



CrowAgent™ Platform

Sustainability AI for the UK Built Environment

Privacy Policy & Terms and Conditions

Effective Date: 12 March 2026

Contact: crowagent.platform@gmail.com

Operated by Aparajita Parihar · United Kingdom

These documents govern all access to and use of the CrowAgent™ Platform. Please read them carefully before using the Platform.



PRIVACY POLICY

Effective Date: 12 March 2026 · **Operator:** Aparajita Parihar · **Contact:** crowagent.platform@gmail.com

1. Introduction

CrowAgent™ Platform (“Platform”, “we”, “us”, or “our”) is a physics-informed AI sustainability consultant designed for the UK built environment. This Privacy Policy explains how we collect, use, store, and protect information when you access or use the Platform. By using the Platform, you agree to the practices described in this Policy.

2. Who We Are

The Platform is operated by Aparajita Parihar, an independent researcher and developer based in the United Kingdom. CrowAgent™ is a trademark of Aparajita Parihar (UK IPO Class 42, registration pending). The Platform is not affiliated with, endorsed by, or sponsored by the University of Reading or any other institution.

3. What Information We Collect

3.1 Information You Provide Voluntarily

- API keys (e.g. Google Gemini API key) that you enter to activate the AI Advisor feature.
- Building and portfolio data you enter into the Platform, such as building names, floor areas, U-values, and intervention scenarios.
- Location information (postcode or region) used to retrieve weather data for thermal calculations.

We do not require you to create an account or provide any personally identifying information to use the core features of the Platform.

3.2 Information Collected Automatically

- Usage data collected by Streamlit Community Cloud (the hosting provider), which may include anonymised session telemetry, error logs, and performance data.
- Technical information such as browser type, device type, and IP address, as collected by the hosting infrastructure.

We do not use cookies for tracking or advertising purposes. Any cookies present are set by the Streamlit hosting environment for session management only.

3.3 AI Advisor Queries

When you use the AI Advisor feature, your text queries are transmitted to Google Gemini (a third-party AI service operated by Google LLC). These queries may include building data and analytical questions you type into the interface. Please refer to Google’s Privacy Policy at <https://policies.google.com/privacy> for details of how Google processes this data.

We recommend that you do not submit personally identifiable, commercially sensitive, or confidential information through the AI Advisor.

3.4 Weather Data

The Platform retrieves live weather data from Open-Meteo API and, optionally, the UK Met Office DataPoint API. These requests transmit location coordinates or postcode data to these third-party services. Please refer to their respective privacy policies for further information.



4. How We Use Your Information

- To provide the core thermal modelling, financial analysis, and compliance functionality of the Platform.
- To retrieve real-time weather data to improve the accuracy of thermal calculations.
- To power the AI Advisor by passing your queries to the Google Gemini API.
- To diagnose technical issues and improve Platform performance.

We do not use your information for advertising, marketing, or any commercial profiling purposes.

5. Data Storage and Security

The Platform is hosted on Streamlit Community Cloud. We do not operate our own servers or databases. No personal data, building portfolios, or API keys are stored persistently on our systems beyond your active browser session.

API keys you enter are held in memory for the duration of your session only. They are never written to disk, logged, or transmitted to us. You should treat your API key as a secret and avoid sharing it.

While we take reasonable precautions, no transmission over the internet is completely secure. We cannot guarantee the absolute security of data transmitted to third-party services (Google Gemini, Open-Meteo, Met Office).

6. Third-Party Services

The Platform integrates with the following third-party services. By using the Platform, you acknowledge that your data may be transmitted to these services:

- Google Gemini (AI inference) — <https://policies.google.com/privacy>
- Streamlit Community Cloud (hosting) — <https://streamlit.io/privacy-policy>
- Open-Meteo API (weather data) — <https://open-meteo.com/en/terms>
- UK Met Office DataPoint (weather data, optional) — <https://www.metoffice.gov.uk/about-us/legal/privacy-and-cookies>

We are not responsible for the privacy practices of these third-party services.

7. Your Rights (UK GDPR)

As a user based in or accessing the Platform from the United Kingdom, you may have rights under the UK General Data Protection Regulation (UK GDPR) and the Data Protection Act 2018, including the right to access, correct, or request deletion of personal data we hold about you. Because we do not retain personal data beyond your active session, the practical scope of these rights is limited.

For any privacy-related enquiries or to exercise your rights, please contact us at: crowagent.platform@gmail.com

8. Children

The Platform is not intended for use by persons under the age of 16. We do not knowingly collect data from children.

9. Changes to This Policy

We may update this Privacy Policy from time to time. The effective date at the top of this document will be updated accordingly. Continued use of the Platform following any changes constitutes acceptance of the revised Policy.



10. Contact

For privacy concerns or questions, please contact: crowagent.platform@gmail.com



TERMS AND CONDITIONS

Effective Date: 12 March 2026 · **Operator:** Aparajita Parihar · **Contact:** crowagent.platform@gmail.com

1. Acceptance of Terms

By accessing or using the CrowAgent™ Platform (“Platform”), you agree to be bound by these Terms and Conditions (“Terms”). If you do not agree to these Terms, you must not use the Platform. These Terms apply to all users regardless of segment (University/HE, Commercial Landlord, SMB Industrial, or Individual Self-Build).

2. Description of Service

CrowAgent™ is a physics-informed AI sustainability decision intelligence platform for the UK built environment. It provides:

- Thermal energy modelling using a Physics-Informed Neural Network (PINN) methodology.
- Financial analysis of retrofit interventions including payback period, ROI, and cost-per-tonne CO₂e.
- UK regulatory compliance checking against Part L 2021, MEES, SECR, EPC, and Future Homes Standard frameworks.
- An AI Advisor powered by Google Gemini for natural-language sustainability recommendations.
- Live weather data integration via Open-Meteo and Met Office DataPoint APIs.

The Platform is provided as a working prototype for informational, research, and educational purposes. It is NOT a substitute for professional engineering, financial, or legal advice.

3. Eligibility and Permitted Use

You must be at least 16 years of age to use this Platform. You agree to use the Platform solely for lawful purposes. Permitted uses include:

- Academic research and educational demonstrations.
- Personal study and non-commercial exploration of sustainability scenarios.
- Internal evaluation of retrofit interventions for your own building portfolio.

Any commercial use requires express written permission from Aparajita Parihar. See Section 10 (Intellectual Property).

4. No Professional Advice

All Platform outputs — including energy savings, carbon projections, financial payback estimates, and compliance assessments — are modelled estimates based on simplified steady-state physics calculations calibrated against published UK sector averages. They are indicative only and:

- Do NOT constitute professional engineering, financial, legal, or regulatory advice.
- Must NOT be used as the sole basis for any capital investment, procurement, planning, or compliance decision.
- Do NOT replace a site-specific energy assessment by a suitably qualified and accredited energy assessor.

You should always commission an independent, accredited professional survey before undertaking any retrofit programme.



5. API Keys and Third-Party Services

Certain features (notably the AI Advisor) require you to provide your own API key for a third-party service. By entering an API key:

- You confirm you are authorised to use that API key.
- You accept that your queries will be transmitted to the relevant third-party service subject to that service's own terms and privacy policy.
- You are solely responsible for any costs, usage limits, or restrictions associated with your API key.

We are not responsible for any charges, data loss, or service interruptions arising from your use of third-party API services.

6. Accuracy of Data and Disclaimer

All energy, carbon, and financial results are derived from:

- BEIS Greenhouse Gas Conversion Factors 2023 (carbon intensity: 0.20482 kgCO₂e/kWh).
- HESA Estates Management Statistics 2022-23 (indicative electricity cost: £0.28/kWh).
- CIBSE Guide A Environmental Design (U-values, heating season benchmarks).
- PVGIS EC Joint Research Centre (solar irradiance data for Reading).
- Open-Meteo and Met Office DataPoint (live weather).

The Platform uses a fictional institution ("Greenfield University") as demonstration data. Any resemblance to real institutions is coincidental. You are responsible for the accuracy of any data you input.

7. Limitation of Liability

To the fullest extent permitted by applicable law:

- The Platform is provided "AS IS" and "AS AVAILABLE" without warranty of any kind, express or implied.
- Aparajita Parihar shall not be liable for any direct, indirect, incidental, consequential, special, or exemplary damages arising from your use of or inability to use the Platform.
- Aparajita Parihar accepts no liability for decisions made on the basis of AI Advisor outputs or any other Platform outputs.
- Aparajita Parihar accepts no liability for the availability, accuracy, or performance of third-party services.

Nothing in these Terms excludes liability for death or personal injury caused by negligence, or any other liability that cannot be excluded under English law.

8. Availability and Service Changes

The Platform is deployed on Streamlit Community Cloud (free tier) and is provided on a best-efforts basis. We do not guarantee continuous, uninterrupted availability. We reserve the right to modify, suspend, or discontinue the Platform at any time without notice.

9. User Responsibilities

You are responsible for:

- Ensuring that the building data and portfolio information you enter does not infringe third-party rights.
- Keeping your API keys secure and not sharing them with other users.
- Complying with all applicable laws and regulations in connection with your use of the Platform.



- Not attempting to reverse-engineer, decompile, or extract the Platform's source code beyond what is made available under the stated licence.
- Not using the Platform in any way that could damage, overload, or impair its functionality.

10. Intellectual Property

CrowAgent™ Platform — including all source code, physics models, UI design, and brand assets — is the original work of Aparajita Parihar and is protected by copyright. CrowAgent™ is a trademark of Aparajita Parihar (UK IPO Class 42, registration pending).

10.1 Non-Commercial Licence

You are granted a limited, non-exclusive, non-transferable licence to use the Platform for non-commercial purposes, including academic research, personal study, and educational demonstrations, provided that all copyright notices, trademark statements, and these Terms are retained.

10.2 Commercial Use Restriction

Any commercial use of the Platform — including but not limited to selling outputs, using the Platform as part of a paid consultancy service, or deploying it within a commercial organisation — is strictly prohibited without express written permission from Aparajita Parihar.

For commercial licensing enquiries: crowagent.platform@gmail.com

10.3 No Affiliation

CrowAgent™ Platform is an independent research and development project. It is not endorsed by, affiliated with, or sponsored by the University of Reading or any other institution.

11. Governing Law and Jurisdiction

These Terms are governed by and construed in accordance with the laws of England and Wales. Any disputes arising out of or in connection with these Terms shall be subject to the exclusive jurisdiction of the courts of England and Wales.

12. Changes to These Terms

We reserve the right to modify these Terms at any time. The effective date at the top of this document will be updated accordingly. Your continued use of the Platform constitutes your acceptance of the updated Terms.

13. Contact

For any questions relating to these Terms, please contact: crowagent.platform@gmail.com

GitHub: <https://github.com/WonderApri/crowagent-platform>