

Policy Dialogue & Sustainable Energy

Sustainable Energy in Kenya: An Overview - The Good, The Bad & The....

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The Good

**1981 : The First
International
Conference on New
and Renewable
Energy Conference -
Nairobi...history in
the making**



The Good (cont)

Did you know that...

- More improved charcoal stoves have been produced & sold in Kenya since 1985 than any other country – saving over 2,500 ha dryland forest per year?
- Kenya has the highest per capita solar home systems than any country in the world?
- Kenya exported 35,000 tonnes of sustainably produced charcoal to Uganda each year from 1960 to 1971?



The Good (cont)

- **Smallholder producers sustainably produce over 50,000 tonnes of charcoal a year?**
- **1 in 6 rural Kenyan households use Kenyan-produced home batteries for light & entertainment?**
- **Over 50,000 homes solar water heating systems have been produced & sold in Kenya since 1981?**
- **Lpg use in Kenyan households increased from 40,000 cylinders in 1996 to over 700,000 today?**



The Good (cont)

Most of these successes have been led by the private sector, Kenya's jua kali sector, with some, but not a lot, government & donor support



The Bad

Did you know that...

- **Only 5% of Kenya's rural households are connected to the grid?**
- **Over 80% of Kenya's households meet most of their energy needs on unsustainable basis?**
- **Charcoal production for urban households reduces Kenya's dryland savannah by over 50,000 ha per year?**
- **Nearly 100% of Kenya's electricity was generated from renewable energy in 1985. today less than 70%?**



Key Issues

How do we...

- **meet Kenya's rural energy needs sustainably – how do we ensure sustainable biomass?**
- **electrify rural Kenya, particularly electricity for productive uses, energy that accelerates Kenya's economic development?**
- **maximise EFFICIENT use of Kenya's renewable energy resources AND use imported resources to optimally accelerate development?**
- **do all of this within a linked, co-ordinated policy framework that maximises the use of Kenya's dynamic human, business and other resources?**

