



**Urbanization and the role of governments in facilitating climate action in cities**

**UNFCCC COP 19 | Warsaw, Poland | 14 November, 2013**

**Dr. Karin Kemper | Director | Climate Policy and Finance | The World Bank Group**

## Bold Action on Climate Change

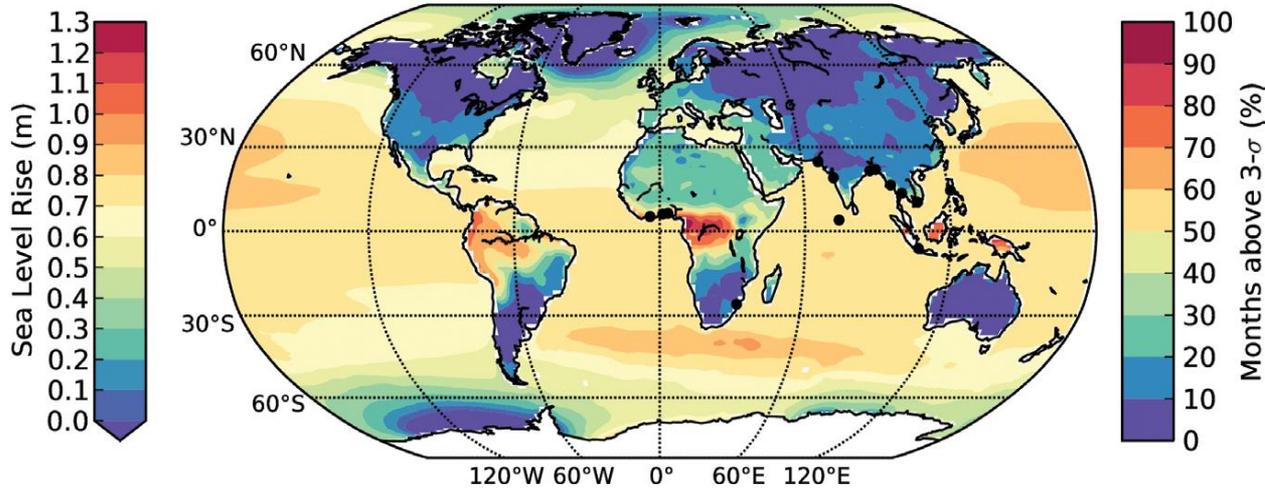
- Climate change could roll back decades of development, the poorest and most vulnerable will be hardest hit.
- We must work with partners to prevent a 4°C world and prepare our clients for a 2°C world.
- What will it take?

Bold actions to *get prices right*,  
*get finance flowing*, and *work where it matters most*.

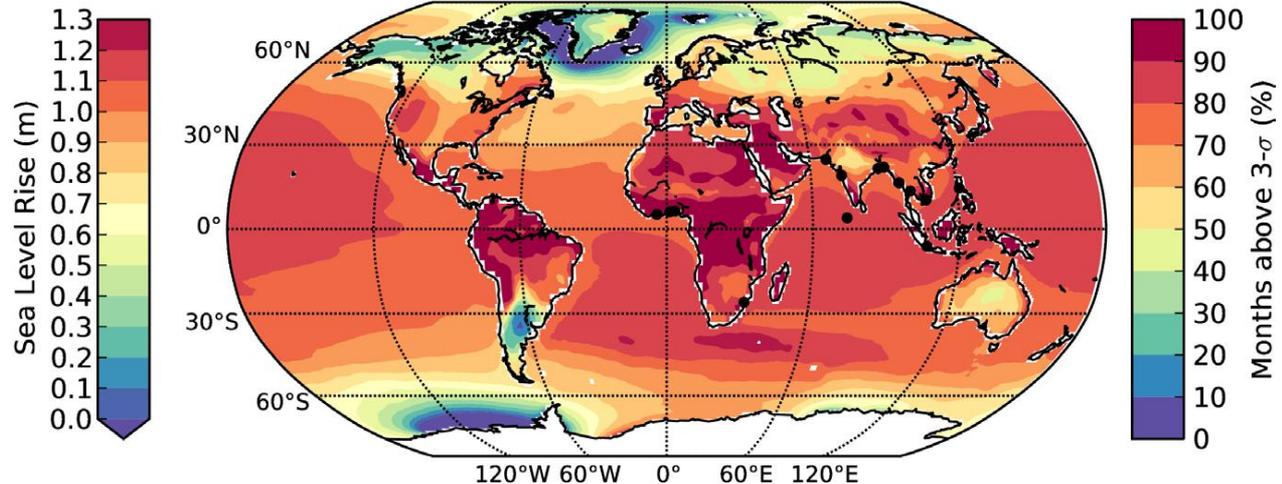


# The challenge of our generation

## 2C WORLD



## 4C WORLD



A 4C warming would lead to much larger impacts on the poor than a 2C one

# THE WORLD'S POPULATION, CONCENTRATED

If the world's 6.9 billion people lived in one city, how large would that city be if it were as dense as...



Urban  
planning  
and density  
policies  
matter

Source: <http://persquaremile.com>

# City-level policies matter





**National-level enabling policies matter**



# The World Bank Group: working where it matters most

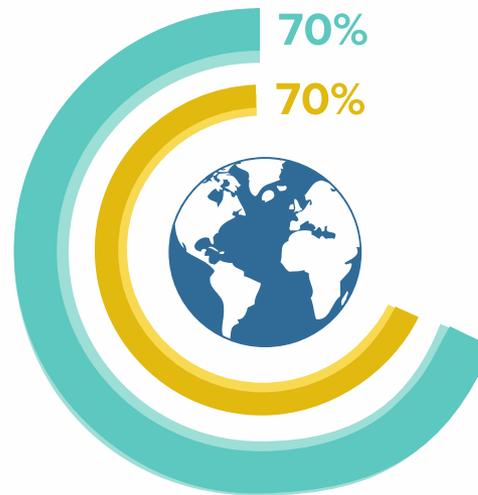
---

Climate change and rapid urbanization are the dual challenges of the 21<sup>st</sup> century.

**6.2 BILLION  
PEOPLE**

will be living in cities by 2050

That will be **70%** of the  
world's population



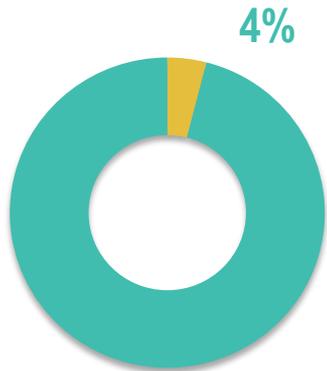
Cities already account for  
**2/3** of the world's overall  
energy consumption

and **70%** of global  
greenhouse emissions

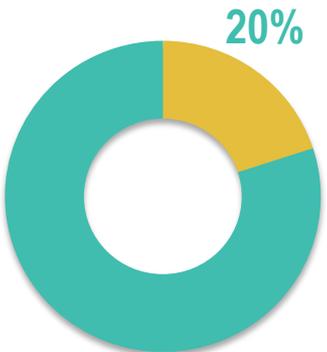
- City governments make decisions that result in visible action on the ground
- Cities can fill the void created by lack of an international climate agreement

# The Finance Gap

Of the 500 largest cities in developing countries, only a small percentage are deemed **creditworthy**



in international markets

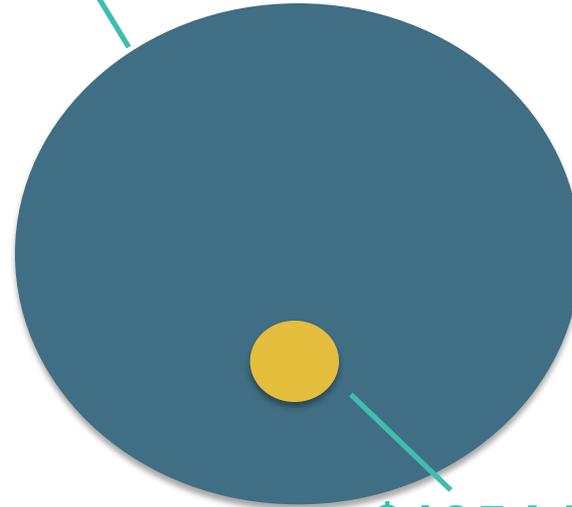


in domestic markets

# The Infrastructure Financing Gap

**\$1.3 trillion/yr**

needed to fill infrastructure financing gap in developing countries



**\$125 billion**

ODA is only a small part of the solution

# Sustainable, Livable Cities



## ***LOW-CARBON LIVABLE CITIES (LC2) INITIATIVE***

**As climate change and rapid urbanization coincide, cities need support designing low-carbon development paths.**

**LC2 offers a comprehensive suite of tools and activities tailored to cities' specific needs and level of progress, ranging from:**

- **Greenhouse gas inventories and low-carbon investment planning to**
- **Enhancing city credit-worthiness and creating large scale-financing solutions for low-carbon growth**

*We aim to reach 300 of the largest developing country cities within four years.*

**Dziękuję bardzo**

**Thank you very much**

**Dr. Karin Kemper  
Director  
Climate Policy and Finance  
World Bank Group**

**[kkemper@worldbank.org](mailto:kkemper@worldbank.org)**