Keynote Address by Frank CHAN, JP
Asia

- 60% world’s population
- 30% world’s land area
Impact upon Asia

- Climate change
- Urbanization
- Green Building
## Super Typhoon in 2013

<table>
<thead>
<tr>
<th>Typhoon</th>
<th>August</th>
<th>September</th>
<th>November</th>
</tr>
</thead>
<tbody>
<tr>
<td>Typhoon</td>
<td>Utor</td>
<td>Usagi</td>
<td>Haiyan</td>
</tr>
<tr>
<td>Sustained wind speed (kph)</td>
<td>175</td>
<td>198</td>
<td>315</td>
</tr>
<tr>
<td>Gust wind speed (kph)</td>
<td>200</td>
<td>245</td>
<td>380</td>
</tr>
</tbody>
</table>
The United Nations Climate Change Conference
Poland, November 2013
18% Asia’s urban population lives in low-lying coastal areas
Asia Population Density Map
Figure 6.1 Carbon Dioxide Emissions by Region (1990–2035)

Mt CO₂ = million tons of carbon dioxide.
Hong Kong
- 7 million of people
- Land around 1,100 km²
Buildings

- Energy terminators
- 40% energy
- 24% emissions
- Huge potential
- Green movement
Zero Energy Office Building
Malaysia

BCA Academy Zero Energy Building
Singapore

http://www.greenmark.sg/about_proj_zero.html
Samsung Green Tomorrow House
South Korea

Zero Carbon Building
Hong Kong

http://zcb.hkcic.org
Greenest School on Earth 2012
Green School, Bali
Greenest School on Earth 2013
Sing Yin Secondary School, Hong Kong
Global Energy Perspective

Source: "World Energy Consumption Since 1820 in Charts" by G. Tverberg
Build for Asia

- Green Culture
- Green Mentality
- Green Way of Living
Thank You