The world is heading towards an abyss --- and we have our foot on the accelerator!!

Ban Ki-moon, UN Secretary-General
Concentrations of greenhouse gases (Year 0 to 2005)

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Ban Ki-moon, UN Secretary-General
The world is heading towards an abyss --- and we have our foot on the accelerator!!

Ban Ki-moon, UN Secretary-General
Establishment of cities

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Ban Ki-moon, UN Secretary-General
Climate-change effects in urban areas

- Rising temperatures
- Increasingly severe weather
  - Tropical cyclones, hurricanes
  - Storms, with heavy precipitation
  - Droughts and drying of areas
- Rising sea levels
- Melting & thawing

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Ban Ki-moon, UN Secretary-General
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Ban Ki-moon, UN Secretary-General
Climate-change impacts fall disproportionately on the poor

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Ban Ki-moon, UN Secretary-General

Poor children/women especially vulnerable in natural disasters

“Climate migration” will increase
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Ban Ki-moon, UN Secretary-General
## Responses in urban areas

### Part of the problem
- 50% of world population lives in cities
- By 2030, 95% increase in urban area, bulk in develop. countries
- By 2030, 70 million more slum dwellers in cities
- Urban conc. of social/ economic activity produces GHGs
- Urban areas will produce 40 - 70% anthropogenic GHGs
- By 2030, 80% of global energy increase (over 2006) from cities

### Part of the solution
- Municipalalities responsible for GHGs at local level
- Municipalities can act as ‘laboratories’ for innovation
- Municipalities can be partners for private-sector & civil society
- Cities have many private-sector actor on climate-change
- Cities arenas for civil society mobilization on climate-change

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*Ban Ki-moon, UN Secretary-General*
Mitigation opportunities & constraints

**Examples of opportunities**

<table>
<thead>
<tr>
<th>Institutional</th>
<th>Tech &amp; Econ’ic</th>
<th>Political</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Proactive national/ regional government</td>
<td>• Knowledge of urban GHGs</td>
<td>• Political champions</td>
</tr>
<tr>
<td>• Member of int’nl municipal networks</td>
<td>• External funding available</td>
<td>• Recognition of co-benefits</td>
</tr>
<tr>
<td>• Formation of partnerships</td>
<td>• Reliable finance mechanisms</td>
<td>• Political will</td>
</tr>
</tbody>
</table>

**Examples of constraints**

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>• Limited powers for municipality</td>
<td>• Lack of expertise</td>
<td>• Departure of key persons</td>
</tr>
<tr>
<td>• Absence of policy coordination</td>
<td>• Lack of finances</td>
<td>• Lack of finances</td>
</tr>
</tbody>
</table>

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While greatest responsibility lies with developed countries . . .

We cannot continue to worsen the situation!!

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Ban Ki-moon, UN Secretary-General
Start to act . . .

Ask yourself . . .

If not you, then who?

If not now, then when?

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Ban Ki-moon, UN Secretary-General