

Thank You



Assessment Criteria



JANUARY 2012

SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

Green & Gracious Builder Scheme

Outline

- Overview
- Purpose
- Eligibility
- Assessment Criteria
- Incentives
- Construction Productivity & Capability Fund
- Green Mark Version 4
- GBS as an evaluative criterion during PMT for tender evaluation



JANUARY 2012

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Incentives

- Construction Productivity & Capability Fund
- Green Mark Version 4
- GBS as an evaluative criterion during PMT for tender evaluation



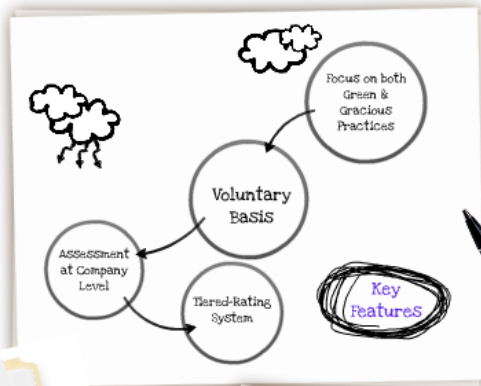
MARCH 2012

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Objectives of GBS:

- to share knowledge the profession as a means to improve the concept of labor.
- to support our efforts to improve the construction industry.

Thank You



JANUARY 2012

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Green & Gracious Builder Scheme

We share a safe, high quality, sustainable and green built environment.



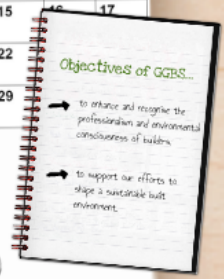
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Green & Gracious Builder Scheme



We shape a **safe**, **high quality**, **sustainable** and **friendly** built environment.

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Outline

- Rationale
- Objective
- Overseas Examples
- Key Features of Scheme
- ASSESSMENT Criteria
- Examples of Best Practices
- Incentives for Builders
- Green and Gracious Builder Guide

All key players have a critical role to play to make environmental sustainability a success.

Green Mark Scheme has taken off successfully with strong support from developers, architects & engineers.

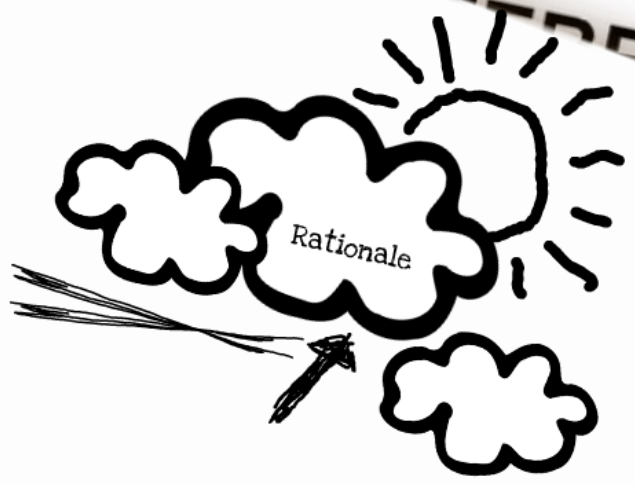


BCA GREEN MARK

Green & Gracious Builder Scheme recognises the builder's contribution towards environmental sustainability.




GREEN AND GRACIOUS BUILDER Award



5	
22	2
29	

MARCH





All key players have a
critical role to play to
make environmental
sustainability a success.

Green Mark Scheme has taken
off successfully with strong
support from developers,
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BCA GREEN MARK



Green & Gracious Builder
Scheme recognises the
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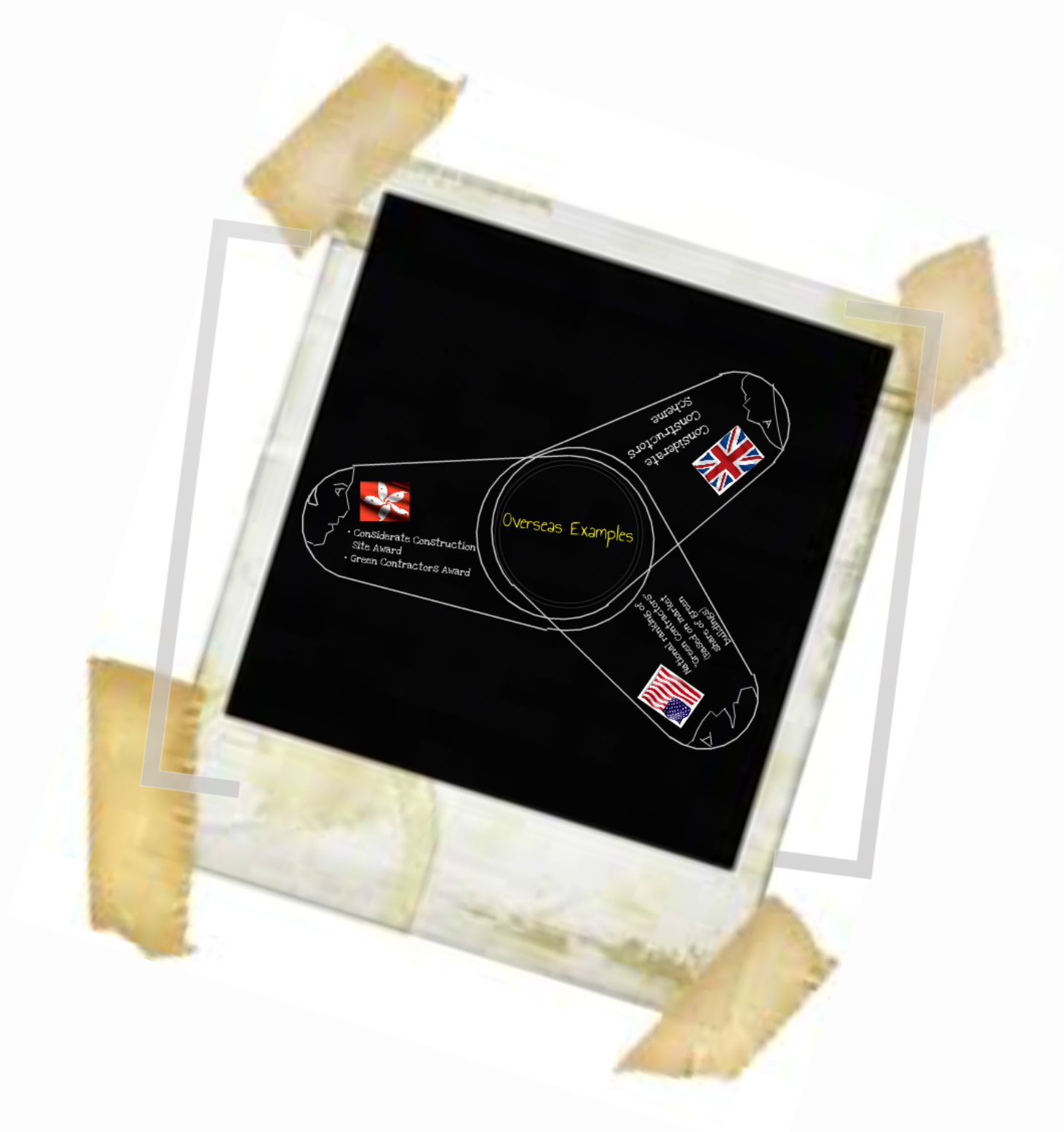
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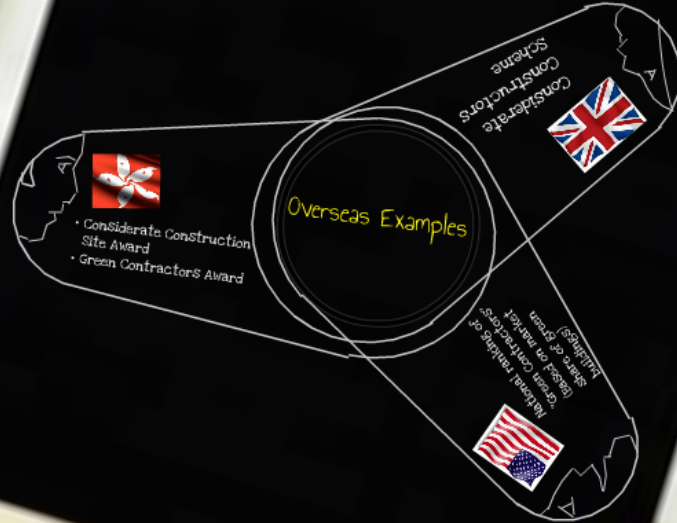
Objectives of GGBS...

→ to enhance and recognise the professionalism and environmental consciousness of builders.

→ to support our efforts to shape a sustainable built environment.



Overseas Examples



Overseas Examples

Considerate Constructors Scheme

Overseas Examples



- Considerate Construction Site Award
- Green Contractors Award

Ranking of Contractors





Considerate
Constructors
Scheme

Overseas Examples

Ranking of
tractors"
market
green

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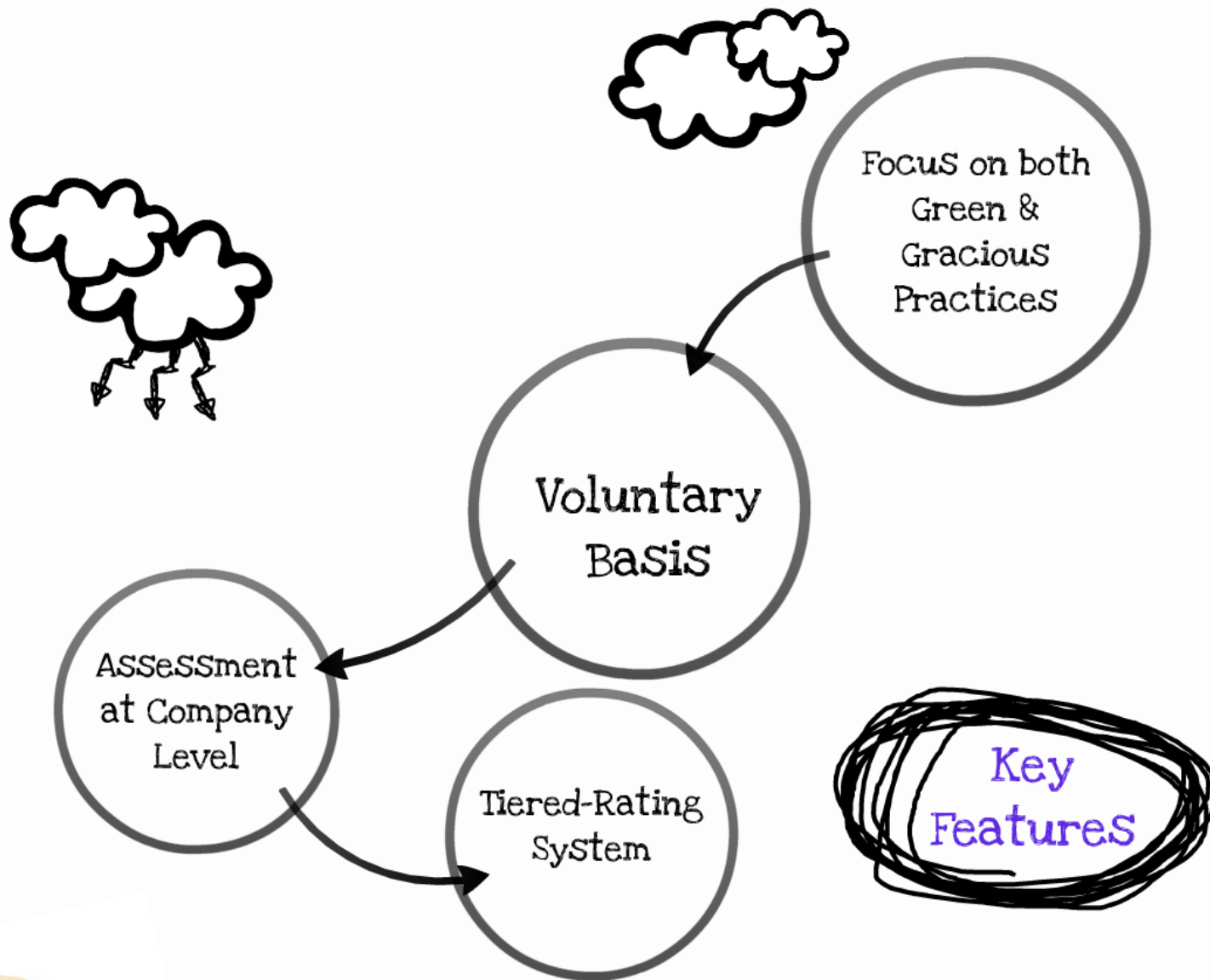
National ranking of
"Green Contractors"
(Based on market
share of green
buildings)

Overseas Examples



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erate Construction
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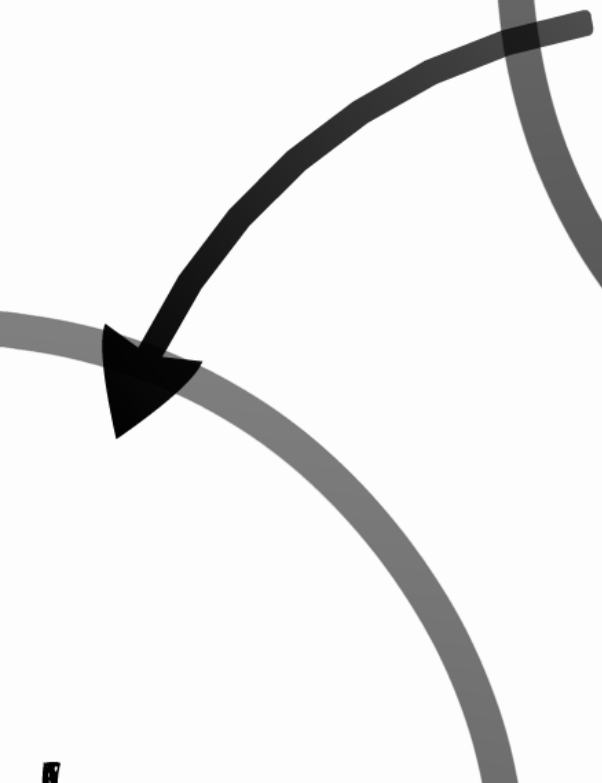


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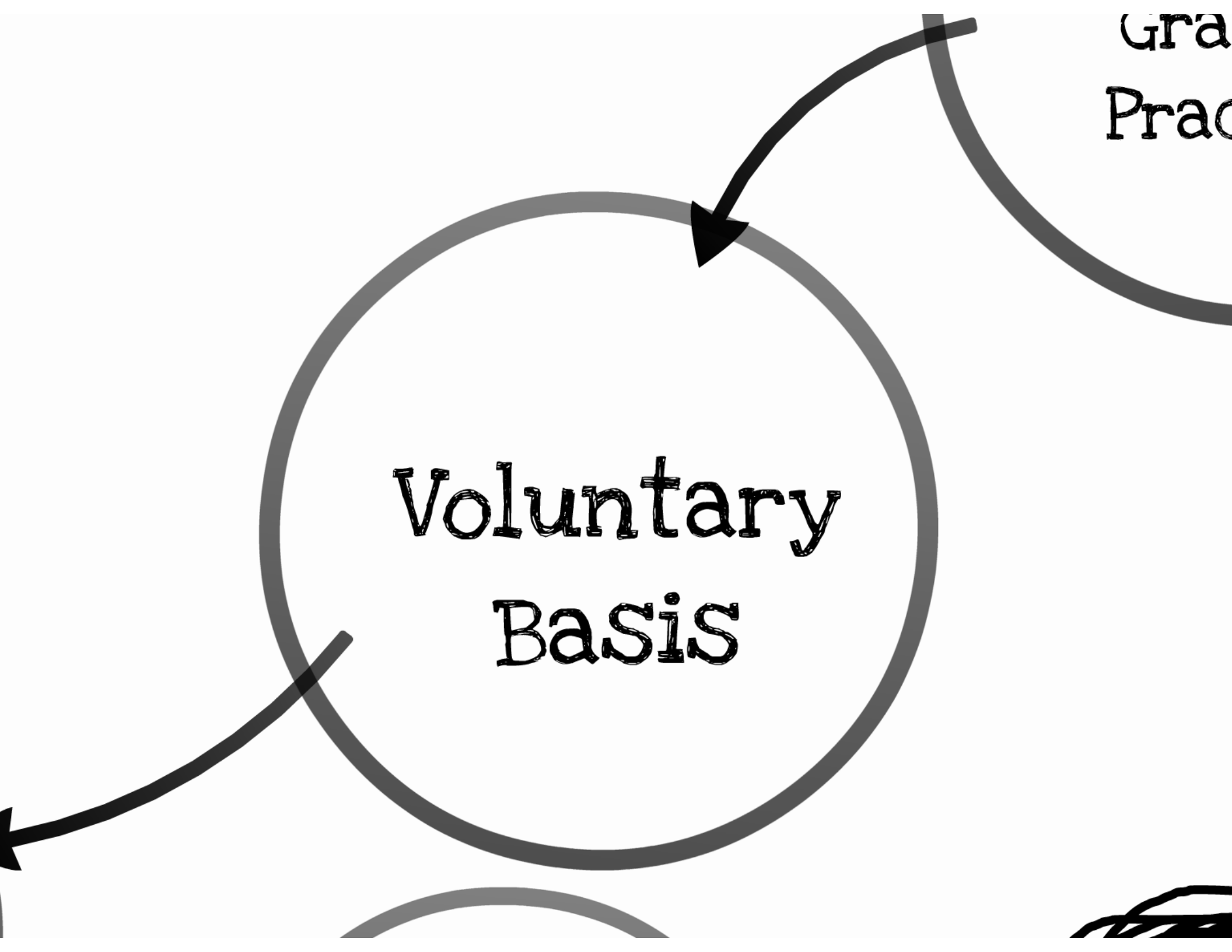


Focus on both
Green &
Gracious
Practices



Gra
Prac

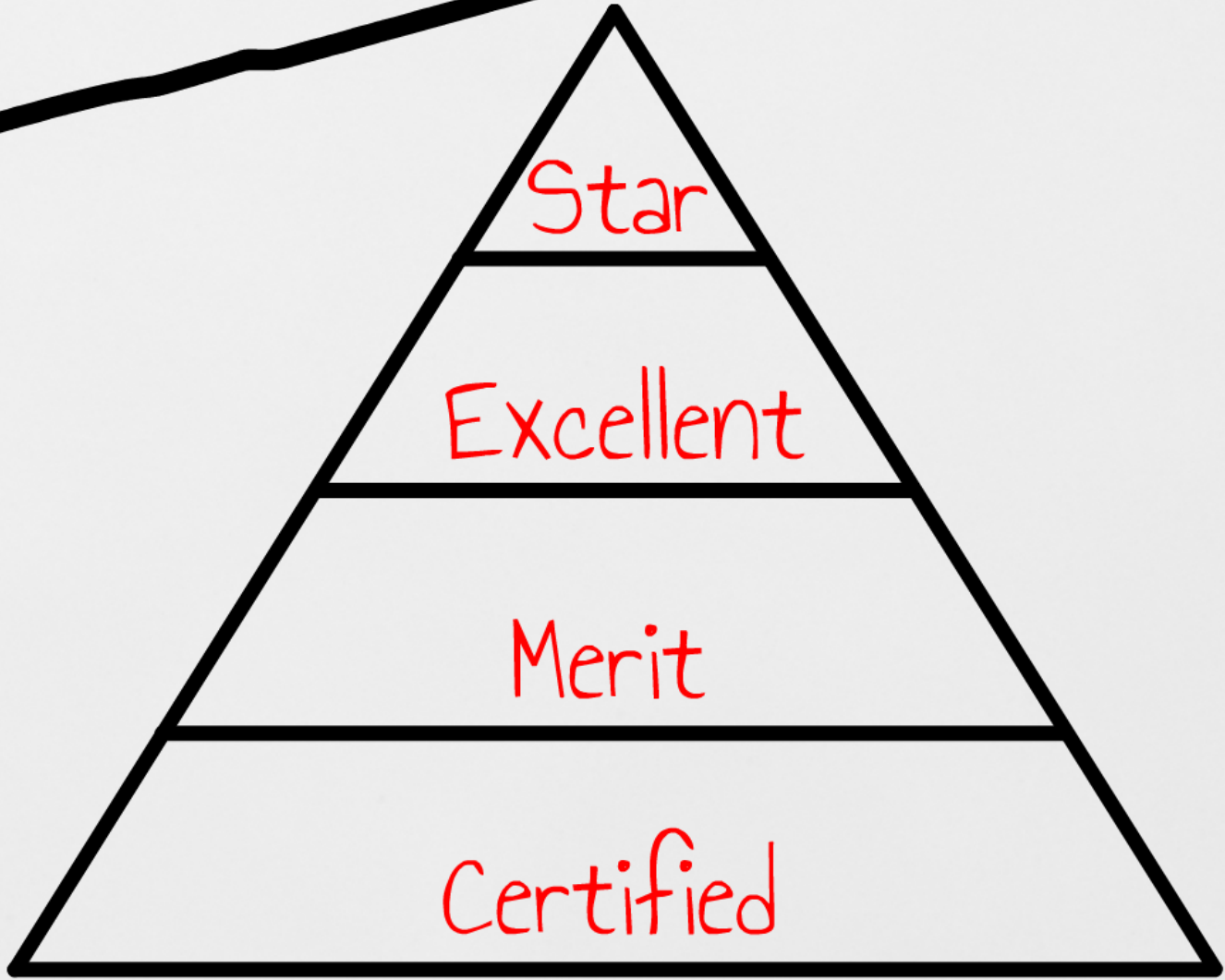
Voluntary
Basis





ASSESSment
at Company
Level

Tiered-Rating
System

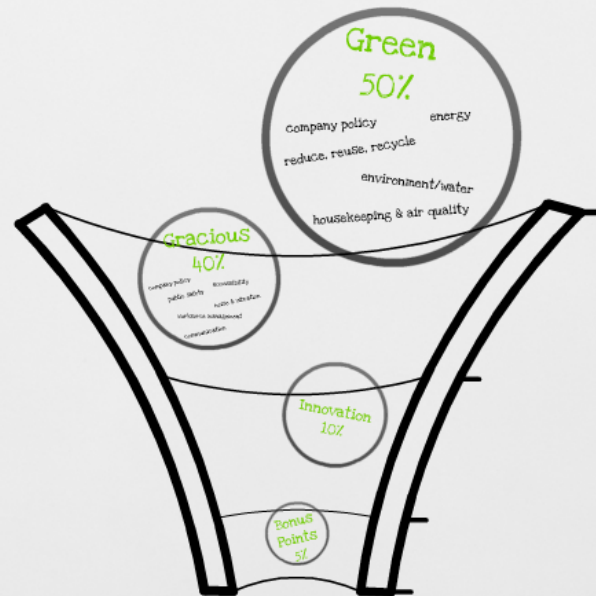


Star

Excellent

Merit

Certified



ASSESSMENT CRITERIA

Green

50%

company policy

energy

reduce, reuse, recycle

environment/water

housekeeping & air quality

acious

40%

accessibility

safety

noise & vibration

Gracious

40%

company policy

accessibility

public safety

noise & vibration

workforce management

communication

ho

A hand-drawn diagram on a light gray background. A central circle is drawn with a dark gray outline. Inside the circle, the word "Innovation" is written in a green, slightly irregular font, with "10%" written below it in the same style. To the right of the circle, two thick black lines curve upwards and to the right. A thin black line curves from the left side of the circle towards the right, crossing the top of the circle.

Innovation
10%



Bonus
Points
5%



Green Best Practices -
Reduce/ Reuse / Recycle
177,937,001 views
HDCYT ★★★★★

Green Best Practices - Environment/ Water
110,107,076 views
KrowBatello ★★★★★

Green Best Practices -
Housekeeping & Air Quality
71,293,670 views
behindthesecret ★★★★★

Green Best Practices - Energy
141,066,035 views
judsonlapply ★★★★★

Gracious Best Practices - Public Safety
86,481,885 views
hollywoodrecords ★★★★★

Gracious Best Practices -
Workforce Management
70,022,393 views
Kicesle ★★★★★

Gracious Best Practices - Accessibility
114,371,965 views
BlackOleg ★★★★★

Gracious Best Practices - Noise & Vibration
78,814,465 views
NeilCicierega ★★★★★

Gracious Best Practices - Communication
66,444,075 views
wolf084 ★★★★★

GREEN and GRACIOUS
Green Best Practices
114,200,703 views
UltraRecords ★★★★★

Innovative Green & Gracious Best Practices
71,973,201 views
guitar90 ★★★★★

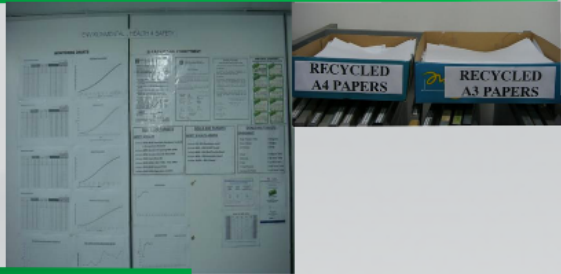
Innovative Green & Gracious Best Practices

Integrated modular formwork system



Protective coat on plywood surface allows reuse up to 120 times!!

Wastage monitoring chart displayed on site & Using recycled paper



Reduce Timber Aluminium Runner



Conventional formwork system



Aluminium protected formwork panel prolong plywood lifespan

Green Best Practices - Reduce/ Reuse / Recycle

177,937,001 views

HDCYT





North south orientation of site office and greening of site office to reduce energy consumption.



Use of solar cells for site office and powering noise meter



Refrigerators and split air conditioning units with green ratings are used in the site office.

Green Best Practices - Energy

141,066,035 views

★ judsonlaipply



Gr

11

B



Green Best Practices - Environment/ water

110,107,076 views

KrowBatellio





Cover stock pile



Full time health supervisor



Milled waste access



steel plate access



Green Best Practices - Housekeeping & Air Quality

71,293,670 views

behindthesecret





Traffic controller deployed at site to help the pedestrian and road users



Proper signs to forewarn both motorists and pedestrians



Provided ramp for public walk way

Gracious Best Practices - Accessibility

114,371,965 views

★ **BlackOleg**





convex mirror at site entrances



vehicular barriers



Gracious Best Practices - Public Safety

86,481,885 views

★ hollywoodrecords



ite



Using noise barriers to mitigate noise at source



Using high hoarding as noise barrier

Gracious Best Practices - Noise & Vibration

78,814,465 views

★ NeilCicierega





Communication with neighbouring residents makes the difference



Going the extra mile – Builder built air conditioners and curtain louvers for school beside the construction site



company banners with contact details

Gracious Best Practices - Communication

66,444,075 views

wolf084





Gracious Best Practices - Workforce Management

70,022,393 views

kicesie





air-con condensate



desanding machine



earth control measures



automated
wheel washing
bay

Innovative Green & Gracious Best Practices

71,973,201 views

★
guitar90





extensive
use of
greeneries



tree protection



Innovative Green & Gracious Best Practices

Incentives

→ Construction
Productivity & Capability
Fund

→ Green Mark Version 4

→ GGBS as an evaluating
criterion during PQM
for tender evaluation

GREEN and GRACIOUS

G REEN AND GRACIOUS BUILDER Star
G REEN AND GRACIOUS BUILDER Excellent
G REEN AND GRACIOUS BUILDER Merit
G REEN AND GRACIOUS BUILDER Certified

Builder Guide



Please refer to latest guidelines on
http://www.bca.gov.sg/Awards/GGBA/builders_award.html



114,200,703 views

★ **UltraRecords**



Thank You

