



Improving the climate
resilience, energy
efficiency and liveability
of residential property



THE PROBLEM

Safeguarding the future value & liveability of property now requires consideration of 3 topics that have historically been ignored:

1. Energy efficiency

2. Climate risks

3. Impact on wellbeing

However, there are currently no adequate solutions for assessing the risks and opportunities that these all pose at an individual property level.

This creates significant problems for:



Households

Increasingly exposed to rising energy costs and emerging risks.



Banks & building societies

Managing risks across a mortgage loan book worth more than £100tn globally.



National & local governments

Relying on residential property to contribute 20% of net zero targets.

OUR SOLUTION

PropEco exists to provide the data and tools that organisations (and their customers) need to assess, decarbonise and de-risk residential property.



How it works

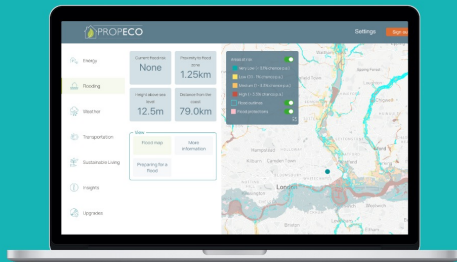
1. We integrate and enhance hundreds of data sources, then address the issues and absences within these using proprietary data, models* & geospatial analysis.
2. We use this data platform to power several products and services, including an API and portfolio assessment tools.
3. These help our customers save time & money, reduce complexity & risk, make better decisions and engage with their stakeholders.

**Including an industry-leading thermodynamic property model and retrofit assessment engine.*

BUSINESS MODEL

Our B2B / B2B2C model is high-margin and highly scalable, with multiple revenue streams:

Portfolio analysis



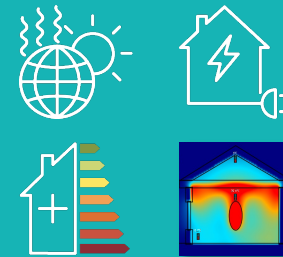
- £10k-20k p.a.
- Recurring annually
- Highly sticky

API



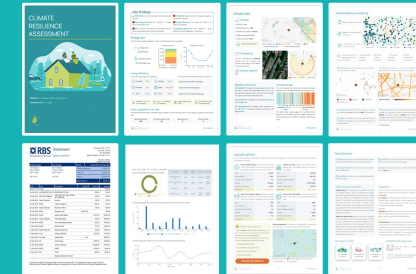
- £500-5000 p.a.
- Subscription-based
- 5 endpoints

Datasets



- Annual licenses
- £5k-20k p.a.

Property reports



- White-labelled
- Highly customisable
- £15-40 per report

We work with lenders, energy services companies, property intermediaries and proptechs including:



ABOUT PROPECO

Founded in 2021, we are a mission-driven company dedicated to future-proofing property with advanced data and analytics.

COMPANY LEADERSHIP & ADVISORS

Chris Hardman, CEO

15 years in green finance, climate research and start-ups.

Dr Thomas French, Data

10 years leading engineering /data science teams. PhD in AI.

Dr Nicolas Kelly

Expert in energy modelling at Strathclyde University.

Dave Rowe

Geospatial data expert at Ordnance Survey.

Rory Brown, CTO

Experienced software developer, previously at JP Morgan.

Dr Justin Butler

Founder and former-CEO of Ambient Risk Analytics.

Alex Bannister

Former Director of Strategic Partnering at Nationwide.

Aaron Robinson

PropTech entrepreneur & former CTO of Primary Bid.

PARTNERS



Ordnance Survey



Innovate UK



GEOVATION



Science and Technology Facilities Council

Built Environment
Smarter Transformation



WHERE THE FUTURE IS BUILT



£150,000 of grant funding raised to date.

IMPACT

PropEco is on a mission to make a significant contribution to the fight against climate change while delivering a host of additional environmental and social benefits.



Reduce CO₂e emissions

We can reduce a household's carbon footprint by up to 10 tonnes p.a.



Enhance wellbeing & resilience

We help people safeguard and enhance their financial, physical and mental wellbeing



Democratise access to data

We help people understand the risks they face and make better decisions

We contribute to five UN Sustainable Development Goals:

