

Media Release

SURBANA JURONG PARTNERS AI SINGAPORE AND SMU TO ENHANCE PREDICTIVE LIFT MAINTENANCE SYSTEM

Singapore, 30 August 2018 – Surbana Jurong, one of the largest Asia-based urban and infrastructure consulting firms, will partner AI Singapore and Singapore Management University (SMU), to further enhance its predictive lift maintenance system. This was announced at AI Singapore’s 100 Experiments Showcase event held today.

Surbana Jurong’s Lift Maintenance System (LMS) currently supports Town Councils in monitoring 25,000 lifts across 10,000 public housing blocks in Singapore. LMS collects data on the lifts’ performance and uses predictive analytics to identify potential issues before they occur and in turn, reduce lifts’ maintenance downtime.

The partnership aims to leverage advancements in Artificial Intelligence to enhance LMS’ predictive analytics capabilities. Surbana Jurong will provide data collected from its lift monitoring devices to the AI apprentices from AI Singapore for their analysis, under mentorship of SMU’s professors. SMU will also work closely with Surbana Jurong to conduct research and development to enhance its current LMS. This ensures that the developed solutions can be implemented quickly for immediate impact.

This partnership leverages Surbana Jurong’s experience of over 30 years in monitoring the lifts in Singapore’s public housing estates and the partners’ experience and capabilities in research and Artificial Intelligence. The project will be over an 18-month period.

Mr Poon Joe Keen, Managing Director of Surbana Jurong’s Smart City Solutions, said, “This partnership aims to tap the best researchers in AI to advance Surbana Jurong’s Lift Maintenance System even further. Combined with Surbana Jurong’s real-world experience and domain expertise, enhancing LMS with AI solutions can help to reduce overall maintenance time and costs.”

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About Surbana Jurong

Surbana Jurong is one of the largest Asia-based urban and infrastructure consulting firms. Leveraging technology and creativity, Surbana Jurong provides best-in-class consultancy solutions across the entire value chain of the urbanisation, industrialisation and infrastructure domains.

Headquartered in Singapore, the Surbana Jurong Group has a global workforce of over 14,000 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.

Surbana Jurong has a track record of close to 70 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.

Surbana Jurong's motto 'Building Cities, Shaping Lives' reflects its belief that development is more than just steel and concrete. Surbana Jurong 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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