

BUILDING PROJECT LEADERSHIP IN SUSTAINABILITY CARBON PERFORMANCE



SINGAPORE LAND TOWER

Commercial Building
Green Mark Platinum

Project Team:

- Developer: Singapore Land Group Limited
- ESD Consultant: ARUP Singapore Pte Ltd
- Green Mark Consultant: G-Energy Global Pte Ltd
- Architect: AEI - Architects 61 Pte Ltd / Maki and Associates
- M&E: J. Roger Preston Limited
- C&S: T.Y.Lin International Pte. Ltd
- Lighting Designer: Lighting Planners Associates
- Builder: Takenaka Corporation

Singapore Land Tower is a 44-year-old office building owned by Singapore Land Group (SingLand). SingLand, by embarking on an extensive asset enhancement initiative (AEI) over a demolish-and-rebuild saw more than 50 percent of embodied carbon emissions avoided for the building.

Central to the AEI are concerted efforts to minimise operational carbon, with the installation of a double-glazed curtain wall to reduce heat transfer, energy-efficient lightings and upgrades to the air-conditioning and mechanical ventilation system.

Upon completion, the building will set the new benchmark of how older office properties can successfully regenerate and stay relevant to the changing needs of the workforce.