

## Sustainable Environment Control Center

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### □ Main research field

- Industrial refrigeration system
- Air-conditioning system and design
- Energy analysis and energy efficient design of buildings
- Building environmental control and simulation analysis
- Green building design and certification
- AIoT and digital twin

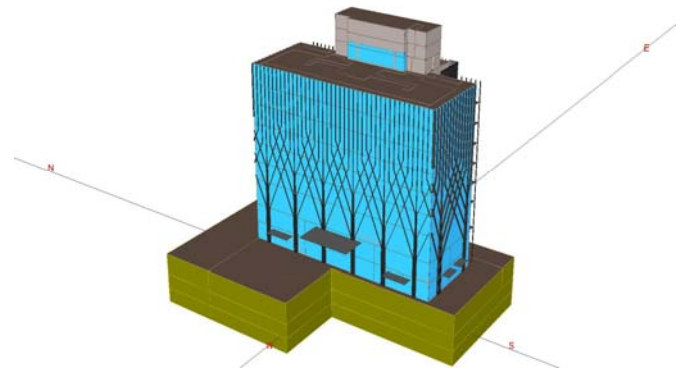


Figure 2. Energy analysis and energy efficient design of buildings

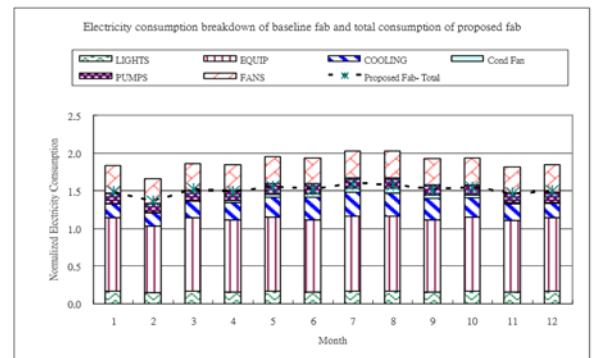


Figure 3. Energy simulation for building and industrial process



Figure 1. R&D for VFD chiller

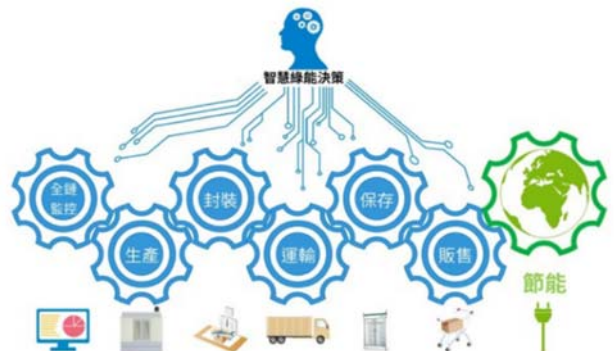


Figure 4. AIoT for green cold chain