

News Release

7 October 2025

**CDL AND PARTNERS CELEBRATE THE GRADUATION OF THE
FIRST SME SUPPLIER DECARBONISATION QUEEN BEE PROGRAMME
IN THE REAL ESTATE INDUSTRY AND
UNVEILS CDL MICROFARM WITH LOCAL SME GRADUATE**

- **42 small and medium-sized enterprises (SMEs) graduate from the Programme, advancing their carbon accounting and decarbonisation capabilities**
- **Guest-of-Honour, Ms Low Yen Ling, Senior Minister of State for Trade and Industry, and Culture, Community and Youth, officiated the ceremony and launched the CDL MicroFarm with SME graduate V-Plus Agritech at the Singapore Sustainability Academy, City Square Mall**
- **Launch of an abridged version – CDL Queen Bee Compact Programme: a shorter, impact-focused course designed to accelerate SME readiness for a low-carbon future and equip them with essential decarbonisation skills**

City Developments Limited (CDL) marked a major milestone today in its SME Supplier Decarbonisation Queen Bee Programme (the Programme), celebrating the graduation of the first 42 local SMEs. The ceremony was officiated by Guest-of-Honour, Ms Low Yen Ling, Senior Minister of State for Trade and Industry, and Culture, Community and Youth, who also launched the CDL MicroFarm at the Singapore Sustainability Academy (SSA), located on Level 6 of City Square Mall, Singapore's first eco-mall.

CDL is the first real estate company in Singapore to lead such a programme dedicated to equipping SME suppliers with the knowledge, tools, and digital platforms to measure, manage, and reduce their carbon emissions. Launched in 2024 with the support of Enterprise Singapore (EnterpriseSG), the Programme is a collaboration with a certified B Corporation sustainability consultant, Global Green Connect (GGC), alongside carbon accounting IT solution providers, and DBS Bank as the financier partner. In Singapore, SMEs form over 99% of local enterprises, contribute more than 40% of GDP, and employ 70% of the workforce. As they also account for a significant share of national emissions through supply chains, strengthening SME capabilities is critical to achieving Singapore's net-zero ambition under the Green Plan 2030.

By empowering SMEs to adopt carbon accounting, develop decarbonisation roadmaps, and align with global reporting frameworks, the Programme not only strengthens supply chain resilience but also ensures that smaller businesses remain competitive in a rapidly evolving low-carbon economy. The graduation of the first 42 SMEs underscores CDL's commitment to fostering an ecosystem where public agencies, large corporates and SMEs work hand-in-hand to advance Singapore's decarbonisation, innovation, and sustainability goals.

Developed in collaboration with V-Plus Agritech, a local agritech SME and proud graduate of the Programme, and CDL's facilities management subsidiary, CBM Pte Ltd, the CDL MicroFarm exemplifies how CDL supports SME graduates in applying sustainability solutions beyond the classroom. V-Plus Agritech provided the farming technology and expertise, while CBM contributed facilities management knowledge, including electrical works, irrigation and flooring systems. Plants harvested from the MicroFarm will be distributed to staff at SSA and SSAA, contributing to Singapore's Green Plan "30 by 30" target of enhancing local food resilience.

Highlights of the CDL MicroFarm:

- **Up to 90% Water Savings:** Closed-loop design recycles water and nutrients with minimal loss.
- **Land-Saving Vertical Model:** Multi-tiered structure achieves up to 10 times more yield per square foot.
- **Low Chemical Footprint:** Soil-free system reduces pesticide use and soil-borne pests.
- **Accelerated Plant Growth:** Controlled nutrient delivery enables up to 30% faster cycles.

The event also marked the launch of an **abridged version of the Programme – CDL Queen Bee Compact: Accelerating SME Readiness for a Low-Carbon Future**. This new, condensed version of the original programme is tailored to SMEs that require a shorter but impactful learning journey. It aims to kickstart their sustainability leadership and equip them with essential capabilities, such as developing climate-related reports to stay ahead of growing client procurement requirements.

Mr Sherman Kwek, CDL's Group Chief Executive Officer, said, "To achieve Singapore's net zero goals, SMEs play a critical role. With large corporates striving to meet stringent carbon reporting requirements, there is a stronger business case for SMEs to embrace carbon reduction. In today's highly competitive economy, SMEs who show capacity for carbon reporting will stand out as preferred suppliers. Today, we celebrate the successful collaboration involving public agencies, private sector trainers, financiers, mid-sized companies and SBF. The 42 pioneering SMEs that have completed the SME Supplier Decarbonisation Queen Bee Programme reflect the vital role SMEs play in advancing Singapore's transition to a low-carbon economy."

Ms Cindy Khoo, Enterprise Singapore's Managing Director, said, "We are heartened by the success of the programme with CDL, which encourages more SME suppliers to kickstart their decarbonisation journey. Beyond improving operational efficiency, SME suppliers that embrace sustainable practices will enhance their competitiveness to better clinch business opportunities in a low-carbon future. We look forward to partnering more large corporates taking on a Queen Bee role to drive sustainability at scale among enterprises."

For more information, please refer to:

- Annex A – Background on the Programme and the SME graduates
- Annex B – Additional info on the CDL MicroFarm

Follow CDL Sustainability on social media:

Instagram: @CDL_sustainability/ [instagram.com/cdl_sustainability/](https://www.instagram.com/cdl_sustainability/)

Facebook: @CDLsustainability / [facebook.com/CDLsustainability/](https://www.facebook.com/CDLsustainability/)

LinkedIn: [linkedin.com/company/cdl-sustainability/](https://www.linkedin.com/company/cdl-sustainability/)

Issued by City Developments Limited (Co. Regn. No. 196300316Z)

For media enquiries, please contact CDL Corporate Communications:

Belinda Lee	<i>Head, Investor Relations & Corporate Communications</i>	
	+65 6877 8315	belindalee@cdl.com.sg
Eunice Yang	+65 6877 8338	eunicey@cdl.com.sg
Jill Tan	+65 6877 8484	jilltan@cdl.com.sg
Jane Sng	+65 6877 8369	jane.sng@cdl.com.sg

Follow CDL on social media:

Instagram: @citydevelopments / [instagram.com/citydevelopments](https://www.instagram.com/citydevelopments)

LinkedIn: [linkedin.com/company/citydevelopments](https://www.linkedin.com/company/citydevelopments)

X: @CityDevLtd / x.com/citydevltd

ANNEX A

Background on the CDL SME Supplier Decarbonisation Queen Bee Programme

CDL is the first real estate company in Singapore to lead a programme that is dedicated to equipping SME suppliers with the knowledge, tools, and digital platforms to measure, manage, and reduce their carbon emissions.

Launched in 2024 with the support of Enterprise Singapore (EnterpriseSG), the Programme strengthens supply chain resilience and ensures that smaller businesses remain competitive in a rapidly evolving low-carbon economy. It also empowers SMEs to adopt carbon accounting, develop decarbonisation roadmaps, and align with global reporting frameworks. In Singapore, SMEs form over 99% of local enterprises, contribute over 40% of the nation's GDP, and employ 70% of its workforce. As they also account for a significant share of national emissions through supply chains, strengthening SME capabilities is critical to achieving Singapore's net-zero ambition under the Green Plan 2030.

By empowering SMEs to adopt carbon accounting, develop decarbonisation roadmaps, and align with global reporting frameworks, the Programme strengthens supply chain resilience and ensures that smaller businesses remain competitive in a rapidly evolving low-carbon economy. The graduation of the first 42 SMEs underscores CDL's commitment to fostering an ecosystem where public agency, large corporates and SMEs work hand-in-hand to advance Singapore's decarbonisation, innovation, and sustainability goals.

Participating SMEs can gain knowledge and credibility for the data they are able to collect through the programme as the data collection framework is aligned with the requirements of CDP and SBTi. SMEs onboarding the Programme will build capabilities for carbon emissions reduction, with the help of Global Green Connect (GGC) in areas such as:

- Measuring carbon emissions
- Developing tailored decarbonisation roadmaps
- Implementing greenhouse gas reduction targets

GGC, a B-Corporation certified sustainability consultancy and academy established in 2013 to support businesses in embedding sustainability into strategic planning & operations, and value creation through advisory services and accredited training, has partnered with a panel of carbon accounting IT solution providers, including ESGTech and ESGpedia, to measure and report greenhouse gas (GHG) emissions from the participating SME suppliers. Additionally, the A*Star AdViSe platform for Life Cycle Assessment (LCA) & Life Cycle Costing (LCC) will streamline data collection, analysis and reporting to measure the environmental impact and cost efficiency of products/services.

Eligibility Criteria

- Business entity registered and operating in Singapore
- The company must have a minimum of 30% local ownership by Singapore citizens or PRs, based on ultimate individual shareholding
- Be a local SME and existing or potential supplier to CDL
- Have a strong commitment to decarbonisation
- Be open to building capabilities in carbon accounting, emissions tracking, and reporting

More information on the Programme: <https://globalgreenconnect.com/cdl-sme-supplier-queen-bee-programme/>

First Batch of 42 SME Graduates from the Programme

CONSTRUCTION & RENOVATION	
1. Boon Tian Contractor Pte Ltd 2. JPL Consultants Pte Ltd 3. Cho Associates Pte Ltd 4. Gush Pte Ltd 5. Krislite Pte Ltd 6. Hydrotechs Mechanical & Electrically Service Pte Ltd 7. Velocity Stone Pte Ltd 8. Astrid One Pte Ltd 9. Joe Green Marketing Pte Ltd	10. Maxbond Singapore Pte Ltd 11. Buildo Engineering Pte Ltd 12. Nature Landscapes Pte Ltd 13. Erect Group (Singapore) Pte Ltd 14. Data-Sphere (S) Pte Ltd 15. Hurry General Contractor Pte Ltd 16. TCG Construction Pte Ltd 17. Sing Wah Enterprise Pte Ltd
ENGINEERING & CONSULTANCY	
1. BELMACS Pte Ltd	2. Alpha Consulting Engineers Pte Ltd
WHOLESALE & RETAIL	
1. Playpoint (Singapore) Pte Ltd	2. Inter-Span Marketing Pte Ltd
INTERIOR & DESIGN SERVICES	
1. TA.LE Design Pte Ltd 2. Designhub International Pte Ltd	3. Woch Studio Pte Ltd
MECHANICAL & ELECTRICAL SERVICES	
1. Lim Kim Hai Electric Co (S) Pte Ltd 2. SAS M & E Pte Ltd 3. DLM Pte Ltd 4. Kembla Air-Con (S) Pte Ltd	5. Elicon Engineering Pte Ltd 6. App Engineering Pte Ltd 7. Syntigro Engineering Pte Ltd 8. Techniques Air-Conditioning & Engineering Pte Ltd
REAL ESTATE & PROPERTY SERVICES	
1. Huang Kee Building Maintenance Pte Ltd 2. CBM Pte Ltd	3. Nyee Phoe Flower Garden Pte Ltd
MANUFACTURING	
1. Flexi Systems (Singapore) Pte Ltd	2. GasHubUnited Utility Pte Ltd
TRANSPORT & LOGISTICS	
1. Cheng Fong Enterprises Pte Ltd	2. Hoy San Transport Pte Ltd
CREATIVE SERVICES	
1. Meta Fusion Pte Ltd	
AGRICULTURAL SERVICES	
1. V-Plus Agritech Pte Ltd	2. Kai Xiang Huat Pte Ltd

Testimonials from Selected SME Graduates

GasHubUnited Utility Pte Ltd

“As an energy provider, we are committed to reducing emissions for our clients and staying true to our decarbonisation roadmap. Being an SME, we need to also stay competitive while preparing for a future where sustainability matters, and the Queen Bee Programme equipped us with the knowledge and tools to reduce emissions, strengthen our processes, and demonstrate leadership as a responsible energy solutions provider. Beyond business, we believe in doing our part personally to combat global warming, showing that SMEs can lead by example in the industry.”

– Ms Joey Ng, Business Development Manager

Kai Xiang Huat Pte Ltd

“Recognising the shift toward sustainability, we joined the SME Supplier Queen Bee Programme to stay ahead of the curve and position ourselves competitively. As a small business with limited resources and no owned property, implementing green solutions was a challenge. But the programme made ESG approachable, even for companies starting from scratch. The guidance from the GGC team and examples from other suppliers gave us clarity and confidence to take meaningful steps forward.”

– Mr Donald Ng, Director

Meta Fusion Pte Ltd

“Joining the SME Supplier Decarbonisation Queen Bee Programme was a strategic decision for Meta Fusion. As an SME navigating finite resources and a fast-paced market, we saw the programme as a vital opportunity to sharpen our ESG capabilities so as to better collaborate with clients like CDL. The journey has been transformative, equipping us with practical tools, strategic insights, and a deeper understanding of ESG reporting. One of the most valuable aspects has been connecting with fellow SMEs, exchanging experiences, and growing together as a community. I wholeheartedly encourage other SMEs to take part in the programme as it's a powerful catalyst for growth and resilience.”

– Ms Bernadette Lee, Associate Director, Account Management

SAS M & E Pte Ltd

“As a turnkey contractor in air-conditioning and mechanical ventilation, we joined the SME Supplier Decarbonisation Queen Bee Programme with encouragement from Woh Hup, recognising the environmental impact of our industry. The programme opened our eyes, especially to the significant downstream emissions from our after-sales support, which accounted for over 30% of our total GHG emissions. With guidance from GGC, we've begun investing in technologies to recover and recycle these fugitive gases. More importantly, we've embedded carbon reporting across our operations, from procurement to maintenance. The programme gave us the clarity and confidence to take our first steps in decarbonisation, like a toddler learning to walk before running. For SMEs, this is a vital starting point to build a credible roadmap toward net zero.”

– Mr Yick Thong, Project Manager

Interviews with Selected SME Graduates

Gush

Hear from Gush: How Sustainability is Fueling Their Growth and Competitive Edge

– Mr Lester Leong, Co-Founder & CEO

URL: <https://youtu.be/m0tMSWahBrI?si=91BRGP2XinugAkfw>

V-Plus Agritech

Why Suppliers Must Start Decarbonising Now – V-Plus Agritech's Sustainability Journey

– Mr James Yin, Co-Founder/ Director

URL: <https://youtu.be/IO1BkJ00j34?si=aShLWnNQxcaYAZI8>

ANNEX B

Additional Information on the CDL MicroFarm

The CDL MicroFarm supports a diverse range of edible plants, offering a practical showcase of sustainable urban agriculture. The farm is home to leafy greens, herbs, and fruiting vegetables, carefully selected for their suitability to the vertical farming systems used.

MicroFarm Varieties

Among the leafy greens grown on the vertical towers are a mix of popular Asian vegetables, including xiao bai cai, nai bai, and kailan, as well as Japanese varieties like komatsuna, mizuna, and Okinawa spinach. The farm also features a selection of lettuce varieties along with culinary herbs such as Italian basil, Thai basil, and mint.

In addition to leafy greens, the farm also cultivates fruiting vegetables including chili, cherry tomatoes, okra, and eggplant. These are grown using a different method suited to their size and growing habits.

Ways to Enjoy the Produce

The MicroFarm's harvest is both versatile and nutritious. Salad greens like lettuce varieties, mizuna, kale, and fresh herbs can be enjoyed raw in salads, wraps, or as garnishes. Asian greens such as xiao bai cai and kailan are ideal for quick stir-fries, blanching, or adding to hearty soups. Italian basil is perfect for making fresh pesto, while Thai basil and mint lend themselves to a variety of Asian dishes, teas, and sauces. Fruiting vegetables like cherry tomatoes and bell peppers can be grilled, sautéed, or added raw to salads and salsas.

Yield and Output

The MicroFarm's efficient design allows for high productivity in a compact space. With 12 vertical towers, the system supports up to 576 plants at any one time. This setup can produce approximately 20 to 35 kilograms of leafy greens per month, translating to an annual yield of 240 to 420 kilograms, depending on the specific varieties grown. Additionally, the farm yields 5 to 10 kilograms of fruiting vegetables monthly, depending on the seasonal mix.

Irrigation and Growing Techniques

The MicroFarm utilises two primary methods of hydroponic cultivation, both designed to optimise water and nutrient use while supporting different plant types.

1. For leafy greens and herbs, the Nutrient Film Technique (NFT) is used. In this method, plant roots sit in a shallow stream of nutrient-rich water that flows continuously from a reservoir. This technique ensures the roots receive both essential nutrients and oxygen, encouraging fast and healthy growth. It is especially efficient for water conservation and is ideal for fast-growing greens.
2. For larger fruiting vegetables like tomatoes and cucumbers, the farm uses the Dutch bucket, where each plant grows in an individual bucket filled with an inert medium such as LECA (Lightweight Expanded Clay Aggregate). A drip irrigation system supplies nutrient solution, and any excess drains back to a central reservoir for reuse. This closed-loop setup supports healthy growth while minimizing water and nutrient waste.

Farm Maintenance and Harvesting

To ensure consistent crop health and productivity, the MicroFarm is maintained by a dedicated roving team from V-Plus Agritech. The team will visit the farm twice a week to provide technical support, including crop monitoring, pest control, transplanting, and harvesting. Their expertise ensures the farm operates smoothly and delivers fresh, high-quality produce.