

Modern and intelligent building technologies and design that minimise the energy consumption of commercial and residential buildings in order to improve efficiency, reduce cost and save lives.

Competitive advantage

- Expertise in minimising energy consumption and improving thermal and visual comfort
- Recognised achievements in reducing energy consumption, carbon emissions and indoor pollutants

Impact

- Improving indoor thermal comfort and reducing the instance of heatrelated mortality and morbidity
- Bettering health, refining comfort and delivering productivity with minimum energy consumption

More Information

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Successful applications

- Expertise has been applied successfully in more than 500 large-scale building projects around the world
- Collaboration with major construction companies

Capabilities and facilities

- A fully-equipped laboratory able to perform any kind of energy and environmental measurements in buildings
- State-of-the-art mobile energy bus with thermal cameras, tracer gas equipment, IAQ sensors and analysers, light and daylight measuring equipment, and a drone to perform aerial measurements
- All types of tools to simulate energy usage in buildings

Our partners

Several companies that specialise in construction and the production of energy systems for buildings.