

Building for the future



A United Nations showcase in Nairobi

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" In combating climate change the United Nations should lead by example."

Ban Ki-moon United Nations Secretary-General



foreword

The new office facility in Nairobi, which houses the headquarters of both the United Nations Environment Programme (UNEP) and the United Nations Human Settlements Programme (UN-HABITAT), may well be a first in sub-Saharan Africa.

With 6,000 square metres of solar panels, energy saving lighting, natural ventilation systems and other green features, the office is designed to generate as much electricity as its 1,200 occupants consume.

The logic is simple and compelling: the building sector is the single largest contributor to global greenhouse gas emissions with one third of global energy use taking place in offices and homes – a figure that is set to double by 2030 unless urgent action is taken.

So the design and construction of new buildings – and the refitting of existing ones – represents one of the key, low cost ways of combating climate change while reducing electricity bills and dependence on fossil fuels.

Along with green transportation, buildings are thus a central part of a transition to a Green Economy and a sustainable 21st century.

Our new office building is the result of a committed partnership between the United Nations Office at Nairobi, UN-HABITAT, UNEP, local architects and contractors, and international technology firms.

It is a practical and impressive expression of the United Nations desire to green its operations as part of the Sustainable United Nations initiative.

And as a smart, green building in Africa, the benefits of its 21st century technology for now and the future are a cause for some celebration.

This is a working building but it is also in many ways a research facility and a sustainable building showcase.

We invite other United Nations duty stations, and architects and planners from Kenya, across the continent and beyond, to come, learn and become part of a community that is helping sustainable buildings to play their role in a greener future.

Achin Steins

Achim Steiner Director-General United Nations Office at Nairobi Executive Director United Nations Environment Programme February 2011



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