



Smart Energy
Connect

powered by CLP

EC Workspace

Energy Connect Workspace

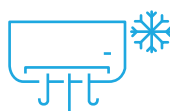
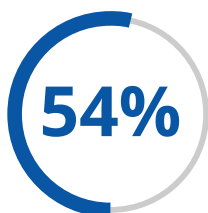


SMART OFFICE SOLUTION

Optimise your office, maximise space efficiency, reduce operating costs, improve employee's productivity and wellbeing

Looking Deeper into Workspaces

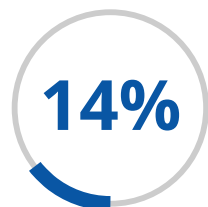
Breakdown of Energy Consumption



On Air Conditioning



On Lighting



On Office Machines

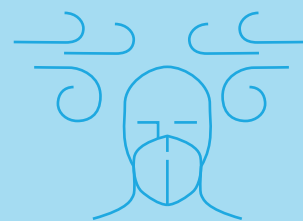
Inefficient Space Usage



30%

Meeting Room Underutilisation
e.g. no-shows

Air Quality



Level of Indoor Air Pollutants

5 Times

Higher than Outdoor Levels



What EC Workspace Can Do

Machine Learning Energy Consumption Monitoring and Forecast

- Visualise, keep track of historical and current consumption data
- Forecast future consumption
- Quantify energy saving efforts

Smart Lighting Control

- Automate lighting control based on occupancy and scheduling
- Manage lighting through desktop or mobile centrally by employees
- Save time of routine patrols to manage lighting

Automatic Ventilation & Air-con Control and Monitoring

- Combine temperature and motion sensors to optimise indoor temperature automatically
- Create comfortable environment for staff

Smart Air Quality Monitoring

- Monitor real-time indoor air quality and historical data
- Receive alerts when air quality needs attention
- Put employees at ease when complaints arise

Facility Utilisation Optimisation

- Save precious meeting room space by getting data on actual usage
- Book rooms instantly anywhere with hassle-free check-ins and instant notifications

What EC Workspace Can Bring to Offices

Promote Best Practices and Employee Awareness

Ensure Facility's Optimal Utilisation

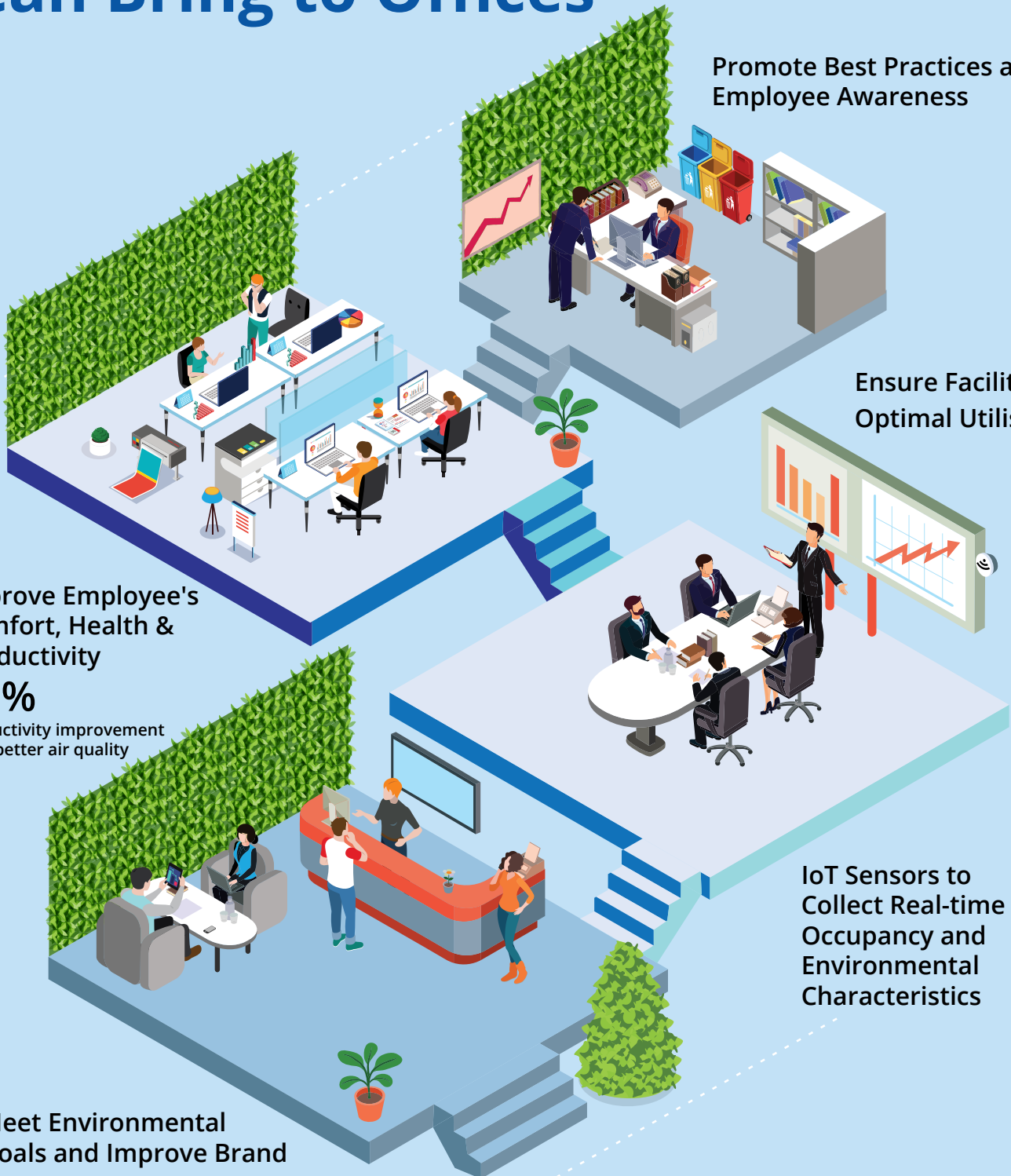
Improve Employee's Comfort, Health & Productivity

50%

Productivity improvement with better air quality

IoT Sensors to Collect Real-time Occupancy and Environmental Characteristics

Meet Environmental Goals and Improve Brand Image

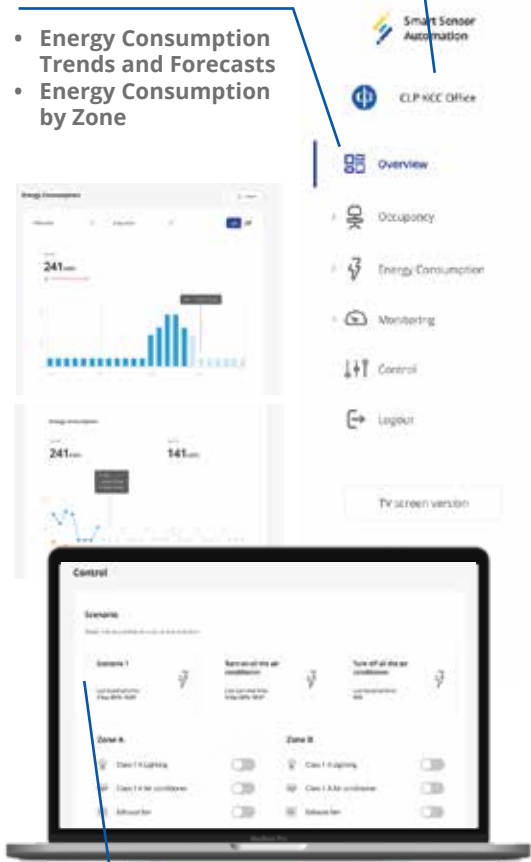


Our Cloud-based Intuitive User Interface

Your Company Logo

Data Reporting and Analytics

- Energy Consumption Trends and Forecasts
- Energy Consumption by Zone

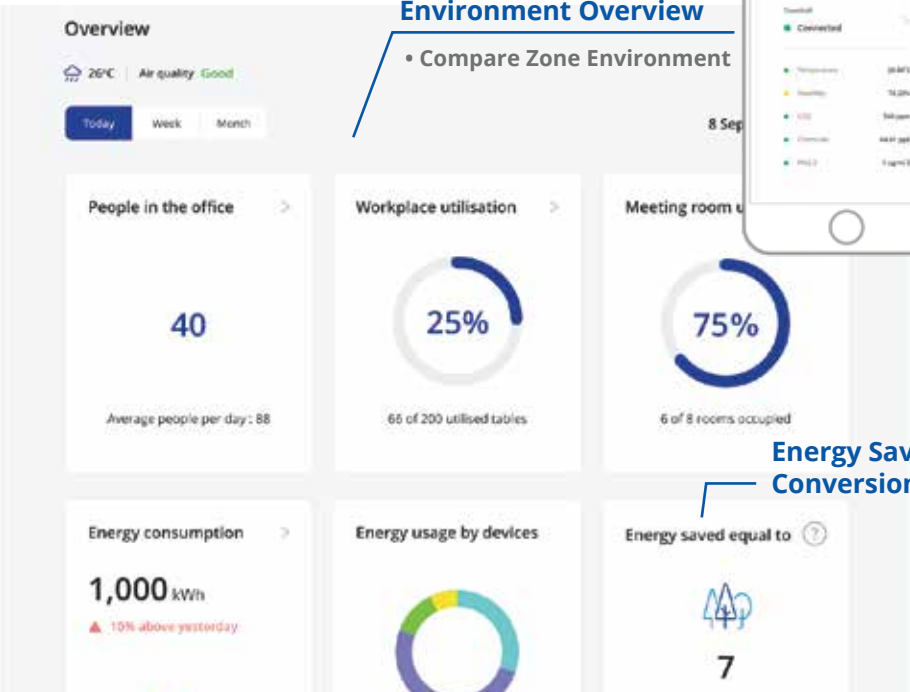


Pre-set Scenarios to Automate Control

- Mobile Enabled

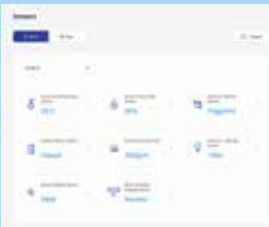
Internal & External Environment Overview

- Compare Zone Environment



Energy Savings Conversion

• System Monitoring



• People Counting



• Workspace Utilisation



EC Workspaces in Hong Kong



CLP Innovation Hub

- Automated lighting control
According to motion of room occupants
- Energy wastage identification
Identified as areas for improvement
- Smart office branding
Through automation and energy consumption monitoring



Bakery Chain Office

- Automated air conditioning control
According to office occupancy
- Improved data visibility
On energy consumption to management
- 3 years
Estimated return on investment upon deployment

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

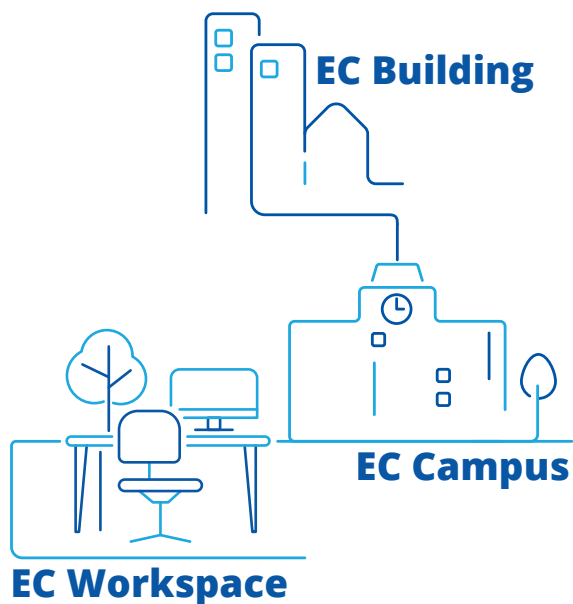
For energy innovations, from consultation, customisation, deployment to optimisation



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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Smart Energy Connect



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