

The BCA-CDL
GreenSparks
Competition 2010



Presented by:
Building and Construction Authority

Programme

2.30pm: Rules & Guidelines *by BCA*

2.45pm: BCA Green Mark Assessment Criteria for Non-Residential Existing Buildings *by BCA*

3.15pm: Fuji Xerox Towers *by CDL*

Batch 1 (Gold & Silver groups)

3.35pm: Tour of Fuji Xerox Towers

4.15pm: Refreshments

Batch 2 (Yellow & Blue groups)

3.35pm: Refreshments

4.15pm: Tour of Fuji Xerox Towers

5.00pm: End

**Note: No photography or video recording by participants*

Objectives

Organised by Building and Construction Authority (BCA) and City Developments Limited (CDL) for the first time to:

- engage our local tertiary students in the national effort to green the built environment
- raise awareness of best green building practices and solutions amongst future practitioners
- educate students on the adoption of good energy saving designs and green building technologies

The Challenge

Teams must submit proposals to retrofit the existing **Fuji Xerox Towers** to enhance its environment performance:

- ✓ Reduce the building's energy consumption and lower its carbon footprint
- ✓ Achieve the BCA Green Mark Platinum status. Currently, Fuji Xerox has attained BCA Green Mark Gold



Rules

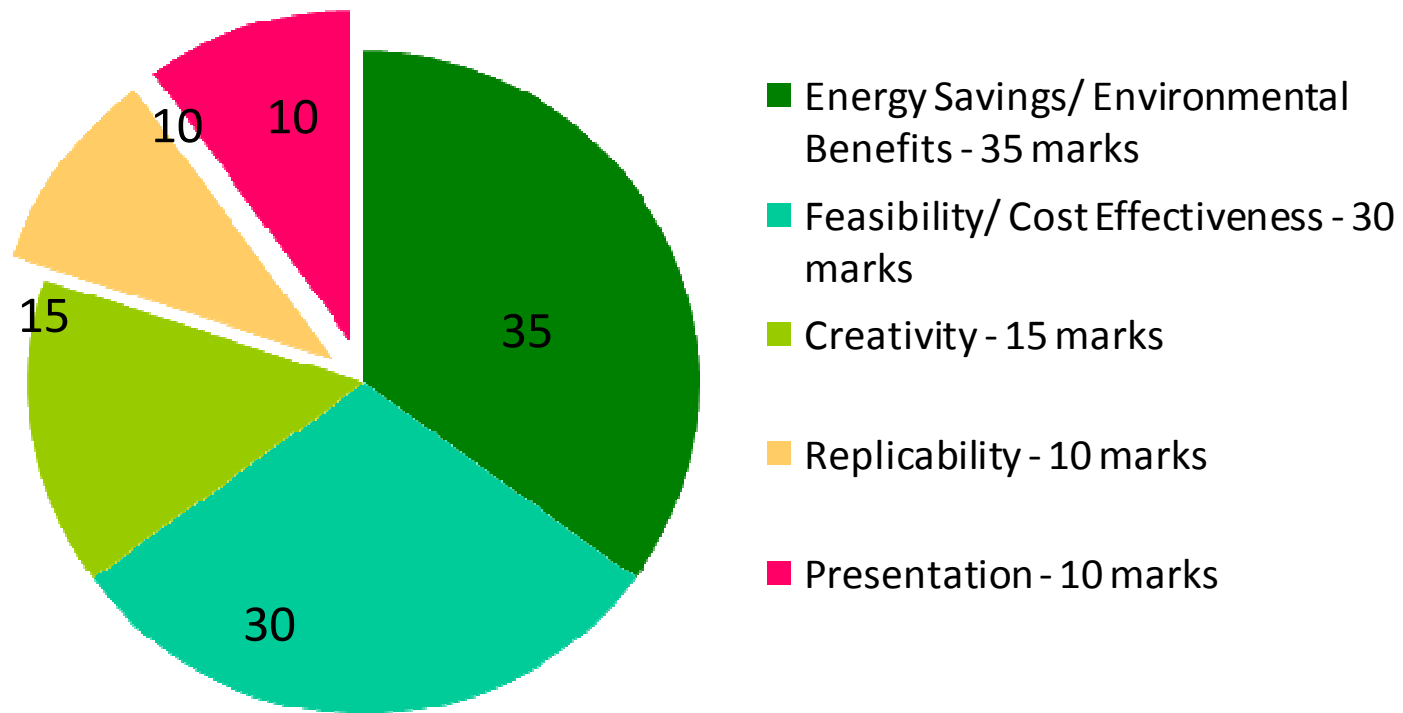
- No limit to the number of teams per institution
- No of members per team (5 – 10 students)
- Open to Singapore Citizens, Permanent Residents and student pass holders. Team must comprise at least 1 Singapore Citizen/PR
- Team members must be full-time students of local tertiary institutions (doing diploma or degree courses) as at 1 Apr 2010
- All submissions must be original

Submission

- Completed Entry Form and Photocopies of NRIC/Student Passes
- 6 printed copies of Concept Paper (max 10 pages, exclude Annexes):
 - Executive Summary (max 2 pages)
 - Explanation of Key Green Features/Technologies
Grouped under Green Mark criteria *Energy Efficiency, Water Efficiency, Sustainable Operation and Management, Indoor Environmental Quality, Other Green Features* (highlight innovation and replicability)
 - Environmental Impact, including Estimated Effect on Energy Consumption
 - Economical Effect (cost/payback estimates)
 - Other Tangible and Intangible Benefits
- Format of Concept Paper: A4 paper, Single paragraph, Arial 12pt font, 1 inch margins from all sides

Judging Criteria

Marks Distribution



Judging Procedure

Pre-judging panel (BCA/CDL) shortlist 8 submissions



Panel of Judges do pre-scoring of shortlisted submissions
(based on Concept Paper)



Final Competition: final scoring based on teams' presentations

Panel of Judges

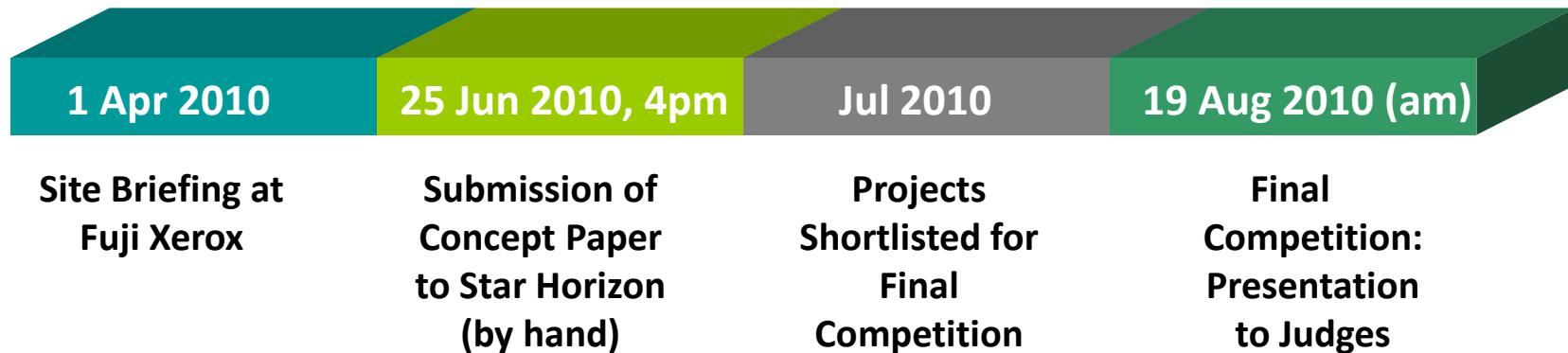
Chief Judge

1. Er Lee Chuan Seng, President, Singapore Green Building Council

Judges

2. Mr Tan Tian Chong, Director, Technology Development Division, BCA
3. Mr Lim Tow Fok, General Manager, Property & Facilities Management, CDL
4. Mr Tai Lee Siang, Director, DP Architects Pte Ltd
5. Mr Vincent Low, Director, G-Energy Global

Timeline



Prizes



5 Merit Prizes - \$1,000 each and certificate

More Information

Contact: Star Horizon

Lee Siah (Tel: 6884 9481, Email: leesiah@star-horizon.com)

Dominic (Tel: 6884 9481, Email: dominic@star-horizon.com)

Questions and answers will be posted on the Competition website:
www.greenmark.sg/BCA-CDL_competition.html

Other Dates for Site Visit:

13 May 2010, Thursday

14 May 2010, Friday

(Subject to availability. Please contact Star Horizon if interested)

Facebook

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Let's Build A Green Future
 Hi I'm Greco Hi I'm Beco
 Building and Construction Authority
 Suggest to Friends

Welcome to BCA Green Building!
 Dedicated to contributing to the well being of our community and environment by shaping a sustainable and friendly built environment.
 Introducing our mascots, Greco and Beco! You should get to know them better!

Information
 Location:
 Singapore, Singapore

Fans
 6 of 1,432 fans See All

BCA Green Buildings Have u thought that the direction of your house is only important only for people who believes in fung-shui? A well positioned home that faces north/south façade can significantly improves comfort and also reduces energy bills. *about an hour ago*

Wall Info Photos Events Contest The BCA Gre... >>

Write something... Attach: Share

Green Future BCA Green Buildings Want to see the before and after of the different cities around the world during earth hour? Check out this link, which shows the cities fading into darkness...Cities like Singapore, Malaysia, Japan, Las Vegas.....
Earth Hour 2010 - The Big Picture - Boston.com
 www.boston.com
 Beginning in Sydney, Australia three years ago, Earth Hour has grown into a global observance. States, large organizations and individual people observed Earth Hour 2010 on Saturday March 27th, as homes, ...
 8 minutes ago · Comment · Like · Share

Ai -hime I notice that you do post examples of commercial and institutional buildings that make it to the Green Mark, that's great. But do us a little favour, and help us find residential and parks/gardens examples too (Green Mark for Parks)? So that we can apply it to our own homes!
 18 minutes ago · Comment · Like · Report

Green Future BCA Green Buildings Have u thought that the direction of your house is only important only for people who believes in fung-shui? A well positioned home that faces north/south façade can significantly improves comfort and also reduces energy bills.
about an hour ago · Comment · Like
 3 people like this.
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 Like

ShopLah! x
 1000 Ladies fashion clothing, lingerie, bags for sale at low prices, free delivery and big discount!
 Carina Lee is a fan of ShopLah!
 Become a Fan

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**THANK
YOU!**

**Hi I'm
Greco**

**Hi I'm
Beco**