

Building Carbon Management Platform

Transform construction data into net-zero progress



Lifecycle Carbon Management, Fully Integrated

A unified platform that makes low-carbon construction and operations measurable, traceable, and optimizable. Built for developers, contractors, and asset managers, the platform integrates construction carbon accounting, energy data management, and low-carbon building assessment. Real-time visualization supports smarter design decisions and full-lifecycle building management.

Smart Construction Log Analytics

AI converts daily logs into carbon data, reducing manual errors.

Energy & Resource Data Auto-Calculation

Batch upload of electricity, water, and fuel data with automatic carbon accounting, rapidly building a construction-phase database.

Low-Carbon Building Rating Real-Time Dashboard

Real-time calculation of low-carbon building ratings with progress tracking toward compliance.

Seven-Category Carbon Visualization

Breaks down emissions by category to pinpoint high-carbon hotspots.

◆ Key Feature



Smart Construction Carbon Management

- Track construction carbon emissions in real time
- Identify high-carbon hotspots instantly
- Enable data-driven reduction planning



Low-Carbon Design Decision Support

- Assess carbon performance from design to construction
- Optimize project-level carbon strategies
- Generate low-carbon assessment reports



Integrated Energy & Carbon Decision Platform

- Unify energy and carbon reduction strategies
- Support enterprise-wide carbon decisions
- Drive sustainable, low-carbon building practices

Low-Carbon Building Lifecycle Management



Design Phase

- Compare carbon footprints across materials and methods
- Predict low-carbon certification outcomes
- Identify high-carbon risks early to avoid rework costs

Reduce embodied carbon risk from the design phase

Construction & Operation Phase

- Track construction carbon trends in real time
- Auto-consolidate energy, water, and fuel data
- Support inspections, audits, and sustainability reporting

Embed carbon management into daily operations



Long-Term Carbon Management

- Build a project carbon emissions database
- Benchmark against historical project data
- Inform future low-carbon design decisions

Scale from project execution to enterprise carbon strategy

Ennowell Co., Ltd.

✉ service@ennowell.com

☎ +886-2-2367-6968

