

BUILDING PROJECT LEADERSHIP IN SUSTAINABILITY INTELLIGENT BUILDING

SCHNEIDER ELECTRIC

EAST ASIA AND JAPAN HEADQUARTERS

Green Mark 2021 Platinum with *In* and *Hw* Badges

Project Team:

- Developer: Schneider Electric & Ascendas
- Architect: Cushman & Wakefield
- ESD: D' Perception Design Consultant
- M&E Consultant: GMEP Consultants
- M&E Contractor: Intac Systems Solution
- Builder: Ngai Chin Construction
- Project Manager: Cushman & Wakefield
- ID: D'Perception Design Consultant
- Main Contractor: Boon Tian Contractor
- Electrical Contractor: UG M&E

Schneider Electric's East Asia and Japan Headquarters is built and maintained on the foundation of four key pillars: people-centric, resilient, hyper-efficient and sustainable. These pillars, combined with an integrated, life-cycle approach in harnessing smart technology, allowed the building to achieve carbon neutrality in 2020 – six months ahead of schedule. The use of smart technology enables the building to sustain energy reduction efforts, manage the efficiency of equipment and systems, and future-proof building operations, while providing a positive user experience. This is realised through a data-driven approach towards energy management that utilises innovation from over 5000 connected sensors and devices to edge control using real-time monitoring control, and cloud-based apps and services for operational analytics. The real-time data is shared with the relevant subject matter experts who then provide professional advice and action to manage the efficiency of various equipment and systems in the building, with full visibility and tracking across performance metrics to ensure effective and intelligent building operations.

