

# Professional Green Building Council



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since 2002

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**HKIA**

**HKIE**

**HKILA**

**HKIP**

**HKIS**



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2004



**SYMPOSIUM  
ON GREEN  
BUILDING  
LABELLING**

An industry-wide event organised with the full support of  
the Provisional Construction Industry Co-ordination Board (PCICB)

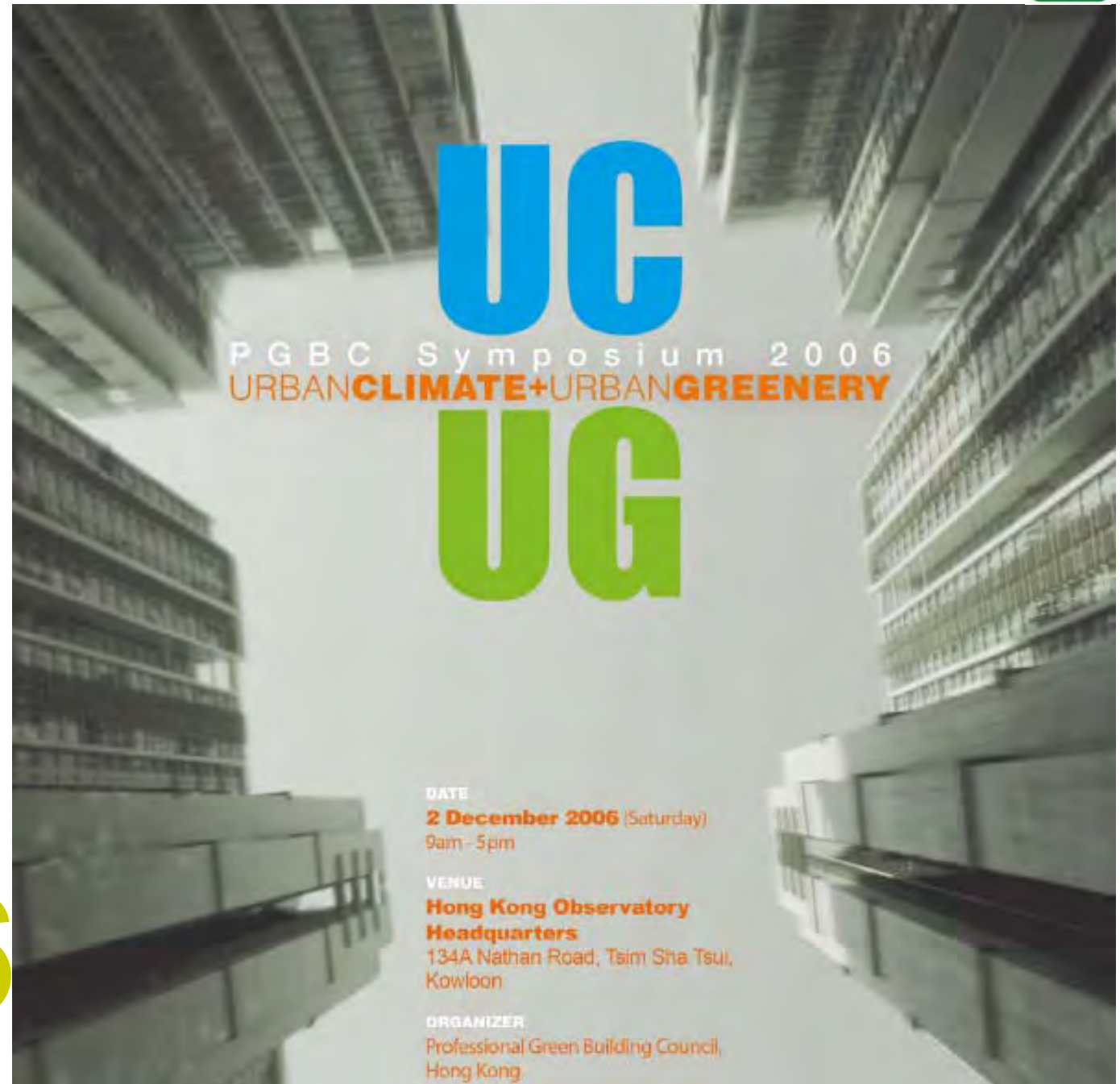
**19 March 2004**  
Hong Kong Convention & Exhibition Centre

The poster features a dark blue background with a faint, light blue architectural grid pattern. The main title is enclosed in a thick, bright green rectangular border that is slightly tilted. The text is in a bold, sans-serif font, with the title in green and the supporting text in white.

**Should greenery  
and sustainable  
building design  
be made  
mandatory?**

An industry-wide event organised with the full support of  
the Provisional Construction Industry Co-ordination Board (PCICB)  
19 March 2004  
Hong Kong Convention & Exhibition Centre

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2006



DATE

**2 December 2006** (Saturday)  
9am - 5pm

VENUE

**Hong Kong Observatory  
Headquarters**  
134A Nathan Road, Tsim Sha Tsui,  
Kowloon

ORGANIZER

Professional Green Building Council,  
Hong Kong

# What are the most important characteristics of a quality and sustainable built environment?

2 December 2006 (Saturday)  
9am - 5pm

**VENUE**

Hong Kong Observatory  
Headquarters  
134A Nathan Road, Tsim Sha Tsui,  
Kowloon

**ORGANIZER**

Professional Green Building Council,  
Hong Kong

# PGBC 2007

## PGBC Zero Carbon Charter

### 1. E2: Planning

Plan neighbourhoods that are transit-oriented, pedestrian friendly to promote walking and energy efficient lifestyle.

Adopt designs that help improve urban climate (UC) and greenery to mitigate urban heat island (UHI) effect.

### 2. E2: Building

Optimize building energy efficiency through spatial planning, built form & orientation, building envelope design and material choice.

Integrate passive architectural strategies and features for optimal natural ventilation and daylight potential.

### 3. E2: Systems

Adopt energy efficient fluorescent lamps with electronic ballasts and effective/innovative energy efficient building services systems.

Use of renewable energy (RE) technology to reduce reliance on fossil fuel energy use.

### 4. E2: Appliances

Specify energy efficient appliances with energy labels under Energy Efficiency Labelling Schemes.

Apply energy meter(s) for monitoring the energy use of major systems.

### 5. E2: DSM

Implement demand side management (DSM) to reduce electricity consumption during peak periods and shift electricity consumption from peak periods to off-peak periods.

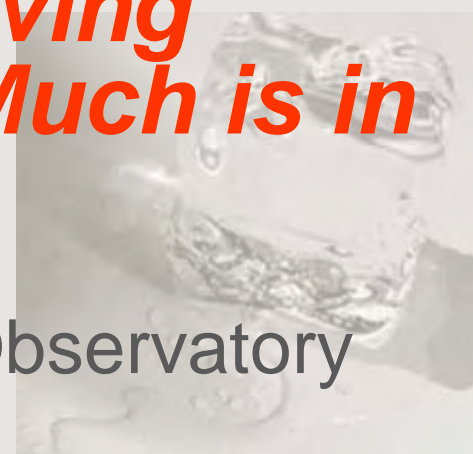
Achieve higher levels of building energy performance to reduce annual energy consumption above the recognized local standards.



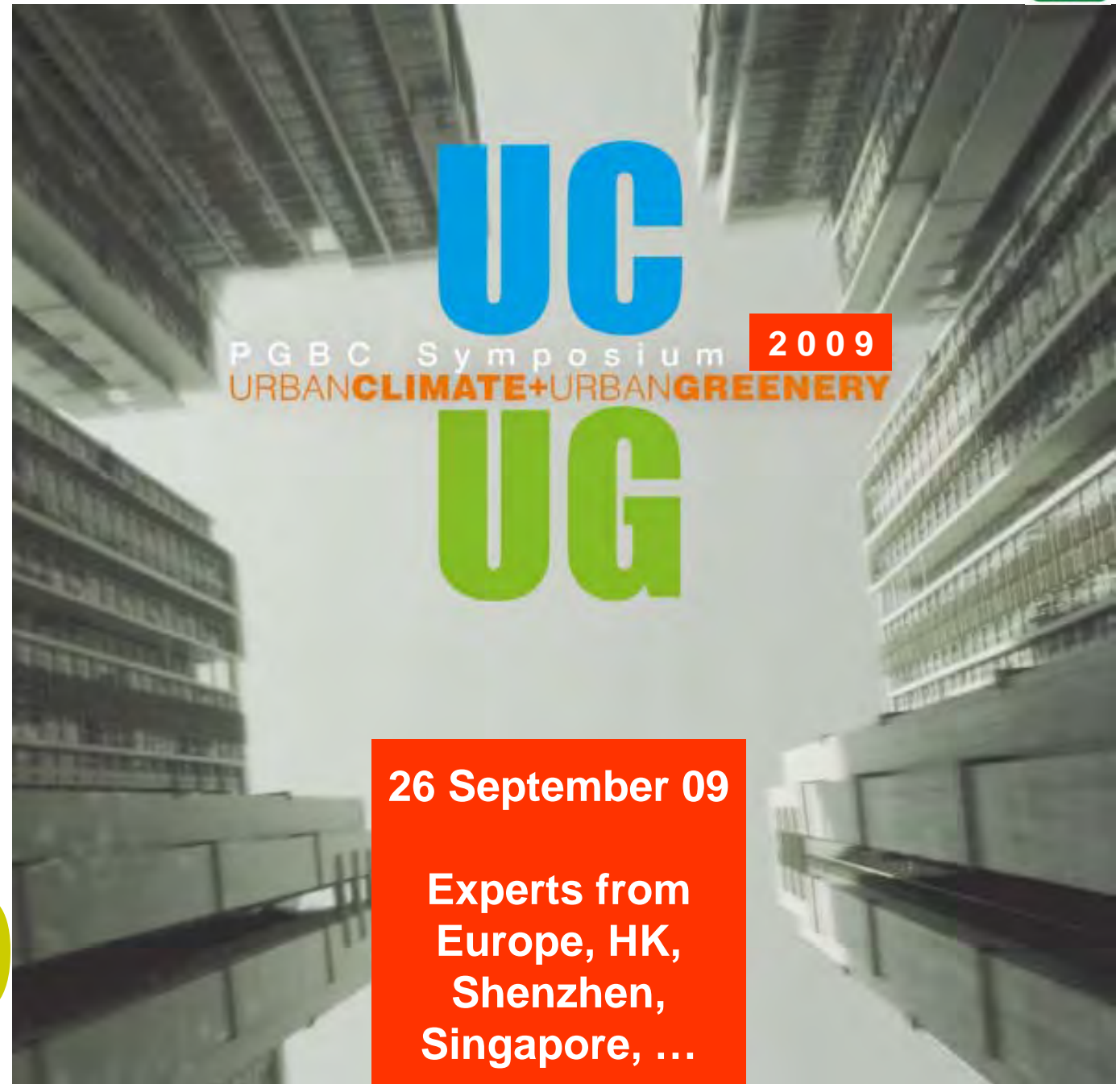
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***“Buildings are meant to benefit people. But we have seen in the meteorological records that buildings have collectively modified the urban climate in a way unfavourable to healthy living. It is high time for us to rethink the fundamentals about how urban living should look like. Much is in the hands of .....*”**

**CY Lam, Director of HK Observatory  
2006**



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2009



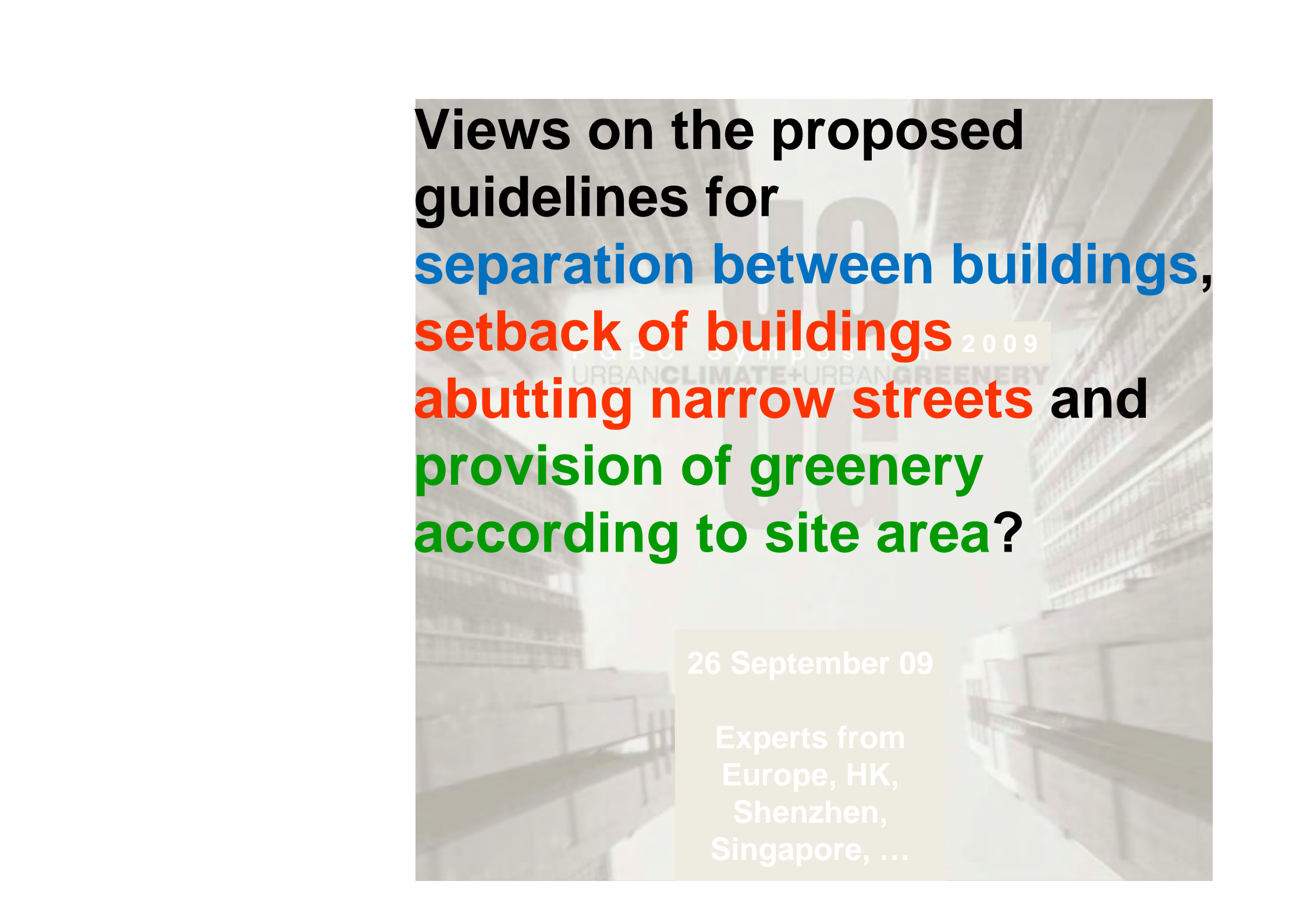
UC

PGBC Symposium 2009  
URBANCLIMATE+URBANGREENERY

UG

26 September 09

Experts from  
Europe, HK,  
Shenzhen,  
Singapore, ...



**Views on the proposed  
guidelines for  
separation between buildings,  
setback of buildings  
abutting narrow streets and  
provision of greenery  
according to site area?**

26 September 09

Experts from  
Europe, HK,  
Shenzhen,  
Singapore, ...



Trade-off between / balance  
of **the bulk** and **the height** of  
a building?

PGBC Symposium 2009  
URBANCLIMATE+URBANGREENERY

*People in the street are  
the pivotal concern ...*

26 September 09

Experts from  
Europe, HK,  
Shenzhen,  
Singapore, ...

## Costs, Benefits & Willingness to Pay? Way Forward?

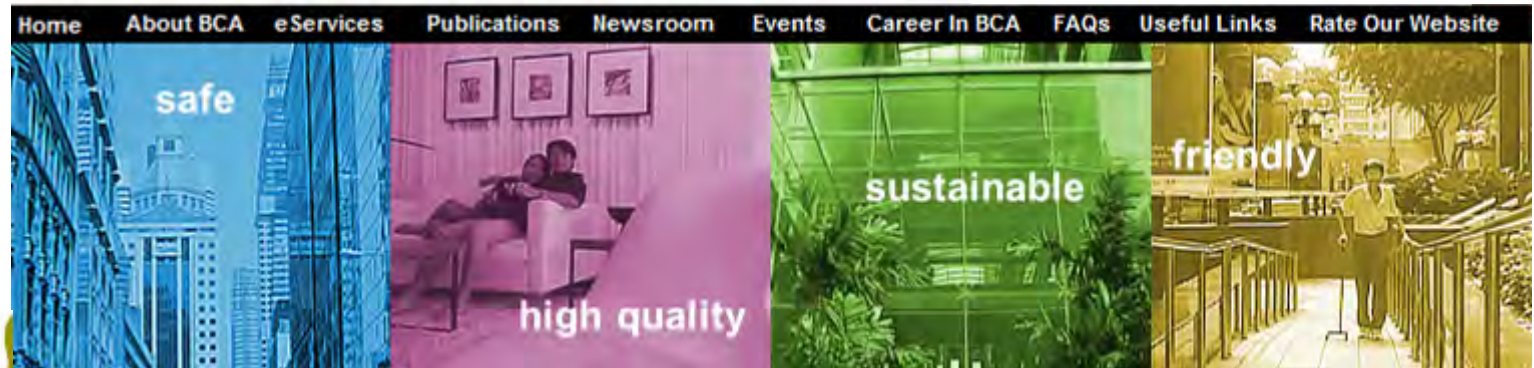
The **benefits of strong, early action** on climate change **outweigh the costs**;

**Minimum 2%** of global GDP per annum is required to be invested in order to **avoid the worst effects** .....

26 September 09

**Stern Review** (2006/08)

Experts from  
Europe, HK,  
Shenzhen,  
Singapore, ...



BCA Green Mark Award Type	Green Cost Premium (%)	Payback Period (years)
Platinum	2% to 8%	2yrs to 8yrs
Gold Plus	1% to 3%	2yrs to 6yrs
Gold	1% to 2%	2yrs to 6yrs
Certified	0.3% to 1%	2yrs to 5yrs



Formation & Inaugural Conference of

# Hong Kong Green Building Council

Four Founding Committee Members:  
**CIC + BEAM Society + BEC + PGBC**

**20 November 09**

Experts from  
CGBC, WGBC, HK,  
Japan, Singapore,  
Taiwan, ...

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2009