



Press release
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Singapore Institute of Technology (SIT) Selects ENGIE to Build District Cooling System at Punggol Digital District New Campus

The new campus facility will be completed in time for the university's relocation in 2023

SINGAPORE, 4 February 2020 – ENGIE today announced that it has been selected by the Singapore Institute of Technology (SIT) to construct the district cooling system (DCS) for its new campus at Punggol Digital District.

Being the first DCS plant in Singapore to meet the latest green mark platinum requirements, plant efficiency is an important factor in the design. In March 2019, ENGIE was selected by SIT and JTC Corporation (JTC) to design the 30,000 refrigeration ton (RT)¹ Punggol Digital District DCS network which will serve SIT and JTC's development as well as the community facilities.

Punggol Digital District is the first district in Singapore to adopt a single integrated masterplan approach that brings together a business park, a university and community facilities. SIT's new campus, which will start operations by 2023, will gather students, faculty and industry professionals in one physical location to facilitate collaboration.

“Cooling is a major source of energy consumption in tropical countries like Singapore and will be a key factor in deciding whether nations meet their environmental obligations,” said Pierre Cheyron, CEO, ENGIE South East Asia. “As a leader in district cooling – a promising technology to help cities meet their cooling needs – ENGIE is excited to have the opportunity to collaborate with SIT to reduce Singapore's carbon footprint.”

SIT's selection of ENGIE to build the DCS for its new campus lays another milestone for the company, as it continues to boost South East Asia's energy efficiency through its expertise in district cooling and other sustainable technologies.

¹ A ton of refrigeration, also called a refrigeration ton, is a unit of power used in some countries to describe the heat-extraction capacity of refrigeration and air conditioning equipment. A refrigeration ton is approximately equivalent to 12,000 BTU/h or 3.5 kW.



Chan Wing Leong, Deputy President (Campus Development) & Chief Investment Officer, SIT said: “We are envisioning our new campus to be a reference green, digitally-focused university for the region. ENGIE’s strong track record in harnessing smart innovations to help customers accelerate their energy transition gives us the confidence that our vision will materialise sooner rather than later.”

ENGIE operates more than 320 low-carbon urban heating and cooling networks in 20 countries including South East Asia.

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About ENGIE South East Asia

ENGIE South East Asia Pte Ltd (“ENGIE SEA”), a cluster under ENGIE Asia-Pacific BU organization, consists of a fast-growing team of over 2,000 employees across diverse countries including Singapore, Malaysia, Thailand and the Philippines.

In response to the urgency of climate change, ENGIE’s ambition is to become the world leader in the zero-carbon transition for customers, particularly businesses and local authorities.

ENGIE Group, a global reference in low-carbon energy and services, is headquartered in France with €61 billion revenue and 160,000 employees across five continents globally. Together with our customers, partners and stakeholders, ENGIE forms a community of Imaginative Builders, committed every day to more harmonious progress.

At ENGIE, we are committed to responsible growth of our key businesses (renewable energy, gas, services) by offering competitive turnkey solutions “as a service” and delivering energy transition to a low-carbon economy. We tap our expertise in four key sectors: natural and renewable gas, renewable electricity, energy efficiency and digital technologies in developing high-performance innovative solutions for our customers.

About Singapore Institute of Technology

Singapore Institute of Technology (SIT) is Singapore’s university of applied learning. It aims to be a leader in innovative university education by integrating learning, industry and community as part of its unique pedagogy. Partnering world-class universities, SIT offers applied degree programmes targeted at growth sectors of the economy. SIT also aims to cultivate in its students four distinctive traits, or the SIT-DNA, which will prepare them to be ‘thinking tinkerers’, who are ‘able to learn, unlearn and relearn’, be ‘catalysts for transformation’ who are ‘grounded in the community’.

Established in 2009, SIT currently has six distributed campuses, with its main campus in SIT@Dover. SIT became an autonomous university in 2014 and is expected to move to its new centralised campus in Punggol in 2023. The future campus will be part of the Punggol Digital District, and will feature a Campus Boulevard, which will connect residents to the waterfront and Coney Island. For more information, visit www.SingaporeTech.edu.sg.

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