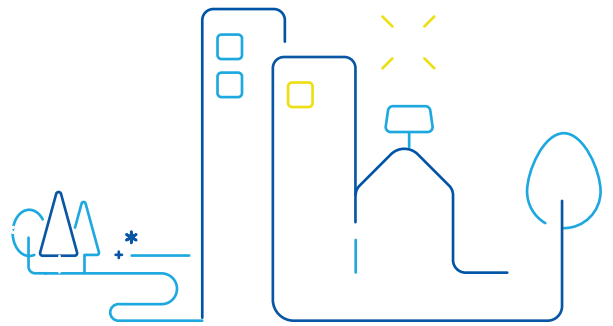


EC Building

Energy Connect Building

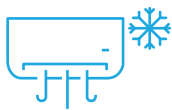
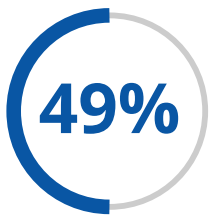


SMART BUILDING SOLUTION

Conduct building asset health monitoring, optimise energy usage, automate system operations and enhance building management

Looking Deeper into Buildings

Breakdown of Energy Consumption



On Ventilation and Air Conditioning



On Office Equipment



On Lighting



On Others

Air Quality



Level of Indoor Air Pollutants
5 Times
Higher than Outdoor Levels



What EC Building Can Do

Single to Multi-building Energy Consumption Monitoring

- Visualise, keep track of historical, current energy usage
- Forecast future consumption
- Gain actionable insights to better manage energy use and reduce electricity bills
- Benchmark performance across properties

Energy Solution for Heating, Ventilation, and Air Conditioning (HVAC)

- Complete offers available, from chiller audit, monitoring, optimisation and automation
- Leverage various technology to facilitate users to improve HVAC system efficiency and save costs

Asset Health Monitoring

- Central monitoring and visibility across all Infrastructure, e.g. transformers, motors, generators, transmission lines, bus ducts and more
- Monitor temperatures, faults, movements, and other anomalies
- Preventive maintenance and fault detection with real-time alarm notifications

Facility Monitoring

- Indoor air quality monitoring
- Smart occupancy solution that enhances space management, ranging from PIR sensors to radar sensors

Solar System Management

- Keep track of your solar return on investment
- Ensure panels are well maintained
- Visualise and communicate your sustainability impacts

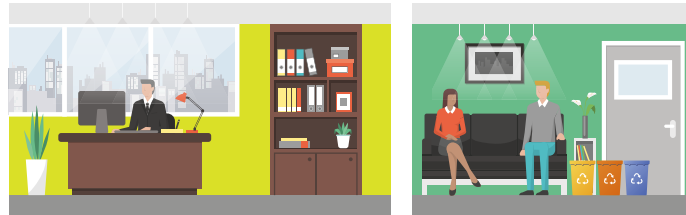
Indoor Positioning Technology

- Navigate in buildings easily
- Locate people/items with precision

What EC Building Can Bring to Your Properties

Cost, Energy, Manpower Savings

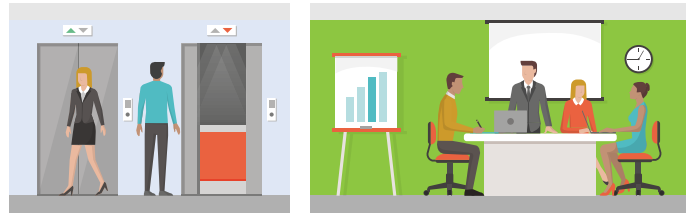
Modern-day technologies can reduce **55%** of energy consumption in buildings



Meet Environmental Goals and Improve Brand Image

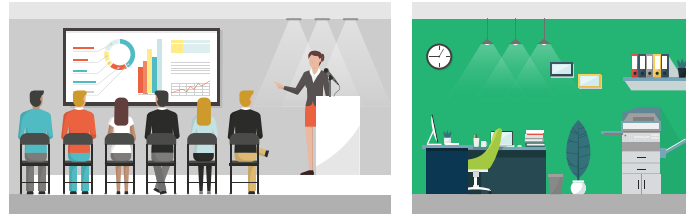
Enable Building System Monitoring

Combine with existing BMS or function independently



Occupancy-based Facility Management

First-hand and Accurate Data Collection



Improve Uptime and Maintain Optimal System Health

ENERGY CONNECT BUILDING



Our Cloud-based Intuitive Dashboards Cover: Energy Consumption Monitoring for Single to Multi Buildings



Asset Health Monitoring



Facility Monitoring

Air Quality Monitoring






Occupancy



EC Buildings in Asia Pacific






CLP Sham Shui Po Centre

-  45 days of manpower hours on facilities maintenance saved
-  >5% annual saving after initial deployment
-  Carbon footprint reduced equivalent to fuel used by 12 average mid-sized gasoline cars in HK over 6 months



Mixed Use Development Property in China

-  Saved 3.5% of annual energy consumption
-  Increased chiller efficiency chillers run on time and performance improved
-  System protection against condenser fouling desired cooling load met through fault detection and resilient control

About Smart Energy Connect

We care about our customers and the community that we live in. Against sustainability challenges faced by the Asia Pacific region and the world alike, we seek to empower our customers in achieving sustainability goals and combatting climate change



Energy and Carbon Management

From smart lighting, solar generation, battery storage, carbon audit and offset, new options are available for you



End-to-end Service

For energy innovations, from consultation, customisation, deployment to optimisation

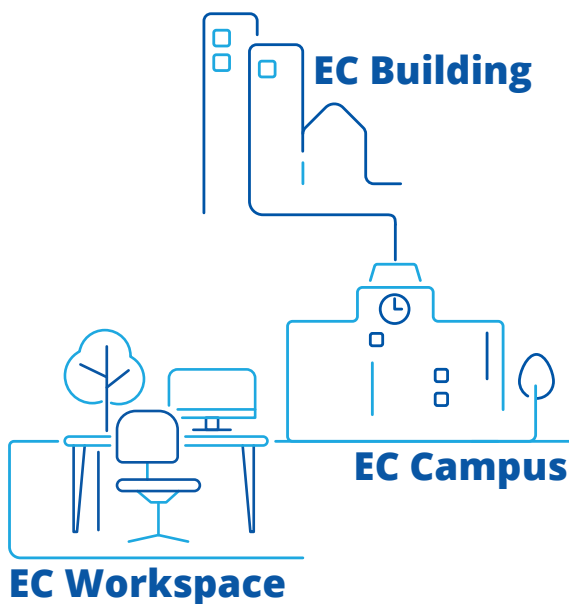


Operation Enhancement

From conducting health check-ups, identifying faults to recommending optimisation opportunities

Solutions at a Glance

For More Energy-saving, Money-saving, Time-saving Solutions



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