

CASE STUDY

Efficiency Projects, Waste Reduction, Indoor Air Quality Improvements and Tenant Engagement

PROPERTY FACTS

Property Name	78 Shenton Way
Location	Singapore, District 02
Property Type	Office
GFA	494,374 SF GFA
Year Built	1988
Project Types	Efficiency Projects, Waste Reduction Strategies, Indoor Air Quality Improvements and Tenant Engagement



STRATEGY

Sustainability initiatives are constantly being evaluated to improve efficiency and reduce overall carbon emissions. In 2018, 78 Shenton Way, a modern office tower property located in Singapore's District 02 - Tanjong Pagar, underwent several projects to improve overall efficiency, as well as occupant experience and health and wellbeing.

Energy-Saving Retrofits

1) The replacement of Tower 1's chiller plant which improved chiller efficiency, 2) removing the provision of air-conditioning on Saturdays from 8am to 1pm unless requested by tenants, and 3) modernizing Tower 1's lifts with energy saving features such as the use of variable voltage variable frequency drives and LED lighting.

Waste Reduction

Vendors were actively encouraged to switch to eco-friendly and recycled consumable products which help to preserve forests, conserve resources, generate less pollution during manufacturing, and to divert usable paper from waste streams.

Indoor Air Quality Improvements

Vendors were actively encouraged to use eco-friendly cleaning agents and paints with low volatile organic compounds (low-VOCs) were used in a carpark painting project.

Tenant Engagement

During key holiday seasons, including Chinese New Year, Mid-Autumn Festival and Christmas, tenants enjoyed festive events and gifts.

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SUSTAINABILITY OUTCOMES

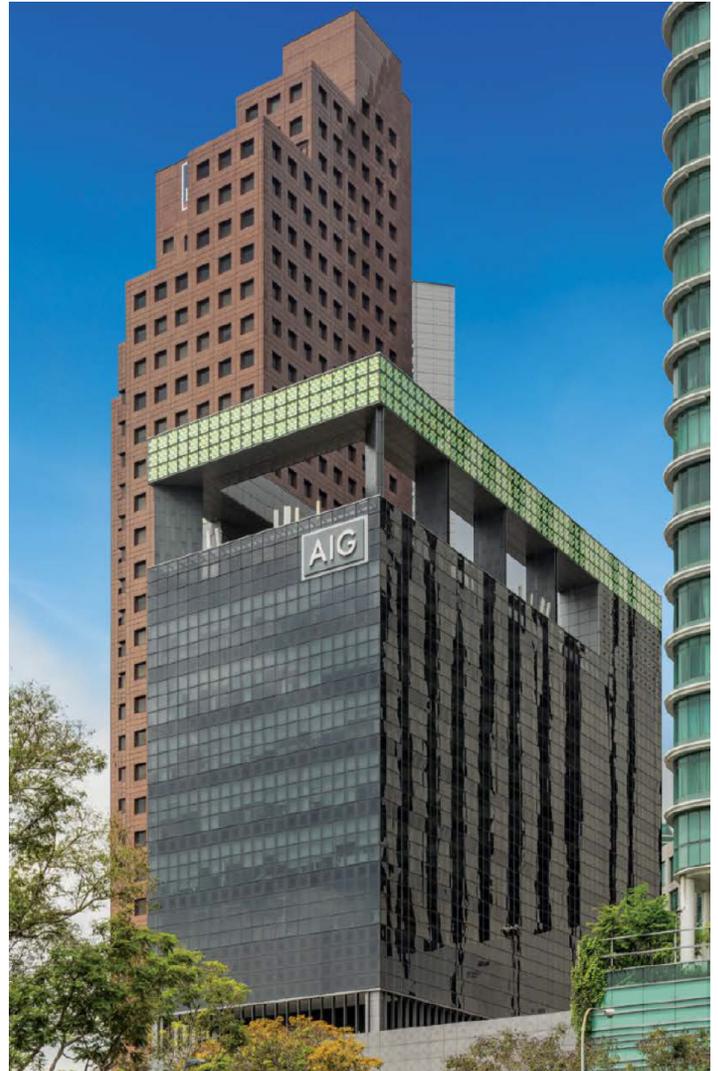
Total building energy consumption in 2018	12.1% reduction
Overall common area energy consumption	17.9% reduction
Compliance to major health and safety issues	100%

AWARDS

78 Shenton Way was awarded a BCA Green Mark Gold certification in March 2018.

2019 PLANS

- Implementing further energy, water and waste management initiatives
- Developing a Resiliency Plan to improve emergency handling capabilities
- Energy, water and waste education initiatives
- Health and wellness initiatives with community partners
- Dissemination of Vendor Code of Conduct to all contractors
- Various social activities for tenant community



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