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Energy Efficiency and CDM in Africa

Global Forum on Sustainable Energy
Panel V: Energy Efficiency and Carbon Finance
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Austrian JI/CDM Programme – Energy Efficiency



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- **The Austrian CDM Purchase Programme is an ambitious player in the global carbon market – ambitious not only in economic terms, but also in a political sense**
- **Promotion of sustainable development is key priority**
- **Favoured project categories include projects that reduce energy consumption in households, public buildings, industrial appliances and processes**
- **Share of energy efficiency projects (EE) in the portfolio of the Austrian Programme still very small**

Possible reasons for lack of EE projects



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- **EE measures in industrial sector very installation specific, hardly reproduceable**
- **EE projects include a bundle of measures**
- **Question of additionality**
- **Relatively high costs for project implementation and CDM related costs compared to annual CER generation**

Austrian Initiative on “CDM in Africa”



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- **Austria recently launched a “CDM in Africa” initiative, with a view to boosting the CDM in Ethiopia, Ghana, Tanzania and Uganda**
- **Our approach is holistic in scope and tries to address all issues – capacity, awareness, technical, methodological and financial restrictions – that are currently impeding the growth of the CDM in Sub-Saharan Africa**
- **Identification of projects through workshops in the four countries (held in summer 2007)**

Activities under the initiative



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Envisaged activities include:

- **Finance the calculation of country emissions factors in the four host countries of the Austrian initiative**
- **Hold project design workshops with a focus on the application of these emissions factors**
- **Support the development of new methodologies for the energy sector**
- **Address financial issues impeding the realisation of concrete projects**

Scope of projects identified



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- **Supply of efficient light bulbs**
- **Efficient charcoal production**
- **Biomass for energy production**
- **Landfill gas for energy production**
- **Small hydro power plants**
- **Afforestation and Reforestation**

Conclusions



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- **Strong barriers to energy efficiency projects under the CDM**
- **Better prospects for energy efficiency under a programme of activities, more easily reproduceable**
- **Market only might not be enough**
- **Efficient (public?) support needed to kick start projects or programmes on energy efficiency**



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