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MEDIA RELEASE

Keppel Infrastructure opens Singapore's first positive energy building under new Green Mark scheme in Changi

- *The building was officially opened by Mr Desmond Lee, Minister for National Development*
- *KI also announced two MOUs with SATS and Medtronic Singapore*

Singapore, 13 October 2022 – Keppel Infrastructure Holdings Pte Ltd (KI) celebrated today the official opening of the *Keppel Infrastructure @ Changi* building, Singapore's first Green Mark Platinum Positive Energy building under the new and more stringent Green Mark scheme. *Keppel Infrastructure @ Changi* houses KI's operations nerve centre, which harnesses advanced digital and machine learning technologies to provide real-time surveillance of KI's operations across Singapore, around the clock, starting with its district cooling plants.

The opening ceremony was officiated by Guest of Honour, Mr Desmond Lee, Minister for National Development, as well as Mr Loh Chin Hua, CEO of Keppel Corporation and Ms Cindy Lim, CEO of Keppel Infrastructure.

At the event, KI also announced two MOUs with a combined potential value of approximately S$100 million, over the service duration. Minister Lee witnessed the signing of an MOU between KI and Medtronic Singapore to provide Energy-as-a-Service (EaaS), including district cooling and installation of solar panels and electric vehicle chargers. Earlier, KI also signed an MOU with SATS Ltd. to explore the provision of district cooling solutions at its inflight catering and maintenance facilities in Changi North. (Please refer to Appendix A for more details.)

Ms Cindy Lim, CEO of Keppel Infrastructure, said, "We are pleased that the *Keppel Infrastructure @ Changi* building is the first in Singapore to be conferred the Green Mark Platinum Positive Energy building under the new scheme. Through meticulous planning, design and engineering of the retrofitting works, we have modernised a decade-old asset into a positive energy building, demonstrating KI's ability to integrate energy efficiency technologies and innovation into existing assets and operations, in line with Keppel's mission to provide solutions for sustainable urbanisation.

"More than just a green building, *Keppel Infrastructure @ Changi* serves as a mission critical operation nerve centre for four district cooling plants operated by Keppel DHCS across Singapore. *Keppel Infrastructure @ Changi* enables us to showcase our Energy-as-a-Service offering and how we are able to harness digital technology, artificial intelligence and IoT for remote operations, predictive maintenance and performance optimisation to enhance the efficiency and reliability of our energy assets and services."

The *Keppel Infrastructure @ Changi building*, annexed to Keppel DHCS' Changi District Cooling Systems Plant, was built in 2013 on a site layout of 1.06 ha. The fast-track retrofitting works

commenced at the end of 2021 and were completed in May this year. The works included upgrading of the high-efficiency air conditioning and mechanical ventilation system, as well as installing smart sensors, LED lights, electric vehicles charging infrastructure and vast vertical greenery. Over 4,000 square metres of photovoltaics (PV) were also installed on the rooftop and building façade, which is expected to yield about 600,000 kWh/year of renewable energy, more than double of the building's consumption. The reduction in carbon emissions is equivalent to the planting of 7,000 trees.

The building is also fitted with water-efficient fittings to reduce potable water usage and is able to harvest rainwater for irrigation. In addition, the internal fit-outs, road kerbs, wheel stoppers and waterproofing system were constructed using sustainable materials and products.

In addition, the building's vertical greening and biophilic landscaping were co-funded by the National Parks Board under the Skyrise Greenery Incentive Scheme. This adds over 910 square metres of greenery to the building and reduced the urban heat island effect, improving the performance of the indoor environment while enhancing the health and well-being of the building's occupants. (See Appendix B for more information.)

Ms Lim added, "We would like to thank our partners and stakeholders including the Building and Construction Authority and National Parks Board for their invaluable support in making *Keppel Infrastructure @ Changi* a success. Over time, we plan to extend the nerve centre's coverage to our other water, waste treatment and energy plants in Singapore, and then to our operations overseas."

The abovementioned developments are not expected to have any material impact on its earnings per share and net tangible asset per share of Keppel Corporation Limited, Keppel Infrastructure, for the current financial year.

-End-

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About Keppel Infrastructure Holdings Pte Ltd

Keppel Infrastructure (KI) is a wholly-owned subsidiary of Keppel Corporation, a Singapore flagship multinational company providing solutions for sustainable urbanisation. KI provides solutions for some of the world's most pressing challenges through its power & gas, environment and new energy businesses by leveraging its proprietary technology, strong technical expertise and proven operating capabilities.

KI has a track record of developing energy and environmental infrastructure end-to-end, including power generation assets, waste-to-energy (WTE) facilities, large-scale district cooling systems, as well as NEWater and desalination plants. In Singapore, it operates a 1,300-

megawatt high efficiency gas-fired combined cycle power plant and a utility pipe rack and pipe line network in Jurong Island. It is also Singapore's leading electricity retailer, and the first and largest district cooling systems developer and service provider. Globally, through Keppel Seghers, it is one of the leading WTE technology providers with more than 100 project references in 20 countries.

KI is expanding its presence, in Singapore and overseas, in areas such as power generation, waste management, district cooling, renewables and energy storage, electric vehicle charging infrastructure and other clean energy opportunities.

About Keppel DHCS

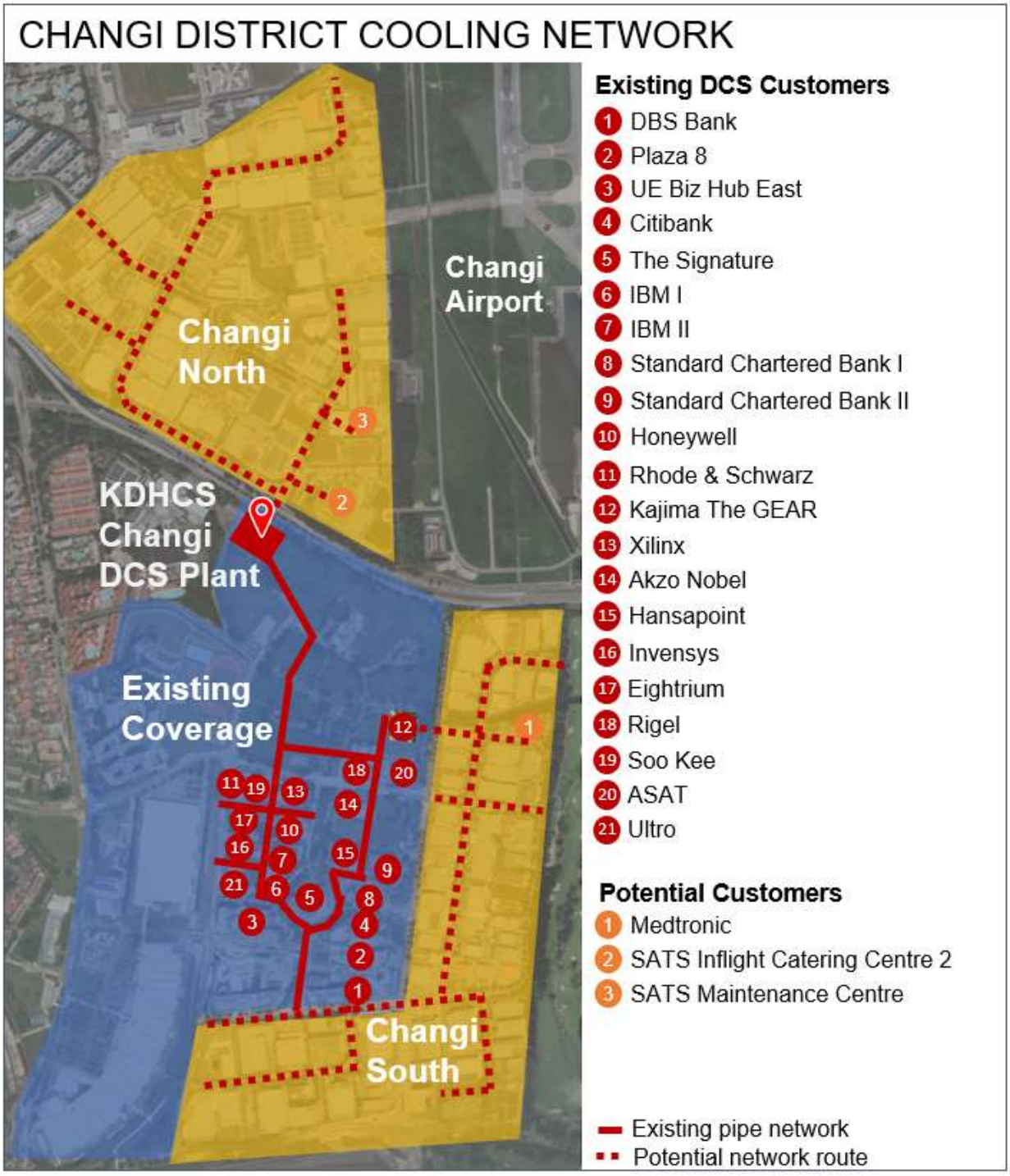
Keppel DHCS is the first and largest district cooling systems (DCS) provider in Singapore, and provides cooling services through the development and operation of DCS at major business parks and retail cooling to selected standalone and industrial buildings.

Incorporated in 1988, Keppel DHCS is a wholly-owned subsidiary of Keppel Infrastructure.

In Singapore, Keppel DHCS services Changi Business Park, one-north (Biopolis, Fusionopolis, Mediapolis) and Woodlands Wafer Fab Park, with a total plant installed capacity that exceeds 65,000 Refrigeration Tons. A district heating and cooling system plant developed by Keppel DHCS's joint venture in the Sino-Singapore Tianjin Eco-City also commenced commercial operation in 2013. Keppel DHCS also provides retail cooling to commercial buildings in Singapore, with a total installed capacity that exceeds 10,000 Refrigeration Tons.

Appendix A – KDHCS to expand DCS network to Changi North and Changi South

The MOUs between Keppel DHCS and its customers mark the expansion of the Changi DCS reticulation network to serve users in Changi South and Changi North. The expansion will more than double the coverage of the DCS network, further contributing to energy-efficient cooling in Singapore.



SATS Ltd.

SATS Ltd. (SATS) is Asia's leading provider of food solutions and gateway services. Keppel and SATS have signed an MOU to study the potential for district cooling in Changi North. The organisations are exploring the possibility of connecting SATS Inflight Catering Centre 2 and SATS Maintenance Centre to Keppel's Changi district cooling plant. The study will provide SATS with data on the improvements in energy efficiency and reliability, reduction in carbon emissions, and cost savings.

When the connection is realised, Keppel DHCS will potentially be able to serve other customers in the Changi North region, where total addressable cooling demand is estimated at up to 8,000 RT.

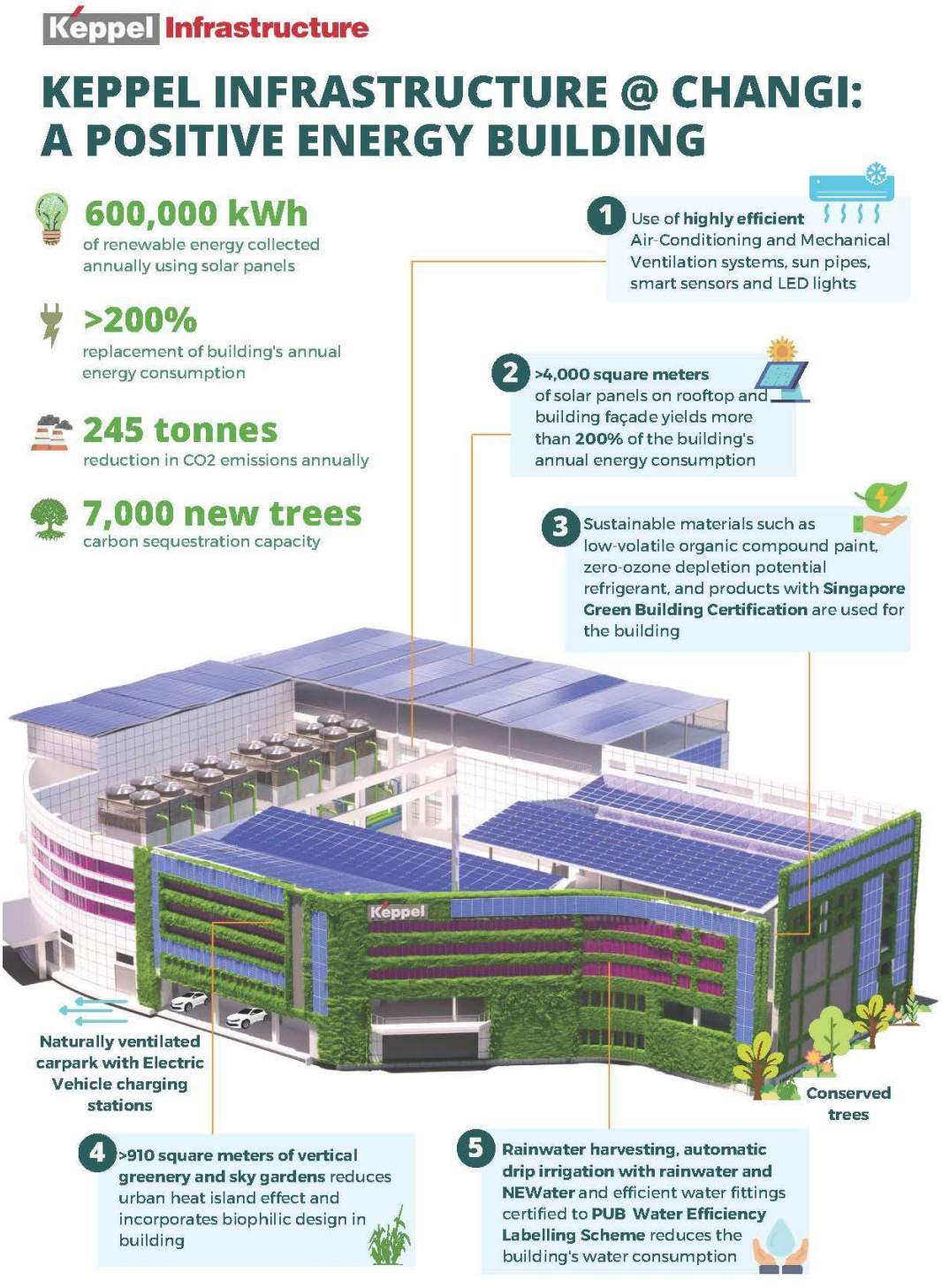
Medtronic Singapore Operations Pte Ltd

As a global leader in healthcare technology, Medtronic transforms the lives of millions of people each year. Medtronic and KI announced the signing of a Sustainability Partnership MOU with Keppel to explore KI's EaaS offering such as district cooling, solar power purchase, electric vehicle charging and green electricity through power importation. When connected to Keppel DHCS' district cooling network, Medtronic is expected to enjoy life cycle cost savings and carbon savings of up to 20%. Medtronic's manufacturing facility in Changi South marks Keppel DHCS' expansion into the Changi South area.

When the connection is realised, Keppel DHCS will potentially be able to serve other customers in the Changi South region. Including Singapore Expo, total addressable cooling demand in Chang South is estimated at between 7,000 to 8,000RT.

More than 800 solar panels will be projected to be installed on the roof of Medtronic's manufacturing facility, generating around 600 MWh per year – the equivalent of powering about 190 three-room HDB flats. The solar panels will also reduce about 228 tonnes of annual carbon emissions and offset close to 10% of the site's total electricity consumption. The above is testament to Medtronic and Keppel's collaboration on EaaS and commitment to sustainability.

Appendix B


Keppel Infrastructure
KEPPEL INFRASTRUCTURE @ CHANGI: A POSITIVE ENERGY BUILDING
600,000 kWh
of renewable energy collected annually using solar panels
>200%
replacement of building's annual energy consumption
245 tonnes
reduction in CO2 emissions annually
7,000 new trees
carbon sequestration capacity
1 Use of highly efficient Air-Conditioning and Mechanical Ventilation systems, sun pipes, smart sensors and LED lights
2 >4,000 square meters of solar panels on rooftop and building façade yields more than 200% of the building's annual energy consumption
3 Sustainable materials such as low-volatile organic compound paint, zero-ozone depletion potential refrigerant, and products with Singapore Green Building Certification are used for the building
Keppel
Naturally ventilated carpark with Electric Vehicle charging stations
Conserved trees
4 >910 square meters of vertical greenery and sky gardens reduces urban heat island effect and incorporates biophilic design in building
5 Rainwater harvesting, automatic drip irrigation with rainwater and NEWater and efficient water fittings certified to PUB Water Efficiency Labelling Scheme reduces the building's water consumption