

GESTI PULSE – ENERGY MANAGEMENT & OPTIMISATION
PLATFORM

See your energy. Understand your plant. Improve your performance.

Connected monitoring,
engineering insight and governed
evidence

For housing providers, local
authorities, universities and
estate operators

Example platform screens use illustrative demonstration data

From fragmented readings to confident action

Metering

Electricity · heat · gas · water

Plant records

Service records · PPM records · Plant-room logbook · O&M manuals

Operational context

Weather · comfort · PPM · approvals

CONNECTED EVIDENCE PATHWAY

- 01 Bring metering, plant information and operational context together
- 02 Identify abnormal consumption, missing evidence and performance risks
- 03 Prioritise engineering investigations and controlled improvement actions
- 04 Preserve the source, status and ownership of every important input



One connected view of portfolio performance

London University Estate • Portfolio overview

Updated 20 Sep 2026 • 09:12

Illustrative data

Sites

6

Total Governed Datapoints
Overall

(The London University Estate – 6
Sites)

1,662

Open priorities

4

Data coverage

96%

Energy profile

Last 7 days



Priority queue

High • Heat meter coverage gap

Review • Dance studio above target

Approve • Electricity tariff revision

Understand every utility and cost assumption

Electricity

412 MWh

Main incomer · current period

Heat

638 MWh

Energy centre · current period

Gas

51,240 m³

Approved volume conversion

Water

2,184 m³

Portfolio consumption

London University electricity 2026

Completed tariff example

Utility / fuel

Electricity

Standing charge

£4.85/day

Site / meter scope

London University · Main incomer

Unit rate

24.80 p/kWh

Effective dates

01 Jan–31 Dec 2026

Source / reference

Supplier contract ES-2026-04

Governance:

Approved by Portfolio Energy Manager · 12 Sep 2026

Approved

Keep the plant room record complete

Illustrative demonstration data

Asset register

Title
ASHP-01 North Plant

Manufacturer
Mitsubishi Electric

Model
CAHV-P500YA-HPB

Serial
ME-26-004182

Location
Roof plant room

Next service
15 Mar 2027

Documents & drawings

Document type
Plant schematic

Title
LTHW as-built drawing

Revision
C3 · Controlled

Document date
03 Sep 2026

Next review
03 Sep 2027

Evidence reference
DOC-LTHW-042

BMS & controls

Platform
Building management system

Panel / controller
BMS-CTRL03

Location
Energy centre panel 3

Strategy
Weather-compensated LTHW

Access process
Authorised engineer SOP-07

Maintainer
Controls contractor

Water quality

Sample location
LTHW primary return

Sample date
18 Sep 2026 · 10:30

pH
8.4 · Acceptable

Conductivity
712 µS/cm

Inhibitor
1,120 ppm

Next test due
18 Mar 2027

Turn PPM visits into usable engineering evidence

Visit configuration

Site	Visit date
London University	20 Sep 2026
Lead engineer	Scope
Alex Morgan	PPM + Service
Equipment	Status
1 × Air source heat pump	In progress

Work safely offline, then synchronise the latest report

ASHP-01 • Service record

1 follow-up

Asset-level checklist and findings

Manufacturer	Model	Serial
Mitsubishi Electric	CAHV-P500YA-HPB	ME-26-004182

Visual inspection and leak check Complete

Operating temperatures recorded Complete

Condenser fan guard vibration Action required

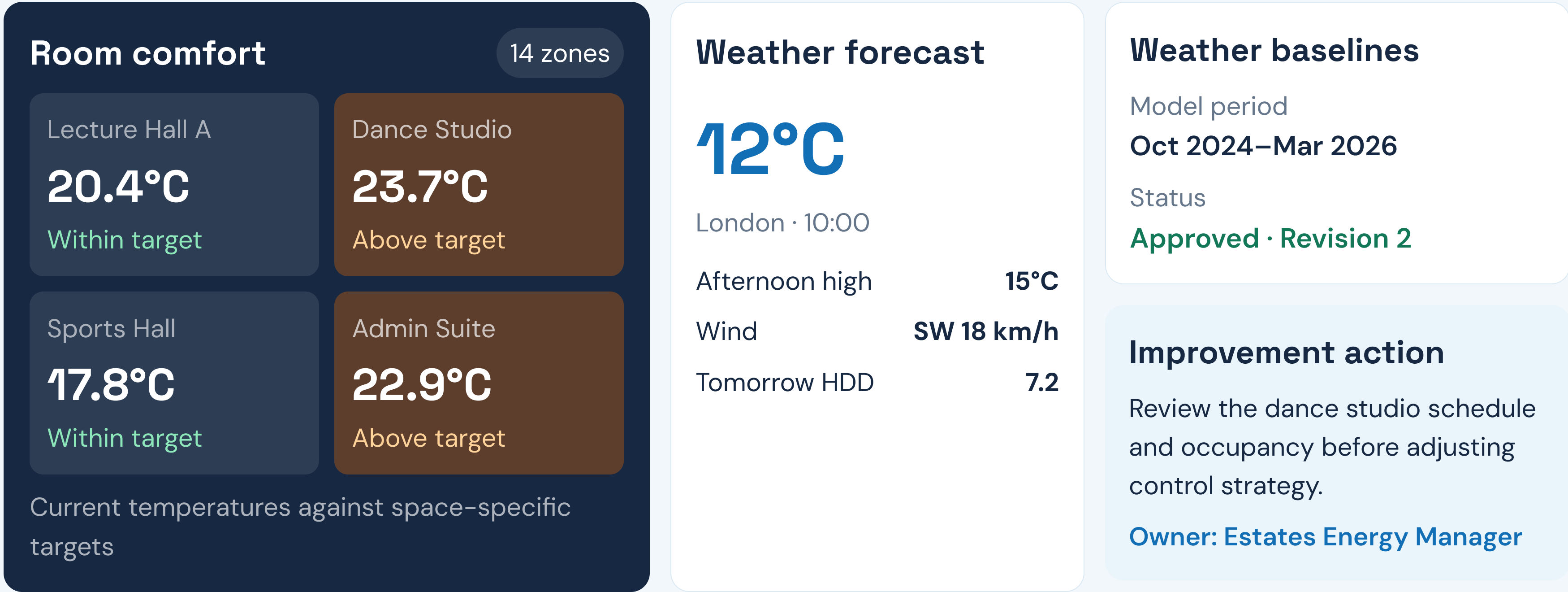
Corrective action Tighten fixings and verify at next attendance • Owner: FM contractor • Due 27 Sep

Saved and synchronised

Photos 3 • Engineer sign-off recorded

Configure the visit by site, engineer, scope and equipment • Complete asset-level checklists • Add controlled photos, actions and sign-off evidence

See comfort, weather and performance context together



Build an evidence-led reporting record

Carbon & ESG

Scope 1

184.2

tCO₂e

Scope 2 ·
location

91.6

tCO₂e

Scope 3 · Cat 3

27.4

tCO₂e

Approvals

Revision approved

Input

Electricity factor 2026

Source

UK Government factors

Value

0.177 kgCO₂e/kWh

Reviewer

Portfolio approver

HNTAS readiness

68%

12 evidence items ready

4 gaps · 2 actions underway

Readiness support — not certification

Framework views

**Housing & local
authorities**

Corporate and area-wide
evidence mapping

London University

Scope and intensity
reporting readiness

Govern the data behind every decision

Datapoint governance

142 active

Datapoint	Source	Unit	Status
Main incomer power	Electricity meter	kW	Active
LTHW flow temperature	BMS-FT03	°C	Active
Gas volume	Utility meter	m³	Active

Source, unit, cadence, hierarchy and active status remain controlled.

Feedback inbox

What is this about?

Room comfort report

Feedback

Please add a weekly exception summary for facilities meetings.

Assigned · Product team

Subscription & billing

Plan	Capacity
Portfolio 250	142 / 250
Status	Period ends
Active	30 Sep 2027

Completed examples show clear owners, evidence references and next actions

A complete example workflow

01

Detect

A comfort exception and abnormal heat profile are raised

02

Investigate

Plant, meter, weather and maintenance evidence are reviewed

03

Act

An engineer records the defect and controlled corrective action

04

Verify

The updated evidence is synchronised and reviewed

05

Report

Status, ownership and outcome remain visible to the portfolio team

Evidence stays connected

Telemetry, field findings and approvals retain their source.

Actions stay owned

Every follow-up has a responsible person and due date.

Outcomes stay visible

The portfolio team can see what changed and why.

Designed for accountable delivery

01

Role-based access to portfolio information and administrative controls

02

Device-first field records for interrupted or offline working

03

Explicit unavailable states instead of fabricated results

04

Governed approvals and revision history for critical inputs

05

Secure provider pathways for connected services and billing

Data is useful only when teams can understand its source, trust its status and see the action it supports.

NEXT STEP

Discuss your building or heat network

Explore GESTI PULSE with your own sites, meters and operational priorities

Review monitoring, optimisation, PPM and reporting requirements

Agree the evidence, integrations and governance needed for implementation

gesti.co.uk

All figures and completed forms in this document are illustrative demonstration data unless explicitly sourced and dated.