

## We make your property data simple, available and useful.

We are able to build models of every building in your portfolio - be that 10 buildings or 100,000. We can show you where they are, what they are made of and how they are performing. We then give you the tools to establish what you should be doing with them. This includes **energy and carbon footprint reducing retrofit** activities.

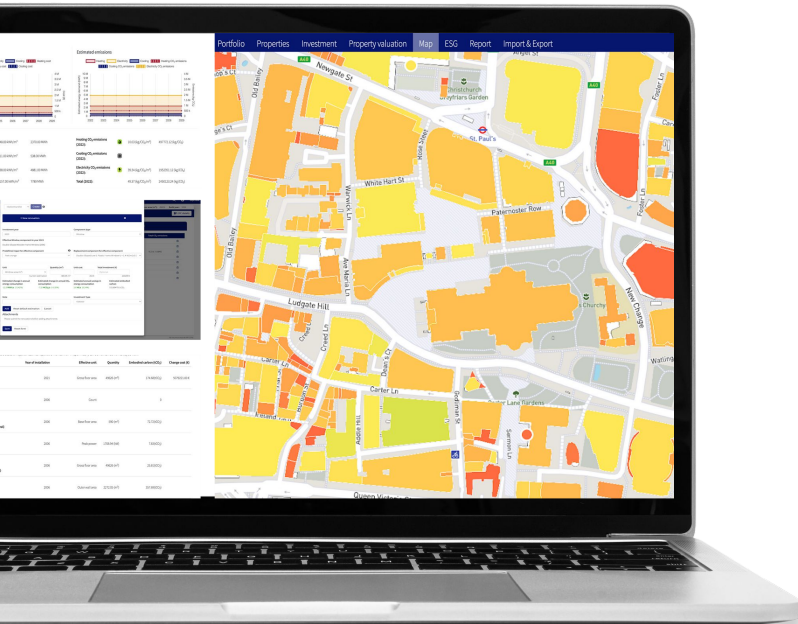
## We show you the options, the costs and the outcomes.

Our heating and cooling calculation method is based on the **ISO 52016-1:2017** monthly method. The ISO method is applicable to buildings at the design stage, to new buildings after construction and to existing buildings in the use phase.

This includes the assessment of:

- Heat loss through building fabric - based on building envelope part areas (base floor, exterior walls, roof, windows, doors) and thermal transmittance (U-value)
- Estimated thermal mass of buildings to assess sensitivity
- Estimated solar heat gain through windows
- Estimated domestic hot water demand, electrical appliance and lighting demand, ventilation rate, air leakage/infiltration
- Internal heat gains from electrical appliances and occupancy

Our approach is flexible and scientifically grounded, meaning that we are able to adapt to almost any context. We are able to work With highly uncertain data environments and in many cases build Up datasets from scratch with our data partners.



## Our solution for sustainability.

We model the building systems, components, materials, past and future renovations, and how do they affect the value and performance of the property unit. Without visiting the property, and without expensive IoT.

- All property types,
- Automate your compliance/ regulatory reporting,
- Automated KPIs for your portfolio,
- Technical risks and future costs,
- Automated retrofit plans,
- ESG/ carbon reporting,

Trusted by:



Replacing intuition with data.

