

Case study: ESG and decarbonization of the Ikea China portfolio

37 ○ sites of deployment

30% ○ HAVC energy reduction

1.4M ○ sqm of property

8M ○ annual energy savings
kWh

10M ○ annual carbon reduction
KG



Project overview

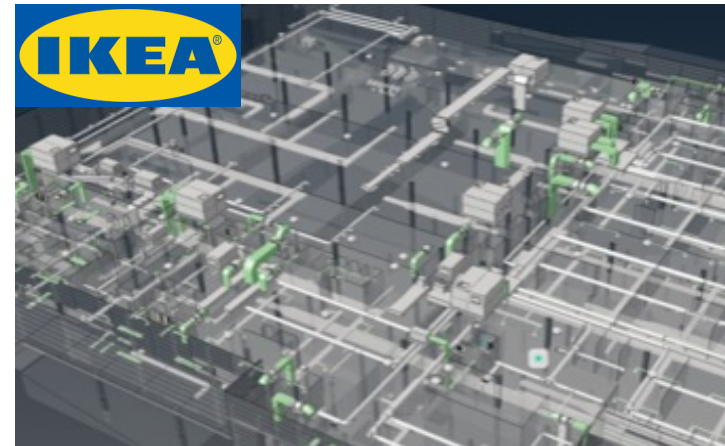
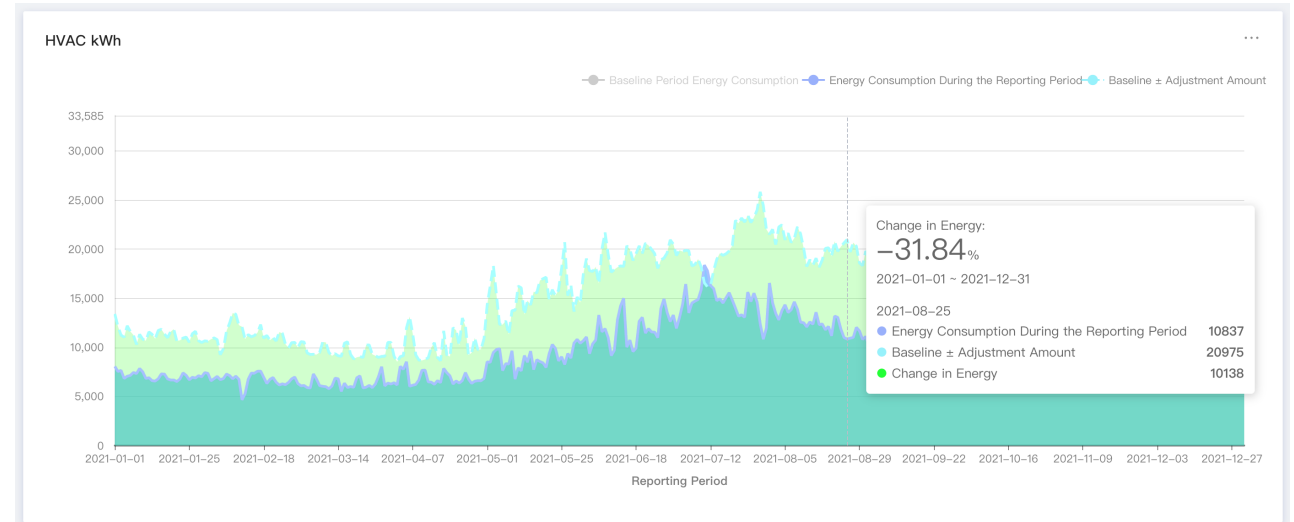
Our journey with Ikea began with a pilot at their location in Jinan, China. In just two weeks, we achieved a 30% HVAC energy reduction at the site. Having seen the capabilities of the Akila platform, Ikea has now signed on to scale up across its full China portfolio.

What we are deploying:

- Akila digital twin
- Akila Energy module
- Akila data platform
- HVAC optimization with auto control

Benefits

- 24/7 real-time monitoring on the conditions of the critical facility equipment
- +10% BMS operation cost and management efficiency
- +30% reduction of energy consumption on the HVAC central supply system



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As a large portfolio holder in China, Ikea is keenly aware of its responsibility to build and operate sites with maximum sustainability, as well as the challenges that come with such commitments. Working with Akila gives us an unparalleled opportunity for optimization of our construction and building operations, based on the data insights Akila generates across the building lifecycle and its harnessing of AI to simulate and predict future performance."



Stephane Deville,
President, IKEA Inkga Group
Real Estate China

