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lush greenery.



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testaments to its  
continued design  
and engineering  
excellence.

# Smarter ways to build

A pioneer in the push for digitisation, Surbana Jurong continues to pursue its holistic approach to sustainability

ESTHER TEO

**T**HE Surbana Jurong Group is no stranger to winning Building and Construction Authority (BCA) Awards. Last year, the organisation garnered 25 accolades — its largest haul at the awards ceremony since it began participating as a new merged entity in 2015.

This year, its impressive winning streak spans several categories, including the BCA Construction Excellence, BCA Building Information Modelling (BIM) and BCA Green Mark awards.

The projects cover building construction in diverse sectors, such as public and private residential, food processing, government and healthcare.

Surbana Jurong's group chief executive of-

ficer, Mr Wong Heang Fine, says the company's wins reflect its comprehensive suite of solutions.

He adds: "As one of the largest Asia-based urban, industrial and infrastructure consultancies, winning the BCA awards is a testament to the quality of our work and underscores our continued design and engineering excellence."

## Better, faster, stronger

Mr Wong sees the construction industry undergoing transformation through digitisation.

"Technology will bring more efficiency into the construction process, improve productivity, bring about long-term cost savings and alleviate manpower crunches," he explains.

Surbana Jurong sees technology as an enabler and embarked on its digitisation journey



Bedok Food City is  
a multi-storey and  
multi-tenanted hub  
for food industries.

PHOTOS: SURBANA JURONG

years ago.

The company is a pioneer in designing and implementing precast technology in Singapore's public housing programmes.

It is also one of the first multi-disciplinary consultancies to harness the BIM system in planning and design.

Its use of artificial intelligence and data analysis in Smart City solutions enables it to provide predictive solutions for clients.

Some new initiatives Surbana Jurong is rolling out include customised BIM solutions in the facilities management space, audit compliance apps for site supervision and enhanced smart city solutions.

The company plans to continue integrating technology into its processes and as part of its solution offerings. It is also working with re-

search and technology partners to ensure that it stays at the forefront of the industry.

## Greater demand for green solutions

Mr Wong observes a greater demand for green buildings as well as more sustainable construction practices.

He is pleased that the company's projects have continued to win BCA Green Mark awards — a testament to Surbana Jurong's holistic approach to sustainability.

"We work with our clients, taking into account their needs, to come up with creative designs of green buildings," Mr Wong says.

For example, Bedok Food City was designed to maximise natural light and ventilation, while the NUS SDE4 building pushes energy efficiency use in a school environment.