

MEDIA RELEASE

HONOURING THE BUILT ENVIRONMENT SECTOR FOR BUILDING SINGAPORE AT BCA AWARDS

- *City Developments Limited (CDL) first to bag the inaugural BCA Green Mark Pearl Prestige Award, the highest tier in this new award category*
- *Mapletree Investments Pte Ltd joins the ranks of BCA Green Mark Champion*
- *CLC's "Built by Singapore" publication to document nation-building contributions of built environment sector*

14 May 2015, Singapore – National Development Minister Khaw Boon Wan presented top awards at the BCA Awards ceremony today, including the inaugural BCA Green Mark Pearl Prestige and Pearl Awards and the latest BCA Green Mark Champion. A record number of 372 BCA Awards for construction excellence, design and engineering safety, universal design, construction productivity and green buildings were given out at the event.

BCA Green Mark Pearl and Pearl Prestige winners

2. This year, CDL emerged the first winner of the inaugural BCA Green Mark Pearl Prestige Award (refer to annex A) for City House, an existing Green Mark Platinum building in the Central Business District. The building has clearly demonstrated outstanding total building performance where 70% of its interior office spaces are also certified to Green Mark Office Interiors standards.

3. Since 2011, CDL has set a target to achieve a minimum of BCA Green Mark GoldPLUS for all existing buildings. It has also worked closely with its commercial tenants to achieve greater environmental sustainability. Examples of engagement initiatives include participation in the CDL Green Lease Partnership Programme where the landlord has a dedicated team of Green Lease Ambassadors working with tenants on the energy performance of occupant-centric spaces, "1°C Up" Programme, green fitting-out kits and recycling programmes. As of April 2015, close to 80% of CDL's commercial tenants have signed the Green Lease Memorandum of Understanding under the Green Lease Partnership Programme, pledging to monitor and reduce energy consumption.

4. Taking the lead on tenant sustainability initiatives is a key strength for many award winners. Pearl Award winner Raffles Quay Asset Management (RQAM) has several key sustainability practices in place for its tenants. This includes the implementation of a Management Regulation manual to every tenant where power, lighting and air-conditioning allocations are clearly specified. A Green Guide is also provided to aid their understanding and working towards environmental sustainability. The guide introduces water efficiency, office recycling programmes and the use of energy efficient lighting. Regular meetings with tenants are also arranged to share knowledge on green measures.

5. Other Pearl Award winners include:

- i) Manulife Centre and Tampines Grande by CDL
- ii) ONE@Changi City by Ascendas Frasers Ptd Ltd
- iii) DNV GL Technology Centre by Ascendas Land (Singapore) Pte Ltd

6. Dr John Keung, CEO of BCA, commented, “BCA is moving on to the third phase of our green building movement, targeting the building occupants, as electricity consumption within occupant facilities commonly contribute as much as 50% of a commercial building’s electrical consumption, with air-conditioning and common facilities taking up the other half. It is no surprise that CDL, our very first Green Mark Platinum Champion, has embarked on dedicated tenant engagement initiatives and is leading the way towards total building performance through landlord-tenant collaboration.”

BCA Green Mark Champion winner: Mapletree Investments Pte Ltd

7. “We also welcome Mapletree Investments in joining the ranks of a Green Mark Champion, where like the other eight Green Mark Champions, are part of a selected group of leading organisations who fully appreciate the value of environmental sustainability from the business perspective and has demonstrated strong commitment for high performance buildings, strengthening Singapore’s standing as a leading sustainable city in Asia,” added Dr John Keung.

8. Mapletree is the sole winner of the BCA Green Mark Champion Award (refer to Annex B) this year, with a total of 12 Green Mark projects that are rated Gold and above. This includes five Platinum and one Gold^{PLUS} awards.

9. Sustainable design is widely applied in Mapletree’s developments, and the Group is reaping the rewards of their labour. Their annual energy savings amount to more than 53 million kWh from its Green Mark accredited properties. This is equivalent to meeting the electricity needs of over 9,500 Singapore households for one year.

10. The upcoming Mapletree Business City II, which is slated to be completed in 2016, will also adopt environmentally sustainable building practices. It has been designed to Green Mark Platinum standards.

Launch of CLC's publication "Built by Singapore"

11. Minister Khaw also launched a book today to document the contributions and transformation of the built environment sector at the BCA Awards ceremony. Titled "Built by Singapore: From Slums to a Sustainable Built Environment", the publication was developed by the Centre for Liveable Cities (CLC) under the Ministry of National Development (MND), in collaboration with BCA and the Housing and Development Board (HDB).

12. The book is the latest addition to CLC's Urban System Studies (USS) which is a series of research publications by the CLC in collaboration with relevant government agencies, based on interviews with urban pioneers and leaders, to document Singapore's development.

13. It focuses on the evolution of Singapore's built environment sector, key challenges faced by the sector, and how it has played a crucial role in transforming Singapore into a modern cosmopolitan city with world-class infrastructure. Key lessons highlighted in the book, including the need to improve the way we build and develop local construction capabilities, will serve as useful knowledge for practitioners and policy makers who have to tackle new challenges in this field.

14. Members of the public can also access the book from CLC's website at <http://www.clc.gov.sg/Publications/USS2014.htm>.

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About BCA

The Building and Construction Authority (BCA) of Singapore champions the development of an excellent built environment for Singapore. BCA's mission is to shape a safe, high quality, sustainable and friendly built environment, as these are four key elements where BCA has a significant influence. In doing so, it aims to differentiate Singapore's built environment from those of other cities and contribute to a better quality of life for everyone in Singapore. Hence, its vision is to have "a future-ready built environment for Singapore". Together with its education arm, the BCA Academy, BCA works closely with its industry partners to develop skills and expertise that help shape a future-ready built environment for Singapore. For more information, visit www.bca.gov.sg.

Annex A

BCA Green Mark Pearl Award 2015

The Award

The BCA Green Mark Pearl Award was launched in September 2014. The new prestigious Award recognises the strong commitment of developers, building owners, landlords and tenants of the same project/building working in tandem to achieve greater environmental sustainability for their project/building. The Award is given to developers, building owners and landlords who have a substantial number of tenants who are Green Mark certified under the Green Mark occupant-centric schemes within a base building which is Green Mark Gold^{PLUS} or higher.

The Award aims to:

- a) Emphasise the importance of total building performance of the building/ project
- b) Accord recognition to developers, building owners and landlords who have made an effort and taken active steps to work with their tenants to shape their behaviour and operational practices
- c) Encourage developers and building owners to ensure that their green building is operating and performing as designed, both from the outside (i.e. common areas and building services within the developer/ building owner/ landlord's control) and inside (i.e. tenanted spaces)
- d) Recognise developers, building owners and landlords who demonstrate thought leadership

Category of Awards

There are two tiers of the Award – Green Mark Pearl Award and Green Mark Pearl Prestige Award.

The Awards are given out for the following three building types:

- i) Commercial offices
- ii) Retail malls
- iii) Business park developments

For mixed developments, applicants can choose to split up the application for the award based on each component as long as they meet the eligibility criteria. The award category of the projects shall be based on the predominant use of the building.

Please visit our BCA website for more information on the eligibility criteria and assessment criteria: http://www.bca.gov.sg/newsroom/others/pr01092014_3GBMB.pdf

Annex B

BCA Green Mark Awards 2015

BCA Green Mark Pearl Prestige Award	1
BCA Green Mark Pearl Award	5
BCA Green Mark Champion	1
BCA Green Mark Platinum	70
BCA Green Mark Gold ^{PLUS}	58
BCA Green Mark Gold & Certified	86
Total	221

About the BCA Green Mark Scheme

The BCA Green Mark scheme was launched in 2005 as a key strategic programme to raise the awareness of sustainable and environmentally friendly buildings. It evaluates buildings for their environmental impact and performance. The benefits of BCA Green Mark buildings include cost savings resulting from efficient use of key resources such as energy and water, leading to lower operational and maintenance costs. Other less tangible benefits include enhanced occupant productivity and health due to good indoor environmental quality.

Buildings are assessed under the following criteria:

- Energy Efficiency
- Water Efficiency
- Sustainable Management and Operation
- Indoor Environmental Quality
- Other Green Features

Under the assessment system, points are awarded for incorporating environmentally friendly and sustainable features which are better than normal practice. The total number of points obtained translates to the respective award ratings of Certified, Gold, Gold^{PLUS}, and Platinum in ascending order of merit.

BCA Green Mark Champion Award 2015

The BCA Green Mark Champion Award was launched at BCA Awards 2008. This award recognises developers with strong commitment towards corporate social responsibility and outstanding achievements in environmental sustainability. It is given to developers who achieve a substantial number of Green Mark buildings at Gold level and higher.

There are two categories for the award:

- BCA Green Mark Champion
- BCA Green Mark Platinum Champion

Besides demonstrating strong commitment towards corporate social responsibility and environmental sustainability, developers must meet these criteria to qualify:

Key Assessment Criteria

Total Number of Buildings Rated	BCA Green Mark Champion	BCA Green Mark Platinum Champion
BCA Green Mark Gold & above	At least 10	At least 50
BCA Green Mark Gold ^{PLUS} & above	At least 3	At least 15
BCA Green Mark Platinum & above	At least 3	At least 15