



AIDE – MÉMOIRE

VALIDATION WORKSHOP: PROMOTION OF BIOETHANOL AS CLEAN ALTERNATE FUEL FOR COOKING IN TANZANIA



26 July 2016

DAR ES SALAAM, TANZANIA

ORGANIZED
In collaboration with
The Government of the United Republic of Tanzania

Date: 26 July 2016 at Protea Hotel Courtyard, Dar Es Salaam, Tanzania

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1.0 BACKGROUND

In the sub-Saharan African region, it is estimated that more than 500 million people have no access to modern energy services. This fact is true for approximately 2.9 billion people in the world who rely mainly on smoke and soot producing cookstoves and solid fuels (including fuelwood and charcoal) as well as kerosene for cooking. The majority of those using these appliances are women and young girls. Studies indicate that Indoor Air Pollution (IAP), from cooking with these type of solid fuels, is the fourth leading cause of deaths (4 million a year) in the world.

In East Africa, in general, rural populations remain at high risk to the effects of Indoor air pollution due to the wide spread and inefficient use of traditional biomass fuels such as wood and charcoal for cooking purposes. In the case of Tanzania, Biomass accounts for 85 percent of the total energy consumption in the country while access to electricity is around 24%. Due to low purchasing power on the part of the majority of the population and perceived relatively lower cost, traditional biomass fuels are the preferred choice of cooking fuel in both urban and rural areas. Urban areas are responsible for consumption of most of the charcoal produced in the country and, Dar es Salaam city alone is said to consume around half of the charcoal produced in the country. This has helped to fuel the rampant deforestation that is now being witnessed in several parts of the country. Estimates now indicate that Tanzania is losing around 372,000 hectares annually to deforestation. The Government of Tanzania has already taken measures to address this problem. This includes the decision by the Vice President's Office – Division of Environment to select the reduction of charcoal consumption in the country as one of the five key national environmental management priority areas to be addressed by 2020. UN member states have recently adopted the 2030 Sustainable Development Agenda with 17 Sustainable Development Goals (SDG). Specifically related to this initiative are the two SDGs that address Modern Energy Access and Climate change: SDG 7 - "ensure access to affordable, reliable, sustainable and modern energy services for all" and SDG 13 – "promote action at all levels to address climate change".

Under the United Nations Development Assistance Plan (UNDAP) Framework 2011-16, UNIDO, in collaboration with the Government of Zanzibar conducted a pilot study involving around 140 households to demonstrate the performance and establish acceptability of bioethanol stoves. The study was done over an 8 week period whereby the households were closely monitored and various information and feedback collected. Ethanol for the pilot study was produced and packaged at the local sugar factory in Zanzibar. A final workshop was held at the end of the study, which involved the participating households. The positive feedback obtained during the study period and at the final workshop, led to a proposal to scale up the intervention and promote the technology both in Zanzibar and on the mainland. Through the GEF Focal Point in the Vice President's Office – Division of Environment, a request has been lodged to the UN Global Environment Facility (GEF) for a project to be

developed under GEF 6th cycle. This validation workshop is being organized to bring together all key stakeholders to review the proposed model for implementing the project and agree on the way forward for promoting an alternate and clean cooking fuel solution in Tanzania.

2.0 WORKSHOP OBJECTIVES

The overall objective of the validation workshop is to obtain consensus of all key stakeholders (Government, private sector ethanol and ethanol-based cookstoves producers and distributors and the beneficiaries) on the proposed model for providing a clean cooking alternative fuel for at least 500,000 households in the country, over a period of five years.

2.1 Specific Objectives the Workshop:

1. Create a better understanding amongst key partners and stakeholders on project goals, roles and responsibilities of the various actors (including Government, Private sector, Academia, NGOs);
2. Outline the strategy/business model for creating maximum impact through the intervention;
3. Create the basis for an information sharing network to keep stakeholders informed on project progress.
4. Collect any additional information to help refine the GEF 6 CEO document.

Expected outcome of the workshop:

Expectation is an agreed upon viable business model and implementation strategy to effectively promote ethanol as a clean cooking alternative in Tanzania.

3.0 ORGANIZATION OF THE WORKSHOP

The Workshop is organized as a joint initiative of UNIDO, Division of Environment– VPO and the Ministry of Energy and Minerals of Tanzania

4.0 PARTICIPANTS

Targeted participants are key stakeholders from the Government, Private sector including existing and potential ethanol producers and distributors, existing and potential Distributors of ethanol cookstoves, Resource persons, relevant Research institutions, and other selected key actors.

5.0 INQUIRIES

All correspondences and inquiries related to this meeting should be addressed to:

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6.0 BASIC INFORMATION FOR PARTICIPANTS

Date and Venue

A workshop will be held on 26th July, 2016, at Protea Hotel Courtyard, Dar es Salaam, Tanzania.

Documentation

The documents available during the event will be:

- Aide Memoire and programme
- List of participants
- Collection of presentations

Meeting Language

The workshop will be conducted in English.

Annex 1

	Draft Agenda for Bioethanol Promotion project validation workshop 26 July, 2016	
Opening session		
9:00 – 9:30 a.m.	Arrival and Registration of Participants	UNIDO
9:30 – 9:40 a.m.	Introductory Remarks	UNIDO
9:40 – 9:50 a.m.	Opening Remarks	VPO-DoE

9:50 – 10:00 a.m.	Introduction to the project and purpose of the workshop	Jossy Thomas
10:00 – 10:30	Coffee Break	
Presentation Sessions		
10:30-10:50 a.m.	Climate Change and Deforestation challenges in Tanzania	VPO - DoE
10:50 – 11:10 a.m.	Sustainable Energy for All initiative and the challenge of Access to clean cooking fuels in Tanzania	Min of Energy and Minerals
11:10 – 11:25 a.m.	Bioethanol Competitive industry in Tanzania	Anselm Mushi TIRDO
11:25 – 11:55 a.m.	Presentation of the Promotion of bioethanol as a Clean Alternative Fuel for cooking - GEF CEO document	UNIDO
11:55 – 12:15 a.m.	Open Discussion on GEF CEO Document	All Participants
12:15 – 12:25 a.m.	Conclusion and Wrap up	UNIDO/VPO-DoE
12:25 – 13:30	Lunch	
	End	