

News Release

ST Engineering, Surbana Jurong and CAPE Form Consortium to Export Next-Generation, Smart Airport Capabilities for Overseas Airport Development Projects

Singapore, 21 March 2018 – Singapore Technologies Engineering Ltd (ST Engineering) today announced that it has joined forces with Surbana Jurong Private Limited (Surbana Jurong) and Changi Airport Planners and Engineers Pte Ltd (CAPE) to form a consortium of Singapore-based companies to participate in overseas airport development projects and meet rapidly growing aviation needs.

With projected global airport development expenditure estimated at more than US\$1 trillion up to 2058*, the Consortium plans to develop a comprehensive export strategy for this business area with a particular focus on Asia Pacific markets and cities with strong growth potential.

Tapping on the unique strengths and complementary capabilities of the companies, the Consortium will deliver holistic, end-to-end solutions that can transform the global airport development industry, enhance the efficiency and security of airport operations, as well as improve air travel experience. This will drive the Consortium's common objective in implementing smart city initiatives worldwide that enhance standards of living and improve the lives of people.

Harnessing its deep technological capabilities in areas such as data analytics and artificial intelligence, ST Engineering will deliver cutting-edge, next-generation solutions that power global smart cities and transform airport operations. These include the Group's proven technologies such as analytics-driven airport operations command systems, security solutions such as counter drone, sensor-based intruder detection as well as biometrics screening, unmanned aerobridge systems and autonomous baggage handling systems that promote safe, secure and efficient airport operations.

With its expertise and proven track record in urbanisation, industrialisation and infrastructure planning, Surbana Jurong will offer its full suite of multi-disciplinary services, such as master planning of aerotropoli, large-scale infrastructure, services design, as well as building consultancy services for the aviation sector.

CAPE, the lead consultant for airfield engineering for Changi East Development which encompasses Singapore Changi Airport's Terminal 5, will complement the collaboration with its expertise in airport master planning, airfield and engineering, terminal planning, as well as project management.

The Consortium will enable access to the partners' experience and expertise that strengthen its global, go-to market strategy, as well as deliver greater economies of scale, efficiency and effectiveness.

The MOU was signed by Mr Vincent Chong, President & CEO of ST Engineering, Mr Wong Heang Fine, Group CEO of Surbana Jurong, and Mr Peter Lee, Managing Director of CAPE.

Mr Vincent Chong, President & CEO of ST Engineering said, "Airports of the future are a destination in themselves – less like transit hubs and more like mini Smart Cities. Airport operators have the opportunities to fully harness the power of new technologies from sensors to robotics and data analytics that redefine the travel experience in an integrated manner. This is where ST Engineering, with our strong capabilities in technology and engineering, in collaboration with our partners, Surbana Jurong and CAPE, can positively impact the air transport industry – bringing holistic solutions that leverage new technologies and processes to develop Smart Airports."

Mr Wong Heang Fine, Group CEO of Surbana Jurong said, "As one of the largest Asia-based urban and infrastructure consulting firms, Surbana Jurong's strengths lie in the ability to weave airports into the surrounding urban fabrics, creating vibrant aerotropoli that boost the economic development of cities - the airport cities of the future. Our team's aviation track record spans Singapore, Asia and the Middle East. With this collaboration with CAPE and ST Engineering, we are able to offer a complete integrated solution for aviation clients globally."

Mr Peter Lee, Managing Director of CAPE, said, "Having worked on over 60 projects in more than 20 countries, CAPE has extensive experience in a broad spectrum of services including master planning, airport engineering, terminal design and project management. We look forward to collaborating with Surbana Jurong and ST Engineering in overseas airport development projects. This partnership harnesses the strengths and experience of three well-established Singapore companies to offer bespoke and comprehensive engineering solutions to airports around the world."

In the coming months, the companies will initiate activities as part of their strategy to expand the Consortium's presence in target overseas markets, which include defining tender participation requirements, and developing best practices and go-to-market approach recommended by the steering committee.

**Note to editor: Estimates are drawn from Sydney-based CAPA Centre for Aviation's research released on 20 July 2017.*

ST Engineering (Singapore Technologies Engineering Ltd) is a global technology, defence and engineering group specialising in the aerospace, electronics, land systems and marine sectors. The Group employs about 22,000 people across offices in Asia, the Americas, Europe and the Middle East, serving customers in more than 100 countries. Its employees bring innovation and technology together to create smart engineering solutions for customers in the defence, government and commercial segments. Headquartered in Singapore, ST Engineering reported revenue of S\$6.62b in FY2017 and it ranks among the largest companies listed on the Singapore Exchange. It is a component stock of the FTSE Straits Times Index, MSCI Singapore and the SGX Sustainability Leaders Index. Please visit www.stengg.com for more information.

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 13,500 employees in more than 120 offices across over 40 countries in Asia, Australia, UK, the Middle East, Africa and the Americas, and an annual turnover of around S\$1.5 billion.

SJ has a track record of over 50 years, and has built more than a million homes in Singapore, crafted master plans for more than 30 countries and developed over 100 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.

Changi Airport Planners and Engineers (CAPE) was formed in 2007 to provide airport planning and engineering consultancy services to airports worldwide. As a part of Changi Airports International (CAI), CAPE has extensive experience as a consultant, manager and investor in airports in more than 20 countries in four continents. CAPE takes a far sighted and integrated approach to design and capacity planning, aimed at delivering service quality without compromising on sustainable growth and room for expansion. Together with Changi Airports Consultants (CAC), the consultancy arm of CAI, CAPE develops integrated solutions that enable its partner airports and investee airports to offer the best-in-class travel experience while optimising their commercial potential.

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