



**CITY  
DEVELOPMENTS  
LIMITED**

## News Release

26 May 2016

### **BCA AWARDS 2016 – CDL EXTENDS LEAD IN TENANT ENGAGEMENT AS THE MOST-AWARDED DEVELOPER IN GREEN MARK PEARL CATEGORY**

- Only developer to win top-tier Green Mark Pearl Prestige Award for two consecutive years
- Most-awarded developer in the Green Mark Pearl category, winning three out of the five awards given out
- Only developer to receive top honours, Quality Excellence Award – Quality Champion (Platinum) for four consecutive years, in recognition of its firm commitment and leadership in delivering high quality homes
- Over 90% of CDL's existing commercial tenants signed the Green Lease Memorandum of Understanding (MOU) under its Green Lease Partnership Programme

City Developments Limited (CDL) has emerged as the only developer to receive Building and Construction Authority (BCA) Green Mark Pearl Prestige Award for two straight years. The top-tier award recognises the concerted commitment of developers, building owners, landlords and tenants of the same building towards environmentally-friendly efforts.

Mr Grant Kelley, CDL Chief Executive Officer said, "Receiving the Green Mark Pearl Prestige Award for two consecutive years is a strong endorsement of our steadfast leadership commitment in greening our built environment. Over the years, CDL has pioneered green building innovations and championed industry-changing methods that enhance productivity, construction excellence and environmental sustainability. We have also introduced significant green property and facilities management efforts in our buildings."

"In line with BCA's 3rd Green Building Masterplan, beyond focusing on the building infrastructure, we recognise that CDL can work with our commercial tenants to play a bigger role in the green building movement. Our end-user initiatives have enabled tenants to adopt sustainable practices, achieve utility savings and lower their carbon footprint."

Developed and managed by CDL, 7 & 9 Tampines Grande is lauded with Green Mark Pearl Prestige Award for outstanding commercial tenant engagement. The Green Mark Platinum building embraces one of the largest and most extensive use of solar technology in a commercial property in Singapore. It is owned by Golden Crest Holdings Pte Ltd, a joint investment entity by CDL and Alpha Investment Partners Limited through Alpha Asia Macro Trends Fund II.

Two other CDL-managed and -developed buildings, 11 Tampines Concourse and Golden Crest Holdings-owned Central Mall (Office Tower), are also winners of BCA Green Mark Pearl Awards 2016. 11 Tampines Concourse, the first CarbonNeutral® development in Singapore and Asia Pacific, is a Green Mark Gold<sup>PLUS</sup> building, while the Central Mall (Office Tower) is a Green Mark Platinum building.

In total, CDL is the most-awarded developer in the Green Mark Pearl category, winning three out of the five awards given out this year.

Last year, CDL was the inaugural recipient of the BCA Green Mark Pearl Prestige Award for City House, a Green Mark Platinum building in the Central Business District. To date, CDL has garnered a total of two Green Mark Pearl Prestige and four Green Mark Pearl Awards – the most amongst local developers in Singapore.

In recognition of CDL's firm commitment and leadership in delivering high quality homes, the Company was also conferred the Quality Excellence Award – Quality Champion (Platinum) this year, making it the only developer to win this award for the fourth consecutive year.

### **CDL's Green Lease Partnership Achieves Over 90% Commitment Level**

As part of efforts to actively engage CDL's commercial tenants to use less energy through changes in behavior and daily operations, the CDL Green Lease Partnership Programme was introduced in 2014 to support tenants in reducing their energy consumption and environmental footprint. As at March 2016, over 90% of CDL's commercial tenants have signed the CDL Green Lease MOU, pledging their commitment to monitor, manage and reduce energy consumption.

Under the Programme, CDL has a dedicated team of Green Lease Ambassadors to guide tenants on 'greening' their offices by giving advice on indoor greenery, as well as energy and water conservation measures. The team of ambassadors also act as consultants to help tenants achieve the BCA Green Mark Office Interior certification.

Tenants are also empowered to have more control over their energy consumption via an energy monitoring portal that provides real-time half hourly updates of energy consumption. As an incentive to encourage greater energy conservation amongst tenants, CDL further introduced a 1% electricity rebate for those who attain 2% savings over the previous quarter's bill.

NCR Asia Pacific, a tenant at 7 & 9 Tampines Grande, leveraged CDL's green initiatives and attained Green Mark for Office Interior Gold certification this year. CDL fitted the perimeter lights of NCR Asia Pacific's office with photocell sensors, which reduce their energy consumption and increase utility savings. NCR Asia Pacific is also a participant of CDL's paper and lamp recycling programme, whereby CDL has created collection points within the building for tenants to place used paper and lamps for recycling.

Since 2005, CDL has been tracking the paper recycling rate across its commercial properties. In CDL-managed buildings, 1,057 tonnes of paper was recycled in 2015. CDL's paper recycling programme has seen increasing tenant participation from 68% in 2005 to 94% in 2015. Under the lamp recycling programme with Global Lamp Recyclers, 14,459 lamps were recycled in 2015.

### **Setting New Benchmarks for Building Industry**

Looking ahead, in support of the national vision for a smarter, greener and more liveable Singapore, CDL will continue to push boundaries to build quality developments that are more comfortable, resource-friendly and cater to a green and smart lifestyle.

Recently, CDL announced a partnership with the National University of Singapore (NUS) School of Design and Environment to promote innovations in smart, green building technologies. The first-of-its-kind NUS-CDL Smart Green Home and Tropical Technologies Laboratory (T<sup>2</sup> Lab) will conduct research such as developing smart building technologies for indoor and outdoor tropical environments.

By combining CDL's decades of expertise in pioneering sustainable building innovation with NUS' robust research culture, the initiatives will add greater value to homebuyers by creating practical and crucial solutions to meet their energy, security, mobility and healthcare needs.

### END ###

Please refer to:

ANNEX A - List of CDL's BCA Awards in 2016

ANNEX B - Fact Sheet on CDL's Green Mark Pearl Award Buildings

ANNEX C - CDL Green Tenant Engagement Initiatives

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**ANNEX A**

**LIST OF CDL'S BCA AWARDS IN 2016**

<b>CDL'S BCA AWARDS 2016 – HONOURS ROLL</b>	
<ul style="list-style-type: none"> <li>• <u>Only developer</u> to win top-tier Green Mark Pearl Prestige Award for <u>two consecutive years</u></li> <li>• <u>Most-awarded</u> developer in the Green Mark Pearl category, winning <u>three out of the five</u> awards given out</li> <li>• <u>Only developer</u> to receive top honours, Quality Excellence Award – Quality Champion (Platinum) for <u>four consecutive years</u>, in recognition of its firm commitment and leadership in delivering high quality homes</li> </ul>	
<b>CORPORATE AWARD</b>	
<b>QUALITY EXCELLENCE AWARD</b>	<ul style="list-style-type: none"> <li>• Quality Champion (Platinum)</li> </ul>
<b>PROJECT AWARDS</b>	
<b>GREEN MARK PEARL AWARD</b>	<p><u>Pearl Prestige</u></p> <ul style="list-style-type: none"> <li>• 7 &amp; 9 Tampines Grande (commercial building near Tampines Central, completed in 2009)</li> </ul> <p><u>Pearl</u></p> <ul style="list-style-type: none"> <li>• 11 Tampines Concourse (commercial building near Tampines Central, completed in 2009)</li> <li>• Central Mall (Office Tower) (office-cum-retail building located along Magazine Road, completed in 1997)</li> </ul>
<b>GREEN MARK AWARD</b>	<p><u>Gold<sup>PLUS</sup></u></p> <ul style="list-style-type: none"> <li>• Exchange Tower (retail-cum-office building located in the prime business district at Sukhumvit Road, Bangkok, Thailand, acquired in 2005)*</li> </ul>
<b>UNIVERSAL DESIGN MARK AWARD</b>	<p><u>Gold<sup>PLUS</sup></u></p> <ul style="list-style-type: none"> <li>• H<sub>2</sub>O Residences (condominium at Sengkang West Avenue and Fernvale Link, completed in 2015)</li> <li>• The Palette (condominium at Pasir Ris Grove, completed in 2015)</li> </ul> <p><u>Gold</u></p> <ul style="list-style-type: none"> <li>• The Rainforest (Executive Condominium at Choa Chu Kang Avenue 3, completed in 2015 )</li> </ul>
<b>CONSTRUCTION EXCELLENCE AWARD</b>	<p><u>Award</u></p> <ul style="list-style-type: none"> <li>• 368 Thomson (condominium at Thomson Road, completed in 2014)</li> <li>• Buckley Classique (condominium at Buckley Road, completed in 2014)</li> </ul>

	<p><u>Merit</u></p> <ul style="list-style-type: none"> <li>Nouvel 18 (condominium in the heart of the prestigious Ardmore and Anderson locale, completed in 2014)</li> </ul>
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*\*Recertification*

### Setting Benchmarks at BCA Awards

<u>Year</u>	<u>Achievement</u>
2002	<ul style="list-style-type: none"> <li>First developer in Singapore to receive BCA's Quality Mark certification for high workmanship standards for The Equatorial condominium</li> </ul>
2008	<ul style="list-style-type: none"> <li>Won the inaugural Green Mark Champion Award for its sustained efforts and outstanding achievement in environmental sustainability</li> </ul>
2009	<ul style="list-style-type: none"> <li>First developer to be accorded the Built Environment Leadership Platinum Award for its excellence and leadership in shaping a safe, high-quality and sustainable built environment in Singapore</li> </ul>
2011	<ul style="list-style-type: none"> <li>Won the inaugural Green Mark Platinum Champion and remains as the most Green Mark-accorded private sector developer in Singapore to date</li> </ul>
2013	<ul style="list-style-type: none"> <li>First developer to receive the prestigious Quality Excellence Award – Quality Champion (Platinum) for its firm commitment and leadership in delivering high quality homes. It remains the only developer to win this top honour for four consecutive years.</li> </ul>
2015	<ul style="list-style-type: none"> <li>First developer to win the inaugural Green Mark Pearl Prestige Award for City House, a Green Mark Platinum building in the Central Business District that demonstrates outstanding total building performance.</li> </ul>

### International Recognition for CDL's Leadership in Sustainability

- CDL was ranked the Top Real Estate Company and Top 10 Corporations in the prestigious Global 100 Most Sustainable Corporations in the World in 2016. This makes CDL the first and only Singapore company to be listed on the ranking for seven consecutive years.
- CDL also remains the first Singapore corporation to be listed on three of the world's leading sustainability benchmarks – FTSE4Good Index Series (since 2002), Global 100 Most Sustainable Corporations in the World (since 2010) and Dow Jones Sustainability Indices (since 2011).

**FACT SHEET ON CDL'S GREEN MARK PEARL AWARD BUILDINGS**

**Green Mark Pearl Prestige Award  
7 & 9 Tampines Grande**



Developed and managed by CDL, 7 & 9 Tampines Grande was lauded with Green Mark Pearl Prestige Award for outstanding commercial tenant engagement. The Green Mark Platinum building embraces one of the largest and most extensive use of solar technology in a commercial property in Singapore.

In addition, designed as a new-generation green office complex, 7 & 9 Tampines Grande features photocell sensors for perimeter lights, hybrid car park lots and water-efficient shower facilities, waterless urinals as well as extensive greenery and a rooftop garden.

To enable its tenants to monitor and manage their energy consumption, tenants are provided access to a digital monitoring portal that provides real-time half hourly updates of energy consumption, with rebates offered as an incentive to achieve significant energy savings.

Two tenants, NCR Asia Pacific and Aldwych International, also leveraged CDL's support to green fit their premises and attained the Green Mark for Office Interior certification this year.

The property is owned by Golden Crest Holdings Pte Ltd, a joint investment entity by CDL and Alpha Investment Partners Limited through Alpha Asia Macro Trends Fund II.

GREEN FEATURES	BENEFITS
<ul style="list-style-type: none"> <li>Photovoltaic panels and hot water solar panels installed on roofs, measuring a total of 1,910 m<sup>2</sup></li> </ul>	<ul style="list-style-type: none"> <li>Reduce maintenance and operational costs by tapping on renewable energy sources</li> </ul>
<ul style="list-style-type: none"> <li>Water-efficient fittings installed at all toilets and pantries</li> <li>Daylighting provisions with photocell sensors for perimeter lights installed</li> </ul>	<ul style="list-style-type: none"> <li>Reduce operational costs</li> </ul>
<ul style="list-style-type: none"> <li>Hybrid car park lots</li> <li>Bicycle lots and shower facility</li> <li>Extensive greenery and rooftop garden</li> </ul>	<ul style="list-style-type: none"> <li>Promote environmental conservation</li> </ul>

**Green Mark Pearl Award**  
**11 Tampines Concourse**



Developed and managed by CDL, 11 Tampines Concourse, a Green Mark Gold<sup>PLUS</sup> building, is a recipient of the Green Mark Pearl Award. The 108,000 square feet three-storey office building is also the first CarbonNeutral<sup>®</sup> development in Singapore and Asia Pacific.

Designed and built with environmental sustainability in mind, 11 Tampines Concourse is equipped with green features such as an innovative indoor non-compressor fresh air cooling system, natural day-lighting systems, photocell sensors, water-efficient fittings, waterless urinals, and use of low VOC paints for internal painting.

Aside from carbon neutralising the construction phase of 11 Tampines Concourse, CDL also offsets the carbon emissions from the building's ongoing annual operations, including tenants' emissions. To enable its tenants to monitor and manage their energy consumption, they are provided access to a digital monitoring portal that provides real-time half hourly updates of energy consumption, with rebates offered as an incentive to achieve significant energy savings.

This year, four of the building's tenants – Future Electronics Inc., British Council, Singex Exhibitions and ATPI – obtained the Green Mark for Office Interior certification.

GREEN FEATURES	BENEFITS
<ul style="list-style-type: none"> <li>• First building in Asia Pacific to incorporate an innovative, indoor non-compressor fresh air cooling system for smart temperature and humidity control</li> <li>• Extensive facade and roof greening with vertical greening area of 2,504 m<sup>2</sup> and green roof system of 1,921 m<sup>2</sup></li> <li>• Natural daylighting system in common areas allows for maximum daylight penetration at atrium and lift lobbies while specially-designed light shaft and sun pipes are installed in the restrooms</li> </ul>	<ul style="list-style-type: none"> <li>• Estimated overall energy savings of 620,000 kWh per year</li> <li>• Estimated energy savings of 42,000 kWh per year based on temperature of the common areas set at 26°C</li> <li>• Mitigates urban heat island effect and solar heat gain</li> <li>• Maximises natural daylighting</li> </ul>
<ul style="list-style-type: none"> <li>• Water-efficient fittings are installed in all the restrooms and Nano-coating applied on waterless urinals for deodorisation, sterilisation and ease of maintenance</li> </ul>	<ul style="list-style-type: none"> <li>• Reduces potable water usage and operational costs</li> <li>• Estimated overall water savings of 280 m<sup>3</sup> per year</li> </ul>
<ul style="list-style-type: none"> <li>• First building in Singapore constructed with extensive use of recycled materials for structural building components. The “Green Concrete” used comprises sustainable materials, namely copper slag, recycled concrete aggregates and ground granulated blast furnace slag</li> <li>• Use of environmentally-friendly materials in place of natural materials</li> </ul>	<ul style="list-style-type: none"> <li>• Reduces carbon dioxide emissions</li> <li>• Promotes conservation of natural resources</li> </ul>

<ul style="list-style-type: none"> <li>• Use of non-chemical anti-termite treatment to prevent subterranean termite attack and low VOC paints for all internal walls and ceilings</li> </ul>	<ul style="list-style-type: none"> <li>• Improves occupational health and comfort of building's users</li> </ul>
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**Green Mark Pearl Award  
Central Mall (Office Tower)**



Developed and managed by CDL, Central Mall (Office Tower), a Green Mark Platinum building, is a recipient of the Green Mark Pearl Award. Located along Magazine Road, the seven-storey office block comprises office with retail units.

The building's green features include high-efficiency chiller plant system, variable speed drives (VSDs) installed for air-handling units (AHUs), efficient light fittings at common areas, Carbon Monoxide (CO) sensors for the carpark, bicycle bays, motion sensors for stairwells and toilets, and a green roof. In addition, Central Mall (Office Tower) is also a Public Utilities Board (PUB) Water Efficient Building.

To monitor and manage their energy consumption, tenants have access to a digital monitoring portal that provides real-time half hourly updates of energy consumption, with rebates offered as an incentive to achieve significant energy savings. CDL also encourages its tenants to implement green practices at the workplace.

One such example is Grey Group, which has adopted usage of standing fans after working hours, green stationery, monitoring of water usage. Grey Group, and another tenant F H Bertling, attained the Green Mark for Office Interior certification this year.

The property is owned by Golden Crest Holdings Pte Ltd, a joint investment entity by CDL and Alpha Investment Partners Limited through Alpha Asia Macro Trends Fund II.

<b>GREEN FEATURES</b>	<b>BENEFITS</b>
<ul style="list-style-type: none"> <li>• High-efficiency chiller plant system with an efficiency of about 0.60 kilowatts per refrigeration tonne</li> </ul>	<ul style="list-style-type: none"> <li>• Reduce energy consumption. Estimated energy savings of 317,592 kWh per year</li> </ul>
<ul style="list-style-type: none"> <li>• Energy-saving LED lightings</li> <li>• CO sensors to control carpark ventilation fan to ensure the CO concentration is maintained below the permitted level</li> </ul>	<ul style="list-style-type: none"> <li>• Reduce energy consumption. Estimated energy savings of 33,107 kWh per year</li> </ul>
<ul style="list-style-type: none"> <li>• Green roof of about 245 m<sup>2</sup> is covered with vegetation planted over a waterproofing membrane</li> </ul>	<ul style="list-style-type: none"> <li>• Reduce urban heat island effect</li> </ul>



**CDL GREEN TENANT ENGAGEMENT INITIATIVES**



Since September 2014, CDL has progressively implemented the **CDL Green Lease Partnership programme** to engage, encourage and enable its commercial tenants to play a more proactive role in Singapore’s sustainable development agenda. This is in line with BCA’s 3rd Green Building Masterplan to engage tenants to manage and reduce their energy consumption and carbon footprint.

Under the programme, CDL’s team of **Green Lease Ambassadors** will advise tenants on “green fitting-out” and using environmentally-friendly materials, fittings, equipment and lighting fixtures to achieve greater energy efficiency.

In a first-of-its-kind collaboration between a property developer and energy retailer, CDL also partnered Tuas Power to jointly develop the **automated meter reading (AMR) portal** for its commercial tenants. The portal provides half-hourly updates of tenants’ energy consumption and can be accessed conveniently via mobile devices such as smartphones and tablets. This enables tenants to better keep track of their energy consumption and in turn, reduce electricity usage.

As of March 2016, over **90%** of CDL’s commercial tenants have signed the Green Lease MOU under the existing CDL Green Lease Partnership programme, pledging their commitment to monitor, manage and reduce energy consumption.



**Project Eco-Office** is a pioneering green campaign established with Singapore Environment Council (SEC) since 2002, with the aim of encouraging office workers, including CDL tenants to cultivate eco-friendly habits and manage precious resources in offices.

CDL provides its new tenants with a Project: Eco-Office Kit to promote the 3Rs – reuse, reduce and recycle. Designated corners with segregated waste disposal bins are strategically located in CDL buildings to promote recycling.

Project: Eco-Office has extended its outreach to not just CDL’s tenants but also across Singapore and the region.



**Paper recycling**

Since 2005, CDL has been tracking the paper recycling rate across its commercial properties. In CDL-managed buildings, 1,057 tonnes of paper was recycled in 2015. CDL’s paper recycling programme has seen increasing tenant participation from 68% in 2005 to 94% in 2015.

**Lamp recycling**

Under the lamp recycling programme with Global Lamp Recyclers, 14,459 lamps were recycled in 2015.



In 2007, CDL kicked off a “1°C Up Programme” which involves raising the air-conditioning temperature in offices by 1°C, to reduce energy consumption and raise eco-consciousness amongst tenants.

Since 2009, CDL has achieved a 100% tenant participation rate and this programme has also achieved energy savings of 2,080,000 kWh annually through this campaign.

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## GREEN FITTING- OUT KIT

Since 2009, CDL started providing a green fitting out kit to tenants in phases.

This kit comprises guidelines and checklists that pertain to fitting out works, and during the tenants' operation at the premises. The guidelines cover environmentally-friendly designs, materials, fittings, appliances, lighting fixtures, waste management, energy and water conservation measures and use of indoor greenery.

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