

MEDIA RELEASE

GREEN MARK 10TH ANNIVERSARY COMMEMORATIVE BOOK LAUNCH MARKS SINGAPORE'S DECADE-LONG GREEN BUILDING JOURNEY

4 September 2015, Singapore – “Realising Singapore’s Green Building Dream: Towards a Future-Ready Built Environment”, a limited edition book was launched today at the “BCA Breakfast Talk for CEOs”, a side event at The Singapore Green Building Week 2015 held at Marina Bay Sands. The book features fifty significant projects, many which are **first-of-its-kind** epitomising key elements of sustainability with an impressive range spanning a hospital, hotel, school, wildlife park, to a zero energy building and carbon neutral development.

2. One of the buildings featured in the book is the National Library at Victoria Street. It was the first new building at that time to be awarded BCA Green Mark Platinum in 2005. Since then, many other green buildings have dotted the city including CapitaGreen by CapitaLand Limited, Singapore’s first building constructed using supercrete, a special grade 100 ultra-high strength concrete that helps to cut down the amount of concrete required.

3. Mr Khaw Boon Wan, Minister for National Development, in the book’s foreword said that, “As an urbanised city, our buildings play an important role in sustainable development. Today, ten years after the launch of the BCA Green Mark Scheme, we have greened 29 per cent of our built environment. This makes Singapore one of the greenest cities globally. It is an important milestone”.

Three key observations over the decade

4. Firstly, over the decade of Singapore's green building journey, it has been established that there is a strong business case for existing buildings to undergo energy efficient retrofitting works. A recent study of 83 retrofitted Green Mark existing buildings showed an average 42% improvement in chiller plant efficiency, translating to energy savings of about **S\$41 million savings annually or savings equivalent to powering 35,000 four-room HDB flats.**

5. Secondly, Green Mark buildings have seen an average greenery replacement of more than two times the site area. As we embark on the next decade, the Green Mark scheme will continue to promote greenery and support Singapore's efforts to become a City in a Garden.

6. Thirdly, the BCA Green Mark has also played a key role in propelling solar photovoltaic (PV) installations in Singapore. As at 2014, solar PV systems designed for and installed in Green Mark projects accounted for about half of Singapore's grid-connected installed capacity of around 15 megawatt peak (MWp).

7. Building on the last decade's progress, BCA will be placing more emphasis on engaging tenants and end-users of buildings to play their part in the green building journey. In the latest Building Energy Benchmarking Report released by BCA, it was found that tenants' electricity consumption **continued to be comparable** to that of the building owner. The pro-active owner-tenant collaboration demonstrated by City House is a pioneering example. Seventy percent of its interior office spaces occupied by multiple tenants are certified to Green Mark Office Interiors standards, a first in Singapore for an office building. The existing Green Mark Platinum building in the Central Business District, which is owned and managed by City Developments Limited (CDL), received the inaugural Green Mark Pearl Prestige Award this year for its leadership in driving total building performance.

Smart and green buildings

8. Dr John Keung, CEO of BCA, said, “As Singapore moves ahead to become the world’s first Smart Nation, BCA will help make it possible as part of the whole-of-government effort. Smarter buildings can lead to greener and healthier living environments, and technology can help to optimise performance and increase resource efficiency, thereby saving energy, enhancing indoor environmental quality”.

9. At the “BCA Breakfast Talk for CEOs”, Mr Kwek Leng Joo, Deputy Chairman, City Developments Limited (CDL), the inaugural BCA-SGBC Green Visionary Award recipient this year, shared CDL’s 20-Year journey in the built environment. The Visionary Award was introduced to commend forerunners who have made ground-breaking contributions or revolutionised industry practises, and continue to lead and influence sustainability efforts locally and regionally. Another prominent speaker, the newly-appointed CEO of the World Green Building Council Terri Wills (Ms) presented on the challenges faced and efforts undertaken by cities to drive sustainability in the built environment.

10. Members of the public can access the Green Mark 10th Anniversary Commemorative book from BCA’s website, www.bca.gov.sg.

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About Building and Construction Authority

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.

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