



**CITY
DEVELOPMENTS
LIMITED**

News Release

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FIABCI WORLD PRIX D'EXCELLENCE AWARDS 2015 – CDL EMERGES THE ONLY WORLD GOLD WINNER FROM SINGAPORE

- *Tree House condominium, the only World Gold Winner from Singapore, tops the Sustainable Development category for its breakthrough design and green features*
- *CDL has most FIABCI World Awards, 13 to date, amongst Singapore developers*

City Developments Limited (CDL)'s Tree House condominium was awarded World Gold Winner in the Sustainable Development category at the FIABCI World Prix d'Excellence Awards 2015 held in Kuala Lumpur on Saturday, 30 May 2015. It emerged the only World Gold winner from Singapore. To date, CDL has 13 FIABCI World Prix d'Excellence accolades, the most amongst local developers.

Awarded by an international panel comprising real estate professionals and experts, the FIABCI World Prix d'Excellence Award is one of the highest industry honours conferred on outstanding projects that embody excellence in all real estate disciplines involved in their creation.

CDL's Deputy Chairman Mr Kwek Leng Joo said, "As the world faces rapid urbanisation and significant population growth, natural resources are fast diminishing. Thus, the need for sustainable development becomes more critical and pronounced. The real estate industry, which has great environmental impact, must continually evolve and seek green building innovations, sustainable engineering solutions and more efficient use of resources."

"Since 1995, CDL has remained steadfast in our commitment to green buildings as well as sustainable living and development. By championing green innovations, we strive to conserve as we construct, building a sustainable future for generations to come."

With a strong belief that developers can and must exercise greater environmental stewardship in their operations, CDL has been investing 2% to 5% of the construction costs of a new project in eco-friendly features and innovations.

Situated at Chestnut Avenue and flanked by lush greenery, Tree House is an eco-inspired condominium that is home to the world's largest vertical garden. Spanning a total site area of 22,700.40 m² and comprising four 24-storey towers with 429 units, Tree House achieved a Guinness World Record for its stunning 24-storey 2,289 m² vertical garden in April 2014.

Beyond aesthetic appeal, the vertical garden provides natural insulation and helps to filter pollutants and carbon dioxide out of the air. It also reduces heat absorption and lowers the energy needed to cool indoor spaces. Recent research studies by the National University of Singapore have shown that the 48 west-facing bedrooms insulated by the vertical garden are expected to achieve air-conditioning energy savings of 98,000 kWh / year, or about S\$23,000 annually based on prevailing tariff rate.

Tree House's extensive array of green features include heat-reducing laminated green tinted windows and lifts with Variable Voltage and Variable Frequency motor drive and sleep mode programming, all of which are expected to result in approximate energy and water savings of over S\$500,000 annually.

Underscoring its steadfast commitment towards green building innovation and architectural excellence, CDL developments have been winners of the FIABCI World Prix d'Excellence Awards for close to two decades. CDL's flagship commercial property, Republic Plaza, was the first Singapore development to clinch a FIABCI Prix d'Excellence Award in 1997.

Please refer to:

ANNEX A: Fact Sheet on Tree House

ANNEX B: List of CDL's FIABCI World Prix d'Excellence Awards

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FACT SHEET ON TREE HOUSE

Tree House – Guinness World Record for Largest Vertical Garden*



Surrounded by the lush greenery, Tree House is a nature and eco-inspired development located at Chestnut Avenue. It comprises four 24-storey towers with 429 units, and is home to the world's largest vertical garden.

Approximately 2.7% of the total construction cost was invested into the development of the condominium's green innovations, which is expected to result in energy savings of over 2,400,000 kWh per year and water savings of 30,000 m³ per year, or approximately a total of over S\$500,000 per year.

In addition to the vertical garden, the majestic Chestnut Tree Houses are another unique design feature of the condominium. Linked to the Tree Top Walk within Tree House, they offer residents the ethereal feeling of being back to nature while adding an aesthetic element to the landscaping.

The extensive cantilever of sky gardens at the 7th, 13th and 19th floor of each block also maximises greenery and provides shade for the internal spaces in Tree House.

INNOVATIVE AND SUSTAINABLE DESIGN / BUILDING METHODS/ BUILDING MATERIALS

- **World's Largest Vertical Garden – 2,289 m²**

Beyond aesthetic appeal, the vertical garden provides natural insulation and helps to filter pollutants and carbon dioxide out of the air.

Moreover, it reduces heat absorption and lowers the energy needed to cool indoor spaces. Based on a recent research study, this is expected to achieve air-conditioning energy savings of 98,000 kWh/year, or approximately S\$23,000 annually based on prevailing tariff rate, for the 48 west-facing master bedrooms insulated by the vertical garden.

- **“Bio-swales” for Treatment of Surface Runoff Water**

Taking advantage of the natural sloped terrain of the site, “bio-swales” were introduced to aid in the collection of rainwater for landscape irrigation purposes to collect and filter rain water for recycling

- **Water Efficient Features**

A rainwater harvesting system is used for irrigation of landscape. For key common areas, water sub-meters to monitor water usage are installed.

- **Energy Efficient Interior Fittings / Infrastructure**

Apartment units are fitted with energy efficient inverter air-conditioning (with 4 Green Ticks Energy Label) and gas heaters, as well as heat-reducing laminated green tinted windows.

Stairwells are fitted with motion activated lighting systems. Other common areas, lobbies and car park are fitted with energy-efficient lights (T5 and LED lighting).

Lifts come with Variable Voltage and Variable Frequency motor drive and sleep mode programming.

**As of April 2014*

ANNEX B

LIST OF CDL'S FIABCI WORLD PRIX D'EXCELLENCE AWARDS

	AWARDS
1.	Tree House , World Gold Winner, Sustainable Development Category, 2015
2.	One Shenton , World Gold Winner, Residential (High Rise) Category, 2014
3.	W Singapore – Sentosa Cove , World Silver Winner, Hotel Category, 2014
4.	11 Tampines Concourse , Winner, Sustainable Development Category, 2012
5.	7 & 9 Tampines Grande , Winner, Sustainable Development Category, 2011
6.	City Square Mall , First runner up, Retail Category, 2011
7.	The Sail @ Marina Bay , Winner, Residential (High-Rise) Category, 2010
8.	The St. Regis Singapore , Winner, Hotel Category, 2009
9.	The Pier at Robertson , Finalist, Residential Category, 2008
10.	Savannah CondoPark , Finalist, Residential Category, 2007
11.	Changi Rise , First Runner Up, Residential Category, 2006
12.	Goldenhill Villas , Second Runner Up, Residential Category, 2006
13.	Republic Plaza , Office/Industrial Category and Overall Winner, 1997