

AN OVERVIEW OF TRENDS IN IMPROVED COOK STOVE PRODUCTION AND DISSEMINATION IN UGANDA

by Sizoomu George

George @racelluganda.net

Mobile +256 772 614499

Bio mass Energy Technology Association(BEETA)

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Uganda context

Uganda is a land locked country in east Africa of over 30 million people with a GDP annual growth of about 6%

The investment climate is good considering the establishment of the East African parliament

There is however a growing disparity between the rich and the poor as a result of climate change and global funding gaps

The Uganda financial sector is made of three categories of institutions, commonly referred to as the formal, semi formal and informal

The plight of Ugandans in the semi formal and informal sectors depend on devices that save on their incomes for lighting and heating

Situation analysis

INITIATIVE OF THE STAKEHOLDERS:

- ▶ Government initiative to replace the three stone fire in households and institutions through household surveys(1989,2004,2007,2008,2010)
- ▶ Stakeholder partnership with GIZ,UNDP/GIVEP environmental alert Bank of Uganda finca bank
- ▶ Establishment of a renewable energy agency and a department of renewable energy within the ministry of energy and minerals
- ▶ Recent surveys reveal that 25% of homes and 15% of household outside Kampala use improved charcoal stoves
- ▶ The inter university council for East Africa is promoting researchers in Uganda, Kenya and Rwanda to investigate on the adoption of gasification technology for modern energy production in the lake Victoria basin

According to almost three decades of experiences ,household energy intervention should be based be based on the following

- a) Policy and strategy development
- b) Scaling up of improved cooking technologies(i.e stoves and techniques
- c) Increase sustainable cooking fuel supply and enabling fuel switch

However it is important to establish a strong baseline data for monitoring and evaluation process of improved stove projects whether related to carbon finance or not

Activities targeting stove users ,decision makers and stove producers are critical

- ▶ Lack of institutional frame work and proper policy for promotion and development of small scale enterprises
- ▶ Absence of development finance besides working capital finances
- ▶ Lack of foreign exchange to import machinery tools and other inputs instead of depending on scrap metal and artisans in the informal sector.
- ▶ Stove testing initiatives have not made impart on the quality of improved stoves on the market

Developments:

Uganda national energy development organization UNEDO 1997 led the way to keep energy non government organization(KENGO) in initiating stove production through training of trainers and advancing advocacy and employment of the private sector participation Uganda renewable energy association focused more on solar dissemination and did not attract the biomass stove producer since it was ranked high technology others stakeholders that made impact in the dissemination of stove include renewable wood energy program association(RWEPA) started by Dominic Walubengo and AFREPEN authored by Stephen Karekezi

BEETA is the bridge the gap between the current and defunct renewable energy association improved stoves program issues

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Research and development

- ▶ There is need to link researched technology to the need and cultural, economic needs of the end users
- ▶ There is need to transform upscale ceramic stoves production of stoves in order to reduce on the dependency on sheet metal which increasingly makes stoves more expensive
- ▶ Research and publication teams should be formed in order to enhance up-to-date technology links and participation

Conclusion:

- ▶ Voluntary carbon markets are relevant to Uganda in order to mitigate demand and supply of relevant inputs in order to sustain the rate of depletion of forests that provide charcoal and fuel wood for the improved stove devices.