

**Yale-NUS College and Surbana Jurong team up to test-bed
next generation of smart city solutions**

Technology solutions incubated at Yale-NUS will support development of “Smart City in a Campus”

Singapore, 15 November 2017 – Yale-NUS College and Surbana Jurong (SJ) signed the Memorandum of Understanding (MOU) today, with Senior Minister of State for Trade and Industry Dr Koh Poh Koon gracing the ceremony. Yale-NUS and SJ will collaborate in test-bedding the next generation of smart city solutions within the College campus. The two parties will use their respective resources and expertise to co-develop a digital masterplan for “Smart City in a Campus”, an initiative by Yale-NUS, in the following ways:

1. Knowledge sharing to co-create solutions – Yale-NUS students, staff and faculty members will share their feedback and experience on using SJ’s smart facilities management solutions, and explore the use of artificial intelligence in Yale-NUS’ upcoming mobile app, to allow users to conveniently submit feedback or report defects.
2. Test-bedding and refining technology innovations – SJ will deploy and test its smart city solutions such as a predictive lift monitoring system at the campus to enhance the residential living facilities and built environment of the College. Yale-NUS faculty and students will play an active role in improving and refining the prototypes alongside SJ via user testing and feedback and faculty expertise in collating and analysing data findings from the project. The College’s wide range of research expertise, which spans across the humanities, science and social sciences, will contribute to the unique solutions that can be developed as a result of this partnership.
3. Training of students – SJ and Yale-NUS will explore various collaboration channels (e.g. internships, job attachments and lectures) to educate Yale-NUS students and equip them with the relevant skills on smart city solutions.

These initiatives are aimed at enriching Yale-NUS’ unique residential living and learning model, which provides an ideal environment to test-bed SJ’s technology solutions. Currently housing more than 800 residents, the 64,000 square-metre Yale-NUS campus consists of three residential colleges (RCs), 1,000 student rooms, seminar rooms, laboratories, a library and a performance hall among other facilities. With students staying in suites of four to six people within three RCs, Yale-NUS is a microcosm of a small town, allowing SJ to test their solutions accurately in a real-life environment. The College’s close-knit community will also facilitate the collection of data and feedback that will enable SJ to improve their smart city solutions.

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“Yale-NUS College is excited to partner Surbana Jurong by providing our fully-residential campus as a site for test-bedding their ideas, as well as contributing our research expertise. Our students are curious and have inquisitive minds that enable them to challenge the status quo and innovate. They are well-equipped to delve deep into these smart city initiatives and contribute to its further development to better improve the way we live. Our faculty members are also well placed to contribute their research expertise to the smart city research projects. We are excited by the opportunity to translate research findings into real world technology solutions for meaningful outcomes,” said Professor Tan Tai Yong, President of Yale-NUS College.

“Surbana Jurong looks forward to supporting Yale-NUS College in developing their “Smart City in a Campus” by leveraging our strong expertise and 30 plus years of experience in developing and managing smart solutions for Singapore’s HDB town councils. We hope this meaningful collaboration will lead to the robust creation of innovative ideas for the next generation of smart city solutions,” said Mr Wong Heang Fine, Group CEO of SJ.

About Yale-NUS College

Established in 2011 through a partnership between Yale University and the National University of Singapore, Yale-NUS College is a leading liberal arts college in Asia, with a full residential programme that integrates living and learning. Drawing on the resources and traditions of its two founding universities, Yale-NUS aims to redefine liberal arts and science education for a complex, interconnected world. A Yale-NUS College education emphasises broad-based multi-disciplinary learning in the full range of arts, humanities, and social and natural sciences. Our curriculum and pedagogy, built from scratch by the inaugural faculty, seeks to draw on the strengths of established liberal arts traditions, while introducing our students to the diverse intellectual traditions and cultures of Asia and the world. We are nurturing young minds and equipping the next generation with the means to appreciate and understand the breadth and complexity of issues, the capacity to think critically and solve problems, and the skills to effectively communicate and lead.

Our Vision:

A community of learning,

Founded by two great universities,

In Asia, for the world.

About Surbana Jurong

Surbana Jurong Private Limited (SJ) is one of the largest Asia-based urban, industrial and infrastructure consulting firms. Leveraging technology and creativity, SJ provides one-stop consultancy solutions across the entire value chain of the urbanisation, industrialisation and infrastructure domains.

Headquartered in Singapore, the SJ Group has a global workforce of 13,000 employees in 113 offices across 44 countries in Asia, Australia, the Middle East, Africa and the Americas, and an annual turnover of around S\$1.3 billion.

SJ has a track record of over 50 years, and has built over a million homes in Singapore, crafted master plans for more than 30 countries and developed over 50 industrial parks globally.

SJ’s motto ‘Building Cities, Shaping Lives’ reflects its belief that development is more than just steel and concrete. SJ creates spaces and designs infrastructure where people live, work and play, shaping cities into homes with sustainable jobs where communities and businesses can flourish.

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For media enquiries, please contact:

Yale-NUS College

Melissa Wang

Senior Executive, Public Affairs

Email: melissa.wang@yale-nus.edu.sg

DID: +65 6601 5090

Mobile: +65 9126 0426

Surbana Jurong

Gerald Lim

Senior Manager, Group Communications & Branding

Email: gerald.limy@surbanajurong.com

DID: +65 6248 1825