



Organiser & Contacts

Ms. Jennifer McIntosh
International Solar Energy Society (ISES)
Tel.: +49 761 45906-54
Fax: +49 761 45906-99
E-mail: prea@ises.org

South Africa

Dr. Daniel Irurah
University of the Witwatersrand
Tel: +27 11 717 7643
Fax: +27 11 717 7649
E-mail: Daniel.Irurah@wits.ac.za

Tanzania

Prof. Joseph Msambishaka
University of Dar es Salaam
Tel: +255 22 241 0255
Fax: +255 22 221 0752
E-mail: msambichaka@ce.dusm.ac.tz

Uganda

Mr. Mark Olweny
Uganda Martyrs University
Tel: +256 38 241 0611
Fax: +256 38 241 0100
E-mail: molweny@umu.ac.ug

Dates & Locations

Stellenbosch, South Africa:
11 - 13 October 2007
Day 3: Case-Study Visits

Dar-es-Salaam, Tanzania:
15 - 16 October 2007

Kampala, Uganda:
22 - 23 October 2007
followed by workshop with the Commonwealth Associations of
Architects (CAA) 24 - 25 October

Detailed information about each workshop available on the
website.

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<http://prea.ises.org/>

2007 Workshops Improving Access to Sustainable Energy

Meeting energy needs & providing
healthy living conditions using
passive techniques & renewable
energy technologies



Promoting Renewable Energy in Africa (PREA)

PREA is an international co-operation project between African and European Universities and the International Solar Energy Society (ISES). The project is made possible by support from the European Commission

PREA aims to promote the wider use of renewable energy technologies in the urban environment of Africa, in support of poverty reduction, improved living conditions and sustainable development.

The project consists of two series of workshops on the theme "Sustainable and Energy Efficient Building in Africa", the first of which took place in October 2006. The second series will be held in 2007.

Moreover a Master Degree Course in the integration of renewable energy in buildings, designed to suite local climatic, economic and social conditions and allow for exchange and further training opportunities will be introduced by the local partner universities.

Meeting Energy Needs

For many people in Africa the lack of access to energy is a serious issue that needs to be addressed to improve living conditions and opportunities for development.

When considering this issue, and the growing energy demand projected for the African continent, governments, energy providers and other major actors face significant challenges in energy planning and realising sustainable development.

The situation is complicated by the steady migration to cities, in part caused by limited resources available in rural areas, especially housing and energy. Many African governments are turning their attentions to this area, with low cost housing as one solution. However, the efficient use of energy is an important element to be considered to optimize available energy sources, reduce environmental impact and save costs.

Sustainable architecture – a combination of strategies, renewable energy (RE) and energy efficiency (EE) technologies – are effective strategies for meeting these needs. Policies, regulations and standards can support and guide successful implementation of sustainable architecture strategies.

Workshops

In October 2007 workshops will once again be held in South Africa, Tanzania and Uganda, and will explore the role of sustainable energy in meeting the energy needs and providing healthy living conditions using passive techniques and renewable energy.

The workshops aim to:

- Demonstrate the benefits of passive building techniques and integration of renewable energy in buildings, in particular addressing energy-efficiency for low cost housing.
- Address local policy and framework conditions relevant to the urban environment, focusing on low cost housing and the poverty alleviation agenda.
- Transfer know-how, share good practices, identify opportunities for replication.

Target Groups

- Decision makers: local government representatives, municipalities, housing authorities, finance centres, city planners.
- Local professionals: engineers, architects, consultants, property managers.



ISES
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University of Athens
Department of Applied Physics
Laboratory of Meteorology



Uganda
Martyrs
University

