target countries as well as from other African countries. Representatives of bilateral and multilateral donors, NGOs, and participants in other COOPENER projects in Africa are also encouraged to attend.

### Preliminary Programme

#### Day 1: Tuesday 16 October

08:00 – 09:00	Registration	
09:00 – 10:00	Official opening	<i>Ministry of Energy, Tanzania</i>
10:00 – 10:30	Introduction: The DEA project	<i>Gordon Mackenzie (Risø)</i>
10:30 – 11:00	Keynote paper: The links between energy and development	<i>speaker to be announced</i>
11:00 – 11:30	M&E of energy projects: the DEA Assessment Framework (AF)	<i>Sten Dieden (Risø)</i>
11:30 – 12:30	Breakout groups: How are energy and development linkages perceived and documented in our countries?	<i>Facilitated group discussions</i>
12:30 – 14:00	lunch	
14:00 – 15:00	The DEA Case Studies – summary presentation	<i>Peter Zhou (EECG)</i>
15:00 – 15:30	Coffee	
15:30 – 17:00	Incorporating M&E of energy projects into everyday routines	<i>Facilitated plenary discussion</i>
17:00	Close of Day 1	



**Day 2: Wednesday 17 October**

09:00 – 09:30	Keynote paper: Monitoring men and evaluating women - gender considerations in M&E	<i>Wendy Annecke (Gender and Energy Research and Training, South Africa)</i>
09:30 – 10:30	Electrification projects: Botswana, Ghana, Zambia	<i>Peter Zhou (EECG), Solomon Quansah (KITE), Lilian Zulu (CEEEZ)</i>
10:30 – 11:00	Coffee	
11:00 – 12:00	Rural electrification experience: presentations from other countries, productive uses of electricity, M&E, development impacts, policy issues	<i>Facilitated plenary discussion</i>
12:00 – 13:00	Woodfuel Projects: Senegal and Tanzania	<i>Sécou Sarr (ENDA), Emmanuel Michael (TaTEDO)</i>
13:00 – 14:00	lunch	
14:00 – 18:00	Excursion: visit to local energy projects	<i>Facilitated by TaTEDO</i>
19:00	Conference Dinner	

**Day 3: Thursday 18 October**

09:00 – 10:00	Renewable energy projects: Mali and Tanzania	<i>Pierre Dembele (MFC), Emmanuel Michael (TaTEDO)</i>
10:30 – 11:00	Coffee	
11:00 – 12:00	1. How does evidence on developmental impacts influence and affect policy? 2. Application of DEA AF / M&E in participating countries?	<i>Facilitated group discussions</i>
12:00 – 12:30	Reports from groups	<i>Facilitated plenary discussion</i>
12:30 – 14:00	lunch	
14:00 – 15:00	DEA follow-up: a regional M&E initiative	<i>Sten Dieden (Risø)</i>
15:00 – 15:30	Coffee	
15:30 – 16:30	DEA follow-up: a regional M&E initiative (continued)	<i>Sten Dieden (Risø)</i>
16:30 – 17:00	Conclusions of the workshop	<i>Gordon Mackenzie (Risø)</i>
17:00	Close of workshop	

For further information on DEA at Arusha October 2007, please contact Gordon Mackenzie at Risø or any of the African project partners. Information on DEA, the project partners, the Assessment Framework and the case studies are to be found at [www.deafrica.net](http://www.deafrica.net)

UNEP Risø Centre for Energy, Climate Change and Sustainable Development  
Systems Analysis Department  
Risø National Laboratory  
Technical University of Denmark (DTU)  
DK 4000 Roskilde, Denmark  
Tel: +45 46 77 51 71  
Fax: +45 46 32 19 99  
[gordon.mackenzie@risoe.dk](mailto:gordon.mackenzie@risoe.dk)