

## Pan-United Becomes the First Concrete Company to Win SGBC-BCA Sustainability Leadership Awards

SINGAPORE, 5 SEPTEMBER 2019 – Pan-United Corporation Ltd (“PanU”, “泛联集团” or the “Group”), today announced that its wholly-owned subsidiary, Pan-United Concrete Pte Ltd (“PanU Concrete”), Singapore’s largest concrete and cement provider, has become the first and only concrete firm to win the ‘SGBC-BCA Sustainability Leadership Award’, jointly conferred by the Singapore Green Building Council (“SGBC”) and the Building Construction Authority (“BCA”).

Recognised under the ‘Leadership in Green Building Product’ category, PanU Concrete takes pride in being a global leader in concrete technologies, developing sustainable concrete solutions to achieve a green built environment in Singapore and globally.

Over the years, PanU Concrete has established a strong research and development (“R&D”) foundation, focused on sustainable product innovation. Leveraging its deep in-house R&D capabilities, PanU Concrete has produced an extensive portfolio of high-performance concrete products that can overcome environmental challenges. Such solutions include PanU Green Concrete, made of recycled aggregates; PanU Self-Compacting Concrete, which eliminates the need to use noise-pollutive mechanical compactors; and PanU Cool, a temperature-controlled concrete that minimises thermal cracking.

PanU Concrete became the first local concrete firm to attain the SGBC’s ‘Leader’ certification in 2017, validating the company’s track record in developing clean and green concrete. Over 150 specialised concrete products in PanU Concrete’s ‘Eco’ and ‘Green’ ready mixed concrete ranges attained the highest level of sustainability certification.

Ms May Ng (“黄美美”), the Group’s Chief Executive Officer, said: *“Pan-United is very heartened and proud to be recognised for our sustainability efforts which began almost 20 years ago. Since then, we have commercialised sustainable industry-proven solutions for large-scale production, such as structural green concrete, lightweight concrete and CarbonCure concrete. These initiatives have quietly driven a reduction in Singapore’s carbon footprint. Our work on this frontier is unfinished. Pan-United will continue to embrace a holistic, pro-active sustainable approach through our products, processes and practices, to provide a safer environment for the communities we live and operate in.”*

The Group also takes additional steps to be environmentally friendly throughout its supply chain.

PanU works with cleantech company CarbonCure Technologies to produce carbon-dioxide-injected concrete. This is achieved by converting carbon dioxide from industrial emitters into a nano-mineral that improves the compressive strength of concrete.

Through the use of this technology, PanU has the potential to save over 60,000 tonnes of carbon dioxide annually – equivalent to the amount of carbon dioxide that would be sequestered by forestland blanketing 39% of the total landmass of Singapore.

On the logistics front, PanU has developed the first-of-its-kind electronic delivery order system that not only improves operational efficiency, but also has the potential to save about 13 tonnes of paper annually.

Both technologies will mitigate carbon emissions and reduce paper consumption in the built environment space.

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Examples of projects built using PanU Concrete's green and sustainable concrete:

**Jewel Changi Airport:**

**PanU Green:** Green concrete with higher proportion of recycled materials;

**PanU SCC:** Self-Compacting Concrete which eliminates the usage of mechanical compactors, thus reducing energy consumption



### Changi Airport Terminal 3:

**PanU Lite:** Lightweight concrete used in the roof allows for thinner pillar columns, reducing concrete usage in pillar works and maximising land-use



### Gardens by the Bay:

**PanU Green:** Green concrete with a higher proportion of recycled materials that reduces carbon footprint



**ABOUT THE GROUP**

[panunited.com.sg](http://panunited.com.sg)

Concrete innovation company Pan-United Corporation Ltd (PanU) is a Singapore-based listed multinational corporation with operations in four Asian countries and a total workforce of more than 1,200 people. We are a global leader in concrete technologies harnessing innovation and cutting-edge digital platforms to develop industry-leading, sustainable solutions in the concrete and logistics space.

With a strong base as Singapore's largest concrete and cement company, PanU is expanding into markets in Malaysia, Indonesia and Vietnam, where we are the top brand in Ho Chi Minh City. We are a renowned and trusted brand for high quality concrete solutions and excellent customer service.

**For further enquiries, please kindly contact:**

**Janelle Loh**                      **PAN-UNITED CORPORATION LTD**  
+65 6305 7346  
[janelle.loh@panunited.com.sg](mailto:janelle.loh@panunited.com.sg)

**Amira Sadiran**                      **NEWGATE COMMUNICATIONS**  
+65 6532 0606  
[amira.sadiran@newgatecomms.com.sg](mailto:amira.sadiran@newgatecomms.com.sg)