



**African experiences on Addressing  
green economy and climate change  
mainstreaming in cities**

# Short preview

## 1. Snapshot of African Climate Action

## 2. Experience from Nigeria

Mr. Maximus Ugwuoke, Head, Environmental Planning & CC Department, Ministry of Environment, Lagos State, Nigeria

## 3. Experience from Burkina Faso

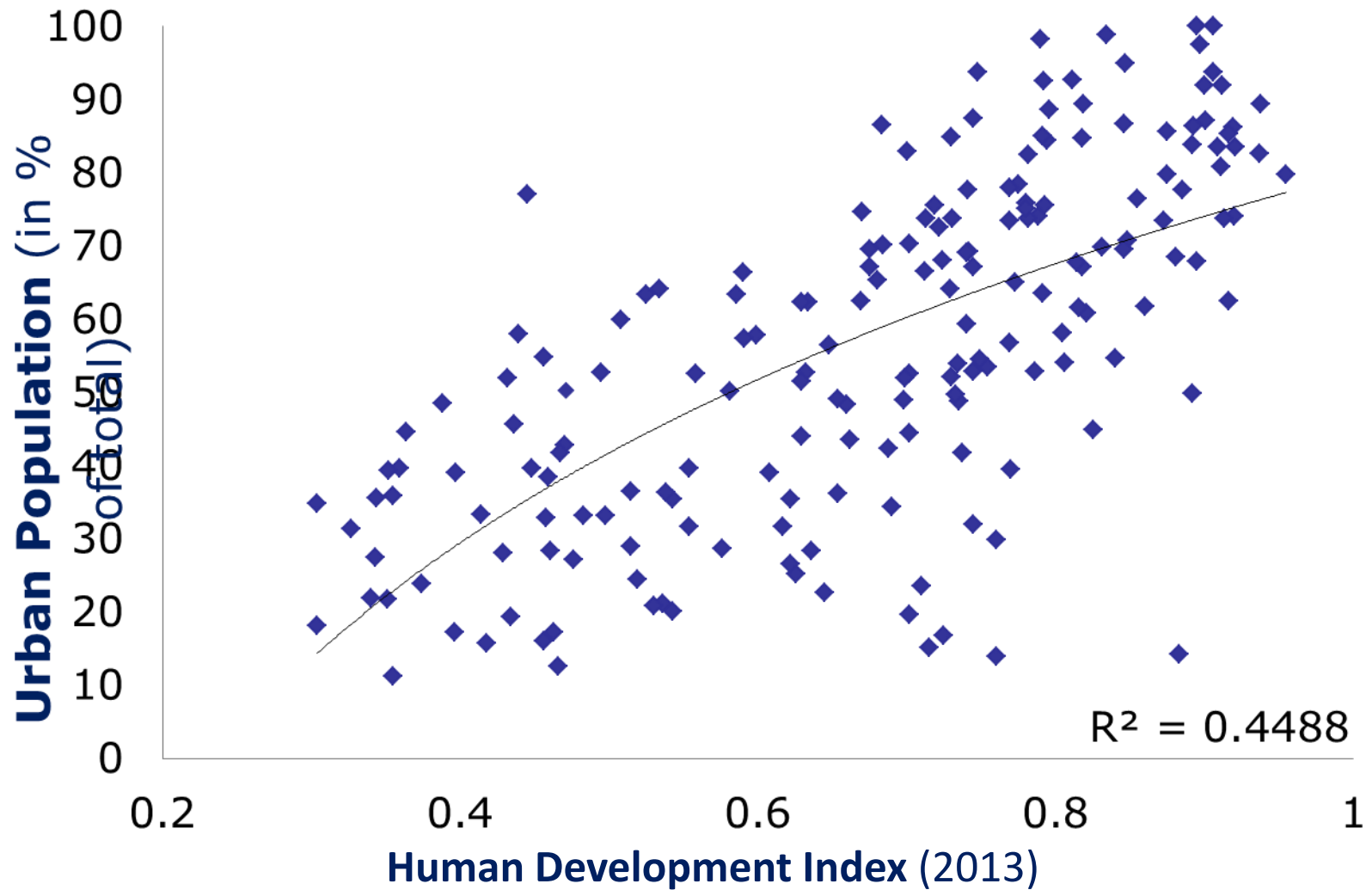
Mr. Hamidou Baguian, Environment and CC Specialist, City of Bobo Dioulasso, Burkina Faso

## 4. Experience from the work of the ILO

Mr. Nico Westphal, Associate Expert for Green Jobs, International Labour Organization Pretoria Office

## 4. Q & A, Discussion

# Urbanization



# Cities and Climate Change in Africa

## Urbanization and Climate Change, possibly the two defining factors of the 21 Century

### Climate Change

- Cities are responsible for 80% of anthropogenic greenhouse gas emissions

### Urbanization

- Since 2007, 50% of the world's total population live in cities. In 2050 it will be a share of 70%

### Demographic Change

- In 2030 about 90% of population growth will concentrate in cities

### City Planning

- 50% of future cities are still to be build (2050)

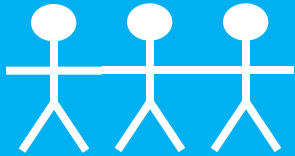
### Shortage of natural resources

- 75% of all resources are consumed in cities

### Long-term decisions

- Municipal infrastructures are characterized by long-term utilization

# Cities and Climate Change in Africa



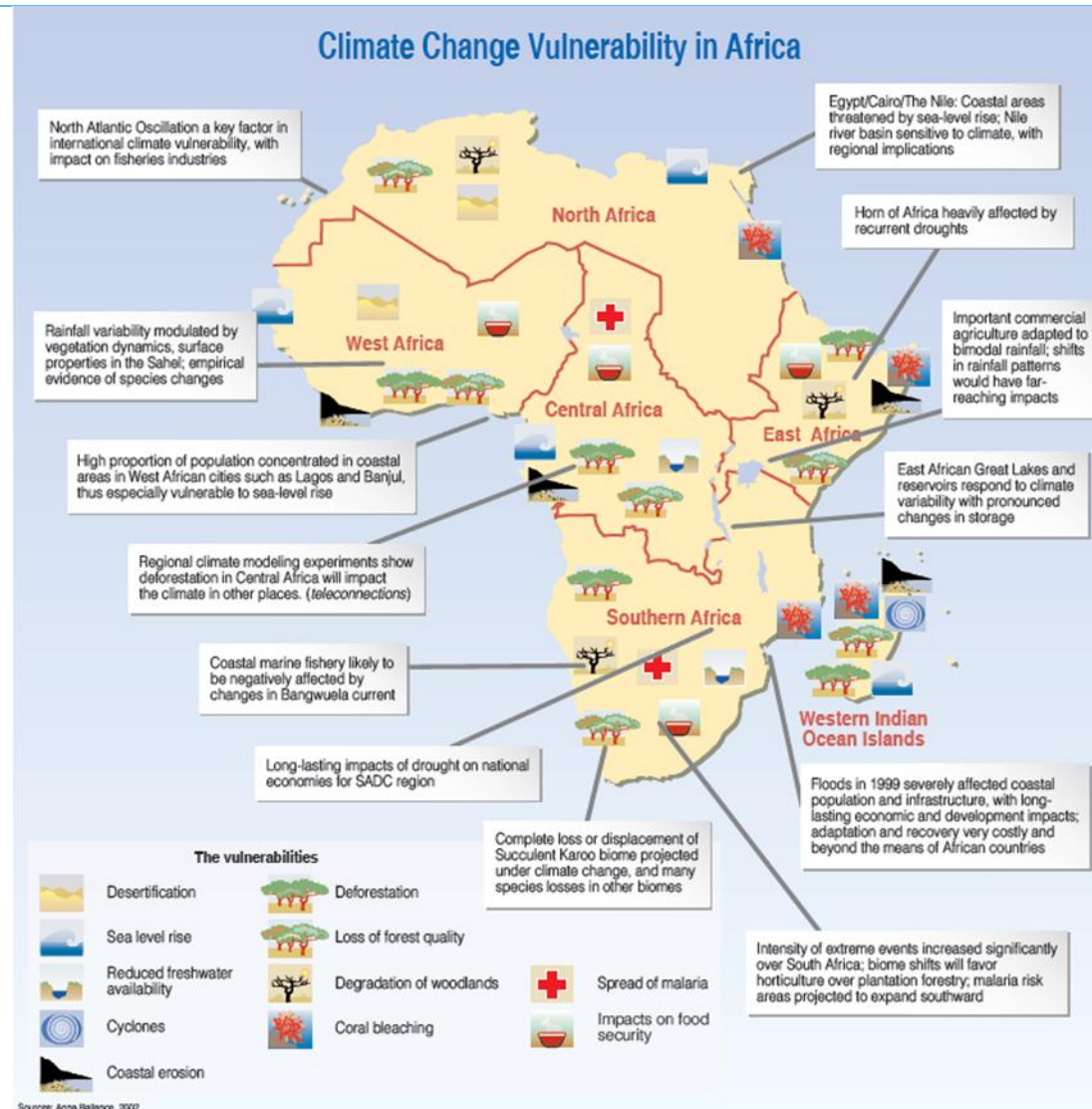
- **Cities concentrate large populations vulnerable to Climate Change (>50%)**
- **More than half the African urban population lives in informal, slum-like settlements**



- **60-80% of the Economic Assets are located in urban areas, Factories, Infrastructure, Hospitals, Schools ...**
- **Cities are drivers of Economic Growth and need to safeguard this status**

# Cities and Climate Change in Africa

- Convergence of Vulnerabilities
- Uncertainty of forecasts
- Poverty
- Urban / Rural
- Lack of investment capacity (95% of Municipalities no Budget for CC)
- Governance



# Cities and Climate Change in Africa

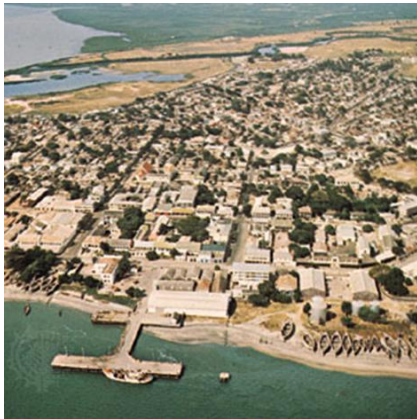
- The many faces of of Climate Risk in Africa – and the **uncertainty** on a clear strategy



- Type 1: Energy intensive sprawled cities with high carbon footprint (i.e. Cape Town)
- Type 2: Cities with major climate hazards (i.e. Kigali)
- Type 3: Cities with risks to regional support system (i.e. Kano)
- Type 4: Cities with multiple risks (i.e. Durban)
- Type 5: Cities with low current risk profile (i.e. Blantyre)
- Type 6: Cities with unknown climate risks due to data availability (i.e. Addis Ababa)

# Cities and Climate Change in Africa

Global Warming and changing climate patterns exacerbate present vulnerability to natural and man-made shocks



Climate Change has many effects.

What are the vulnerabilities  
of your municipality  
???





# Cities and Climate Change in Africa

## Abstract threats turn into very concrete disasters

### Coastal flooding



- Storm surges from Cyclone Eline caused significant damage to the Avenida Marginal and flooded parts of Costa do Sol in 2000

### Inland flooding



- Flooding in 2000 caused nearly USD 100 million in damages in Maputo forced the evacuation of 8,400 people from their homes

### Tropical storms



- Strong winds in 2005 destroyed 912 homes in the Maputo province and caused significant damage to schools and health posts

### Epidemics



- 24% of peri-urban Maputo and 11% of urban Maputo are infected with Malaria, resulting in an average of 238,000 cases per year during the 1999-2010 period

# African Cities take action



Country Experience – Nigeria, Burkina Faso and ILO