



**NGO EXPERIENCES –  
 LINKING SUSTAINABLE ENERGY TO  
 POVERTY ALLEVIATION - SITUATION IN  
 UGANDA**

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**INFORSE- AFRICA**

*INFORSE-WECF Side Event of UNFCCC COP15, Copenhagen:  
 200 NGOs in Action in Asia & Africa for Sustainable Energy*  
 Monday, 14 December, 2009, 16:30 - 18:00  
 Bella Center, Niels Bohr Room

The Side Event organised by  
 International Network for Sustainable Energy (INFORSE)  
 Women in Europe for Common Future (WECF)  
 Read more on INFORSE's participation at UNFCCC COP15:  
[http://www.inforse.org/europe/conf09\\_COP15.htm](http://www.inforse.org/europe/conf09_COP15.htm)



**Overview of Uganda**

**Selected indicators**

- ❑ Area- 236,040 Km<sup>2</sup>
- ❑ Population 29.6 mi
- ❑ GDP per Capita (US\$): 370



**Energy Situation in Uganda**

- ❑ Low per capita consumption of modern energy sources
- ❑ Majority of Population depend on wood fuel for cooking, kerosene for lighting and human energy for agriculture and transport activities
- ❑ Biomass, particularly wood fuels constitute about 90 % of the total energy consumption
- ❑ Only 10 % of the energy consumed is met from other sources such as fossil fuels, grid and non grid electricity



**Energy Situation Cont'**

- ❑ The use and production of wood fuels is dominated by inefficient technologies
- ❑ Dependence on human and biomass energy is greatly contributing to poverty and environmental degradation
- ❑ National electrification levels: Urban: 10% , Rural 1%

**Impact of Low Access to Modern Energy Services**

- ❑ Trap people in poverty
- ❑ Damages peoples health, especially women/children (smoke, overwork )
- ❑ Damages the environment i.e. forest depletion
- ❑ Denies people access to modern technologies and appliances (i.e. TV, computer, refrigerator, mobile phones etc).

**NGO Interventions on sustainable energy**  
 Training on construction of efficient energy technologies






**Efficient use fuel wood technologies**  
**Technologies Promoted**



Charcoal baking oven



Baking by charcoal oven



Half Orange Kiln



Charcoal barbeque



Portable Fuel wood stove

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**Technologies Promoted Cont'**



Solar multi chargers



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**Some ideas**

- Need to invest More in Decentralized Energy Systems
- Policies to Accelerate Rural Energy Initiatives Should Be Directed at Economically Productive Activities and Small-Scale Enterprise Development
- The Government Should Work With Financial Institutions to Develop New and Innovative Financing Models for Energy

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**Thank You**

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