UN-Habitat
Conference
Green Building Rating for Africa
Introduction & Overview

Robert Kehew
4 May 2010
Why focus on green building?

UN-Habitat Cities & Climate Change Initiative

- Human activities are releasing greenhouse gases (GHGs)
- These gases are trapping radiation from the sun
- This causes global warming
Why focus on green building?

Confronting climate change in cities means addressing:

- Populations vulnerable to climate change impacts
- Reducing GHG emissions

*St. Louis, Senegal*
Why focus on green buildings?

- **Buildings** = 30-40% of worldwide energy use
- Comparable levels of GHG emissions

*Africa* accounts for very small % of GHG emissions. But…

UNEP, *Buildings & Climate Change*
Why focus on green buildings?

- **Africa** growing
- Projected pop. growth
  Sub-Saharan Africa
  2010-2050: **705.8 M**
- A lot of building
- Why not build better?
- Other benefits build green

UNFPA/IIED, *Pop. Dynamics & CC*

*Douala, Cameroon*
Why focus on green buildings?

Inter-governmental Panel on Climate Change:

“Substantial reductions in CO2 emissions from energy use in buildings can be achieved… using mature technologies… that already exist widely…. Net benefit rather than cost”.
Why focus on green building?

Reduced GHG emissions from energy efficient buildings: “**Long-term savings outweigh initial costs**”.

Conference Objectives

Help participants develop:

- Elements of a **Strategy** & **Roadmap** for their countries
- Outline for a possible **Africa-wide Network**
- **Recommendations** for UN regarding green bldg. rating in Africa
Conference Overview: **DAY 1**

**Morning**
- Introductions
- What are green buildings?
Conference Overview: DAY 1

Afternoon

- Intro to Green Building Councils & World GBC
- Challenges for promoting green building in Africa
Conference Overview: **DAY 2**

**Morning**

- Executive Director
- World GBC
- Closer look at green building rating tools
- Nuts & bolts of operating a GBC
Conference Overview: **DAY 2**

**Afternoon**

- Alternative approaches to promoting green building rating
- How government policies/programmes can encourage green building
Conference overview: **DAY 3**

**Working groups**

- Visions
- Strategies
- Road maps
- Network
- Recommendations
- Rating tool dev’t.
- Commitments
Quick notes logistics

- Please be on time!
- Conference materials – background paper
- Other
Best wishes for successful conference!

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