

Skyrise Greenery Awards 2015 Uncovering New Frontiers

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Images as credited

Singapore's vision of a City in a Garden has transformed it into a vibrant tropical metropolis. Throughout the decades, Singapore has worked towards integrating greenery into its built environment so as to enhance its liveability. Today, Singapore is home to some of the greenest, lushest, and most sustainable buildings in the world. Singapore currently has 72 hectares of rooftop greenery, which is equivalent to 101 football fields. Many developments are eminent showcases of this increasingly popular greening concept, and the Skyrise Greenery Awards aims to highlight and recognise these developments.

Besides recognising the project teams behind outstanding skyrise greenery developments, the Skyrise Greenery Awards, which is into its sixth edition this year, hopes to acknowledge skyrise greenery installations that have pushed new frontiers and broken norms.

This year, the Skyrise Greenery Awards attracted a record number of 123 entries from a wide diversity of developments. Besides the steady growth in the submissions of commercial developments, the awards has seen a jump in the number of private residential and public infrastructure projects. As Singapore continues to urbanise, skyrise greenery offers immense opportunities for the retention of greenery and presents challenges for the integration of nature with her built environment.

Skyrise Greenery Awards 2015 was restructured to ensure that entries are judged according to their building categories when vying for the Excellence Awards. At the apex of the awards structure sits the Outstanding Award, a distinguished honour given to a single premier project. In addition, seven Excellence Awards credit projects that display exemplary incorporation and

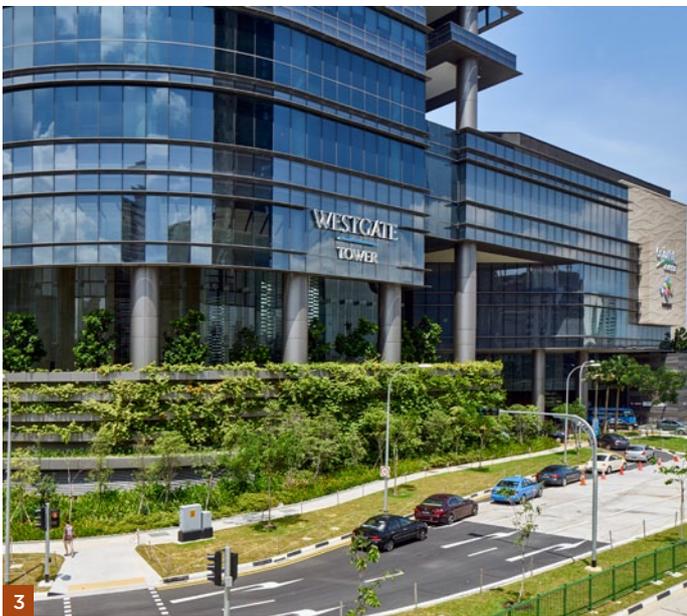
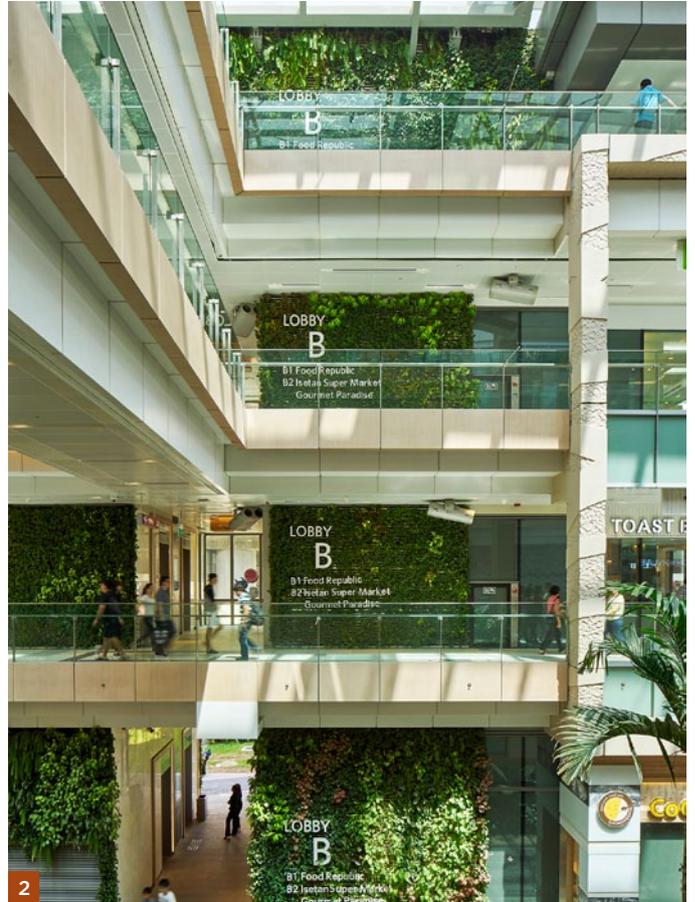
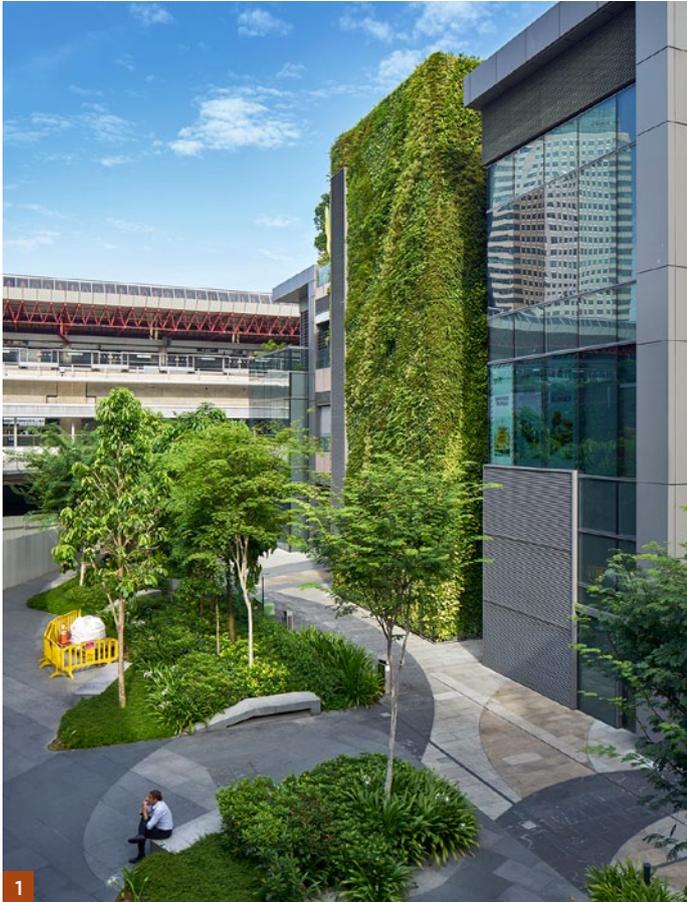
execution of skyrise greenery within their development, both in terms of design and functionality. Four Special Awards recognise project owners for their successful implementation of unique features, in particular, community engagement, retrofit, and DIY skyrise greenery.

The winners of Skyrise Greenery Awards 2015 will receive their awards at the opening ceremony of GreenUrbanScape Asia (GUSA) 2015. This award ceremony sets the stage for the third International Skyrise Greenery Conference (ISGC), where international and local industry leaders will share new insights revolving around the theme "Living Architecture, Engineering Sustainable Environments". ISGC 2015 is held alongside GUSA 2015 from 5 to 7 November at Singapore Expo.

For more information: www.nparks.gov.sg/skyrisegreenery

- 1, 2. The extensive outdoor and indoor vertical greenery of Westgate readily catches one's eye (Photo: Coen Design International Pte Ltd).
3. Cascading terraces of plants front the office tower of Westgate (Photo: Coen Design International Pte Ltd).

OUTSTANDING AWARD



Westgate

award recipients CapitaLand Group, RSP Architects Planners & Engineers (Pte) Ltd, Coen Design International Pte Ltd, Nature Landscapes Pte Ltd, Greenhouse Design & Build Pte Ltd, and Shimizu Corporation skyrise greenery completion date Q3 2013

Westgate, a commercial mall and office tower located in Jurong East, is a stunning architectural centrepiece with verdant vertical greenery. Green walls clad the exterior of the development and extend indoors, bringing nature closer to the shoppers and providing visual respite to commuters passing by Jurong East MRT Station.

Landscaped rooftop gardens are added onto the top levels of the mall and office tower, providing a green recreational space for the shoppers and tower users. Greenery is also integrated into the perimeter of the Westgate Wonderland playground, so children can immerse themselves in a green and lush play area in the heart of a busy mall.

EXCELLENCE AWARDS

Commercial / Industrial



Jem

award recipients Lend Lease Retail Investments 3 Pte Ltd, SAA Architects Pte Ltd, ICN Design International Pte Ltd, and HASSELL
skyrise greenery completion date Q2 2013

Jem, which adopted a strategy to replace more than 100 percent of the greenery lost from the site area due to building, has an elevated skypark with a total area of 8,000 square metres spanning levels 5 to 7. It also has a façade dotted with vertical greenery that spans more than 20 metres from the ground level to the top of the office block.

EXCELLENCE AWARDS

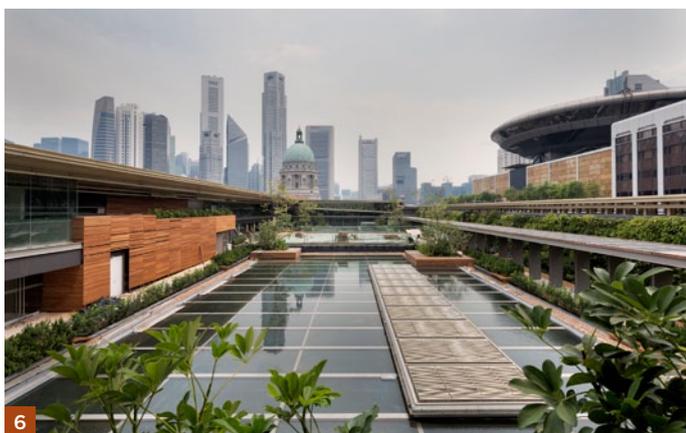
Community Facility



Lee Kong Chian Natural History Museum

award recipients National University of Singapore, W Architects Pte Ltd, Tierra Design (S) Pte Ltd, and Flora Landscape Pte Ltd
skyrise greenery completion date Q1 2015

The Lee Kong Chian Natural History Museum has a building façade that resembles a “moss-covered rock” and a rooftop consisting of three thematic educational gardens.



National Gallery Singapore

award recipients National Gallery Singapore, studioMilou Singapore Pte Ltd, CPG Consultants Pte Ltd, ICN Design International Pte Ltd, Takenaka-Singapore Piling Joint Venture, and Flora Landscape Pte Ltd
skyrise greenery completion date Q1 2015

National Gallery Singapore has integrated its skyrise greenery with the restorative works of the former Supreme Court and City Hall buildings. A rooftop garden with an area of 3,000 square metres and a 129-metre-long green wall now serve as a green canvas for this historical building.

4. The multi-tiered greenery of Jem shopping mall (Photo: Jem).
5. The façade of the Lee Kong Chian Natural History Museum (Photo: National University of Singapore).
6. The new National Gallery Singapore, slated to open in end 2015, features a rooftop garden (Photo: Fernando Javier Urquijo/ studioMilou Singapore).

EXCELLENCE AWARDS Educational Institution



Nanyang Polytechnic

award recipient Nanyang Polytechnic skyrise greenery
completion date Q4 2013

Nanyang Polytechnic's concrete spaces have been innovatively transformed into beautiful roof gardens surrounded by lush vertical greenery. Ample seating and shelters provide wonderful social spaces that attract students to interact and relax there.

EXCELLENCE AWARDS Residential (Multiunits)



SkyTerrace @ Dawson

award recipients Housing and Development Board, SCDA Architects Pte Ltd, and SCDA Landscape Pte Ltd skyrise greenery
completion date Q2 2015

SkyTerrace @ Dawson features cascading green terraces and edge planters that screen much of the multistorey car park, culminating in a green landscaped roof. Six landscaped sky terraces link the six residential blocks together, providing conducive spaces for social interaction.



The Interlace

award recipients Ankerite Pte Ltd (Joint Development between CapitaLand Residential and HPL), RSP Architects Planners & Engineers (Pte) Ltd, ICN Design International Pte Ltd, T.Y. Lin International Pte Ltd, and Woh Hup (Pte) Ltd skyrise greenery
completion date Q3 2013

The Interlace was envisaged as a "vertical village" rising from the Southern Ridges' green mantle. A multi-tiered landscape was developed through the incorporation of podiums, elevated terraces, mid-level decks, roof gardens, green roofs, and other green features.

7. An innovative rooftop garden at Nanyang Polytechnic (Photo: Nanyang Polytechnic).
8. Cascading green terraces line the multistorey car park of SkyTerrace @ Dawson (Photo: SCDA Architects Pte Ltd).
9. The hexagonal layout of the Interlace creates multiple sky gardens (Photo: Craig Sheppard).
10. Cornwall Gardens' rooftop spaces were converted into gardens and verandahs (Photo: Albert Lim KS).

EXCELLENCE AWARDS

Residential (Small-scale)



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Cornwall Gardens

award recipients The Choo Family, CHANG Architects, Hawaii Landscape Pte Ltd, City-Tech Associates, LCH Quantity Surveying Consultant, Kian Huat Decoration Construction Pte Ltd, and The Water Consultant Group Pte Ltd **skyrise greenery completion date** Q3 2014

Designed to integrate nature with living spaces, Cornwall Gardens' rooftop spaces were converted into gardens and verandahs. Plants line the peripheries of the rooms and overlook the central pool.

SPECIAL AWARD FOR COMMUNITY ENGAGEMENT



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Spectra Secondary School

award recipient Spectra Secondary School **skyrise greenery completion date** Q4 2014

Spectra Secondary School's Edible Learning Garden is home to over 70 varieties of plants, most of which are edible. The garden is an educational tool that is used to teach students about the crops and their use in the culinary module of their Hospitality course.

SPECIAL AWARD FOR DIY PROJECT



12

The Green Line @ NatSteel

award recipient NatSteel Holdings Pte Ltd **skyrise greenery completion date** Q2 2014

The Green Line is a DIY vertical project comprising 2,673 pots of plants, which was initiated by the Green Committee of NatSteel Holdings. For greater sustainability, recycled steel materials from the steel plant were used in the project.

11. Students of Spectra Secondary School can use its rooftop garden to learn more about the plants (Photo: Phoon Lyvenne).

12. A vertical garden of over 2,600 potted plants built by the staff of NatSteel Holdings (Photo: National Parks Board).

SPECIAL AWARD FOR RETROFIT PROJECT



KK Women's and Children's Hospital

award recipients KK Women's and Children's Hospital, Zahidi A R Arkitek, and Plantwerkz Pte Ltd skyrise greenery completion date Q3 2012

To create a more pleasant environment and aid patients' recoveries, KK Women's and Children's Hospital added a 4,400-square-metre green roof to its property. The green roof has also been successful in reducing ambient and surface temperatures.



Liang Seah Place

award recipients Tan Jin Chwee & Co (Pte) Ltd, Yi Architects, and Long Yuan Garden Landscape skyrise greenery completion date Q4 2011

Liang Seah Place demonstrates the successful transformation of a conservation building with an unusable pitched roof into a 17,000-square-metre roof garden that residents can utilise for recreation. 

13. The retrofitted green roof helps to create a pleasant environment at KK Women's and Children's Hospital (Photo: National Parks Board).

14. The rooftop garden at Liang Seah Place is a good hangout space for the residents (Photo: National Parks Board).