



ACP - EU Energy Facility
Monitoring

Thematic Session – Biomass, Biofuels and Energy Efficiency



Introductions to the thematic session

Guest Speakers:

- Biomass: Kavita Rai, GVEP International, *“Developing Energy Enterprises Project (DEEP) East Africa”*;
- Supply side: Mone Van Geit, WWF-Be, *“Eco Makala - Viabilisation durable de l'approvisionnement en bois-énergie des populations rurales riveraines de la ville de Goma »* ;
- Stoves: Joseline Namara Kwesiga, GIZ, *“Providing Access to Modern Energy in Northern Uganda – PAMENU”*

Moderator:

- Nicolas Lambert, *DG Development Cooperation, Energy Unit*

Rapporteur:

- John Auguste, Ministry of Finance/Government of Grenada



Technology

- Scarcity of resources.. Deforestation;
- ID Business opportunities, promote entrepreneurs.
- Impact of Donors contributions/subsidy to mitigate risks.
- Inappropriate/ inapplicable technologies.
- Need for the creative/innovative involvement of engineers to upscale related products (stoves, etc).
- To change business-as-usual it takes time, (overcome the NGO mentality, Give-aways, Subsidy, etc.)
- Need for Quality Control of the related products.



Technology (Cont'd)

- ID Market opportunities, established profiles and baselines.
- Need to balanced health, pollution, environment etc., vis-a-vis the cost\$ of stoves.
- Learning from the experiences of other programs in different regions.



Ownership

- Financial contribution of the beneficiaries
- Producers should work for their own benefits.
- Response to and the satisfaction of basic needs.
- Time to rethink the approach to implementing programs, consultations and owners by key stakeholders.



Affordability and tariffs

- The technology must correspond to the purchase power of the 'energy poor';
- Benefits, Savings and Improvements must be visible in a relatively short time;
- Efficiency of the equipment, and a relatively short payback periods, if the micro credits could facilitate such.



Incentives

- Incentives are essential for entrepreneurs,;
- Incentives lead to ownership.
- The person who has the incentive to change behaviour, is not necessarily the one who “holds the purse”.



Recommendations / Strategy

- **PAMENU**
- Uganda Biomass Crisis
- 93% of the national energy consumption is Biomass
- 1995 .. Surpassed the sustainable usage of biomass
- 97% of households use biomass for cooking
- **Summary of Planned Indicators:**
- Type and price of Stoves (Home owner, Apt Tenant, and Bakery)



Recommendations / Strategy

- PAMENU
- Stoves Dissemination Approach
- It is instructive to note that the modern stoves lessened domestic violence, and rebellion at schools.
- Summary of Challenges and Solutions:



Recommendations / Strategy

- Impacts on beneficiaries
- Economy: Employment & Poverty;
- Income
- Quality of Life
- Improved Health
- Environment
- Status of Women Improved.



Recommendations / Strategy

- Summary GIZ Energy programme in Uganda.
- Visit to the West Nile Region
- .WHO Statement



Recommendations / Strategy

- **Questions.**
- What type of stoves were chosen ?
- MUD: ... Very low income SHIELDED
- Noted the building of capacity within the specific villages.
- How do you differentiate the domestic stoves from the commercial?.. The later is used in the restaurants.



Recommendations / Strategy



Recommendations / Strategy

- Noted the 2 Case Studies of successful entrepreneurs
- GVEP in Action; have used some entrepreneurs as trainers.
- Feedstock= Charcoal dust & cassava, soil for binding & agricultural waste;
- Cost of US\$0.20/kilo. Vis-a-vis US\$300/Ton Charcoal.
- The demand to briquettes have been increasing considerably.
- GVEP haven conducted any imperial test of briquettes use in stoves.



Recommendations / Strategy

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