

**One Bangkok and SCG sign MOU for collaboration
on sustainable construction management towards circular economy
to be implemented for the largest Thai real estate project**



One Bangkok, the THB 120 billion fully-integrated district and the largest private sector property development in Thailand's history, and **SCG**, signed a Memorandum of Understanding (MoU) for the implementation of construction waste management practices according to circular economy principles. The partnership aims to set new standards of sustainability in construction at One Bangkok by recycling concrete waste into precast panels and developing of holistic waste and pollution management plan.

Mr. Panote Sirivadhanabhakdi, Group Chief Executive Officer of Frasers Property Limited, a joint developer of One Bangkok, said: "As a landmark project slated to set new standards in design, quality, sustainability and smart city living in Thailand, One Bangkok has always looked into strategic partnerships with industry leaders widely recognized for their outstanding capabilities, expertise, quality and reliability. We are delighted to strengthen our relationship with SCG, a long-term partner who shares our vision and ambition to create long-term values through sustainable construction practices."

"Sustainability has been a core development principle for One Bangkok. By collaborating with SCG, we will implement sustainable management of construction wastes throughout the development and operations of the district. This is also in line with Frasers Property's commitment to be a net-zero carbon corporation by 2050; to incorporate environmentally and socially friendly practices throughout the entire value chain – from investment to design, development and operations – with a focus on carbon reduction, energy efficiency and innovative solutions," added Panote.

According to **Mr. Nithi Patarachoke, President, Cement-Building Materials Business, SCG**, "The constant growth of construction industry today has resulted in a huge increase of construction waste. As a manufacturer and distributor of construction materials, SCG is aware of the issue and adopted the concept of circular economy in the development of innovative products and services. Our partnership with One Bangkok encompasses the design of new

concrete mix from waste concrete from the construction into the production of precast items, creating value from waste materials and the development of a holistic waste management plan for waste construction materials at the project.”

“TCC Assets and Frasers Property are our long-term business partners. We are delighted to collaborate on this project on the shared vision of achieving sustainable development by maximizing resource efficiency, reducing environmental impact, and raising the bar on the construction industry standards in line with the development of the country.”

The basis for this collaboration is the principles of a circular economy. CPAC Smart Structure and CPAC Construction Solution, two business units of SCG, will apply the technology of pile crushing that is suitable for construction use to obtain the aggregate for recycling as designed. The aggregate is then used as a mixture in the production at CPAC Smart Structure's precast plant and distributed by SCG Distribution. The recycled precast concrete panels will be used to clad building façade and walls within One Bangkok.



(Pile caps before cutting and shredding into aggregate at One Bangkok)



(Concrete scrap from pile cap cutting)



(Example of precast panel)

Sustainable waste management plan is also developed with the aim of reducing construction site waste and dust emission by prioritizing the elimination of waste generation, recycling and reusing waste created on the job, using construction methods that allow for deconstruction and using products and materials that reduce waste, as well as reducing the use of workforce, concrete scrap at the site and dust generated by the construction, accounting for 5.94 tons of carbon dioxide reduction, or equivalent to oxygen produced by 540 trees.

With 'Zero Waste to Landfill' waste management practice in mind, within the key partnership between One Bangkok and SCG, CPAC Construction Solution under SCG is working closely with Khor Recycle to implement an on-site waste management system, where construction waste, hazardous waste and food waste are segregated using real-time display system, allowing staff in charge to track the volume of waste generated each day and manage the waste to meet zero waste plan.

The collaboration between One Bangkok and SCG also addresses the excess and low-value resources resulting from the expansion of the construction industry and the issue of waste material management from building, considered a huge challenge in the world today. These initiatives will help make the construction industry more sustainable and pave the way towards a more circular economy.

One Bangkok is jointly developed by TCC Assets (Thailand) Co., Ltd. and Frasers Property Holdings (Thailand) Co. Ltd (FPHT).

FPHT is also the development manager of One Bangkok, a THB 120 billion fully-integrated district and the largest private sector property development in Thailand's history comprising five premium grade A office buildings, five luxury and lifestyle hotels, three luxury residential towers, four interconnected retail precincts, and art and cultural hubs located on a 16.7-hectare (104-rai) plot at the corner of Wireless Road and Rama IV Road.

One Bangkok aims to achieve Thailand's first LEED for Neighbourhood Development Platinum Project. Additionally, all five premium Grade A office towers and a residential tower will be built to WELL Platinum standards, setting a new benchmark for green and sustainable developments for Thailand.

The first phase is scheduled for opening in 2023 with full completion in 2026.

Notes to Editors:

About Frasers Property Limited

Frasers Property Limited ("Frasers Property" and together with its subsidiaries, the "Frasers Property Group" or the "Group"), is a multi-national developer-owner-operator of real estate products and services across the property value chain. Listed on the Main Board of the Singapore Exchange Securities Trading Limited ("SGX-ST") and headquartered in Singapore, the Group has total assets of approximately S\$39.2 billion as of 31 March 2021.

Frasers Property's multi-national businesses operate across five asset classes, namely, residential, retail, commercial & business parks, industrial & logistics as well as hospitality. The Group has

businesses in Southeast Asia, Australia, Europe and China, and its well-established hospitality business owns and/or operates serviced apartments and hotels in over 70 cities and 20 countries across Asia, Australia, Europe, the Middle East and Africa.

Frasers Property is also the sponsor of two real estate investment trusts (“REITs”) and one stapled trust listed on the SGX-ST. Frasers Centrepoint Trust and Frasers Logistics & Commercial Trust are focused on retail, and industrial & commercial properties, respectively. Frasers Hospitality Trust (comprising Frasers Hospitality Real Estate Investment Trust and Frasers Hospitality Business Trust) is a stapled trust focused on hospitality properties. In addition, the Group has two REITs listed on the Stock Exchange of Thailand. Frasers Property (Thailand) Public Company Limited is the sponsor of Frasers Property Thailand Industrial Freehold & Leasehold REIT, which is focused on industrial & logistics properties in Thailand, and Golden Ventures Leasehold Real Estate Investment Trust, which is focused on commercial properties.

The Group is committed to inspiring experiences and creating places for good for its stakeholders. By acting progressively, producing and consuming responsibly, and focusing on people, Frasers Property aspires to raise sustainability ideals across its value chain, and build a more resilient business. It has committed to be a net-zero carbon corporation by 2050. Building on its heritage as well as leveraging its knowledge and capabilities, the Group aims to create lasting shared value for its people, the businesses and communities it serves. Frasers Property believes in the diversity of its people and is invested in promoting a progressive, collaborative and respectful culture.

For more information on Frasers Property, please visit frasersproperty.com or follow us on [LinkedIn](#).

About TCC Assets (Thailand) Company Limited

TCC Assets (Thailand) Company Limited (TCC Assets), established in 2013, is a fully integrated property development company, with a registered capital of ten thousand million baht. It is part of the TCC Group, one of the most well-known companies in Thailand. TCC Assets' investment model focuses on creating added value to assets through product and service development. TCC Assets, subsidiary company, and affiliated company focus on the development of residential real estate projects, office building and retail space, along with hotel business and services related to IT.

For more information on TCC Assets, please visit www.tccassets.com

About SCG

SCG was established in 1913 following a royal decree of His Majesty King Rama VI to produce cement, the main building material for infrastructure projects that greatly contributed to the progress of the country. Since its founding, SCG has offered innovative products and services that serve customers' needs through more than 200 subsidiaries in Thailand and strategic markets globally, and diversified into three core businesses, namely Cement-Building Materials Business, Chemicals Business and Packaging Business.

SCG adheres to conducting its business with ethics, and responsibility to all stakeholders for sustainable mutual benefits. SCG has set its Sustainable Development Framework in accordance with global practices, covering three dimensions of economy, society and the environment, with corporate governance as an overarching principle. In addition, SCG has appointed three core sustainable development strategies that are Climate Resilience, Circular Economy and Safety.

Focusing on Circular Economy, SCG realizes the global issue of waste problem and resource scarcity. SCG adopts circular economy to cope with these issues and actively seeks collaboration across sectors

and stakeholders to realize efficient waste management, maximization of resource use and reducing wasteful use of new resources.

For more information about SCG and its Sustainable Development Policy, please visit www.scg.com

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