

Net Zero Living: Meet The Innovator - Webinar Series

Webinar 1: Decarbonisation of Buildings and the Public Estate

24th February 2025





Our Purpose & Vision

We are part of Innovate UK, the UK's innovation agency.

We create diverse connections to drive positive change.

To establish a network of innovators so powerful its ideas will change the world.



Innovate
UK

Business
Connect

Our Network



46,229
Unique
Organisations



72%
Small

15%
Medium

13%
Large



335,478
innovators



**Every university
in the UK**



**Innovate
UK**

**Business
Connect**

Innovate UK Net Zero Living Programme



A £60 million, three-year programme that aims to help places and businesses across the UK to accelerate the delivery of the transition to net zero.

Two core focus areas

Providing support to 52 local authorities, their partners and communities to overcome non-technical systemic barriers to the scaling and adoption of net zero solutions.

Supporting businesses to better understand and respond to the needs, opportunities and barriers preventing the large-scale roll out of net zero solutions.



<https://iuk-business-connect.org.uk/programme/net-zero-living/>



Innovate
UK

Business
Connect



Kat Runnalls
Fairer Warmth



Daniel Hill
**Dark Matter
Labs**



Nick Tune
Optimise AI



Innovate
UK

Business
Connect

Fairer Warmth

Decarbonisation of Buildings and the
Public Estate

24th February 2025

Kat Runnalls



Fairer Warmth App



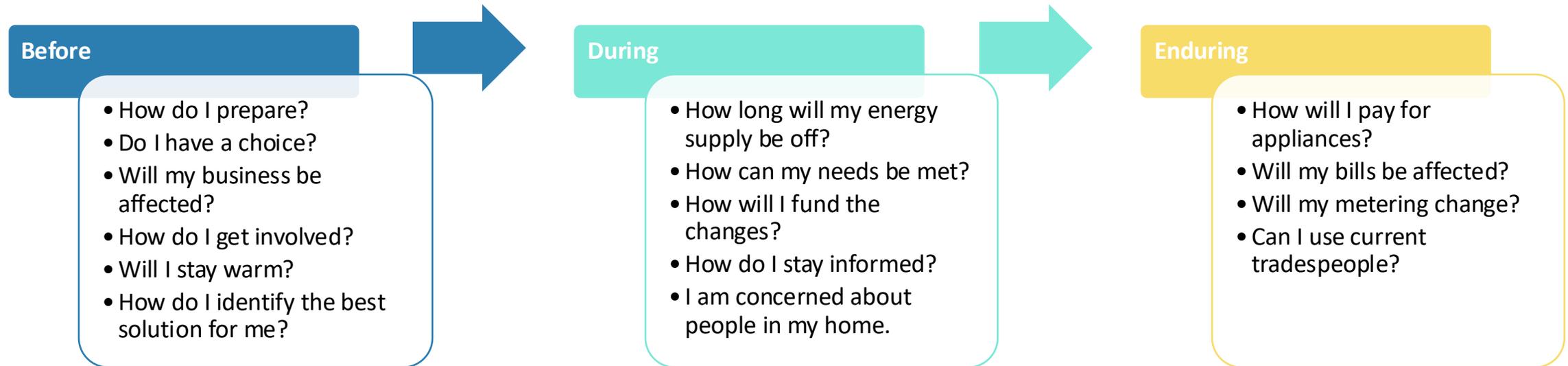
Introducing Fairer Warmth



The Challenge

The perspectives of varying demographic groups and businesses differs, and people require tailored support throughout all phases of a Net Zero Transition:

1. Current consumer information can be **difficult to access and complicated**
2. Current 'top down' projects can risk investments through **planning and engagement difficulties** and objections
3. These issues **compound together**, making the energy transition **less accessible** for those **most in need** of support.

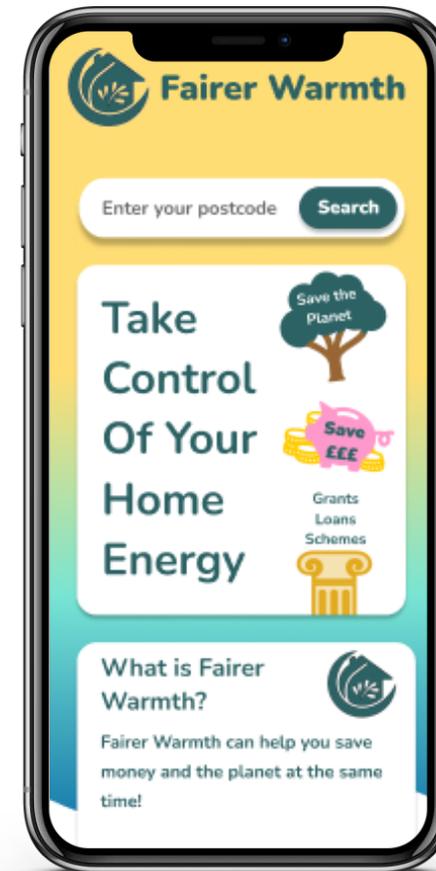


Introducing Fairer Warmth



Fairer Warmth is designed to engage people and communities about reducing their home energy consumption and costs, helping:

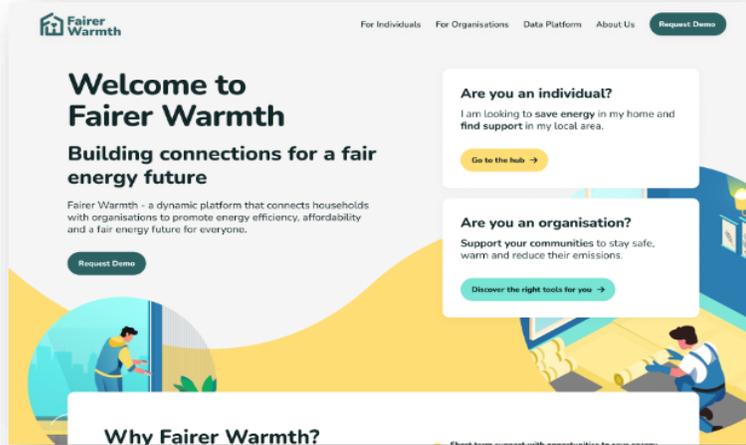
- **Home Occupiers:** Receive the advice and support they need to save energy, money and reduce CO2.
- **Champions:** Provide anyone with a desire to support their neighbors and communities with the tools and training to do so.
- **Communities:** Initiate, grow, monitor and analyse effective community engagement and support programs.



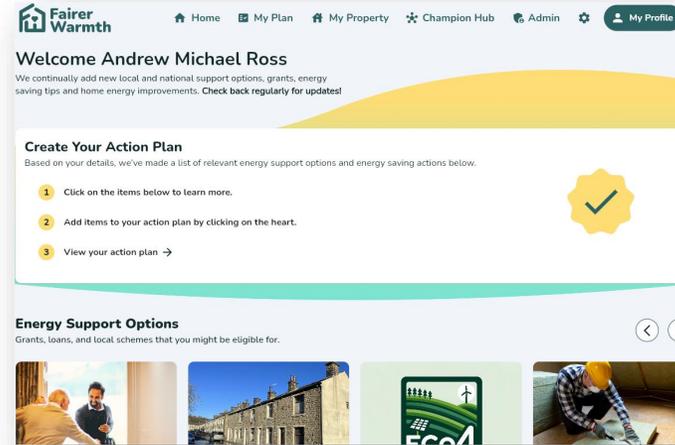
The Fairer Warmth Toolkit



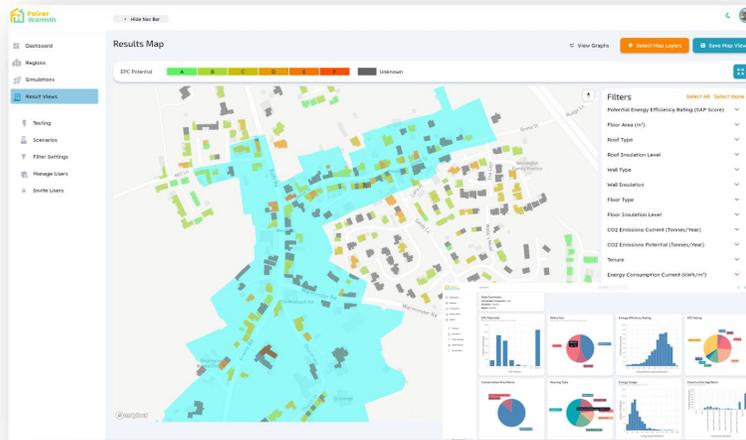
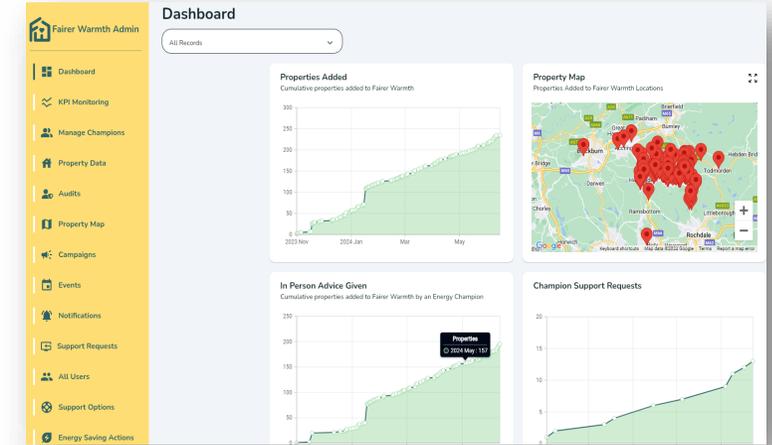
Fairer Warmth Hub Website



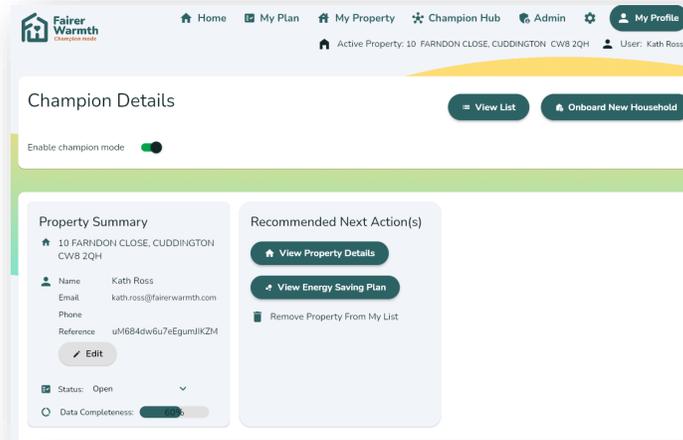
Fairer Warmth App



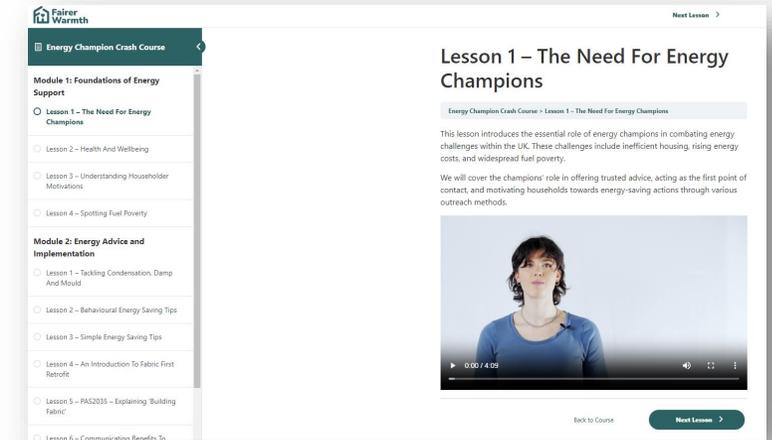
Admin System



Data Platform



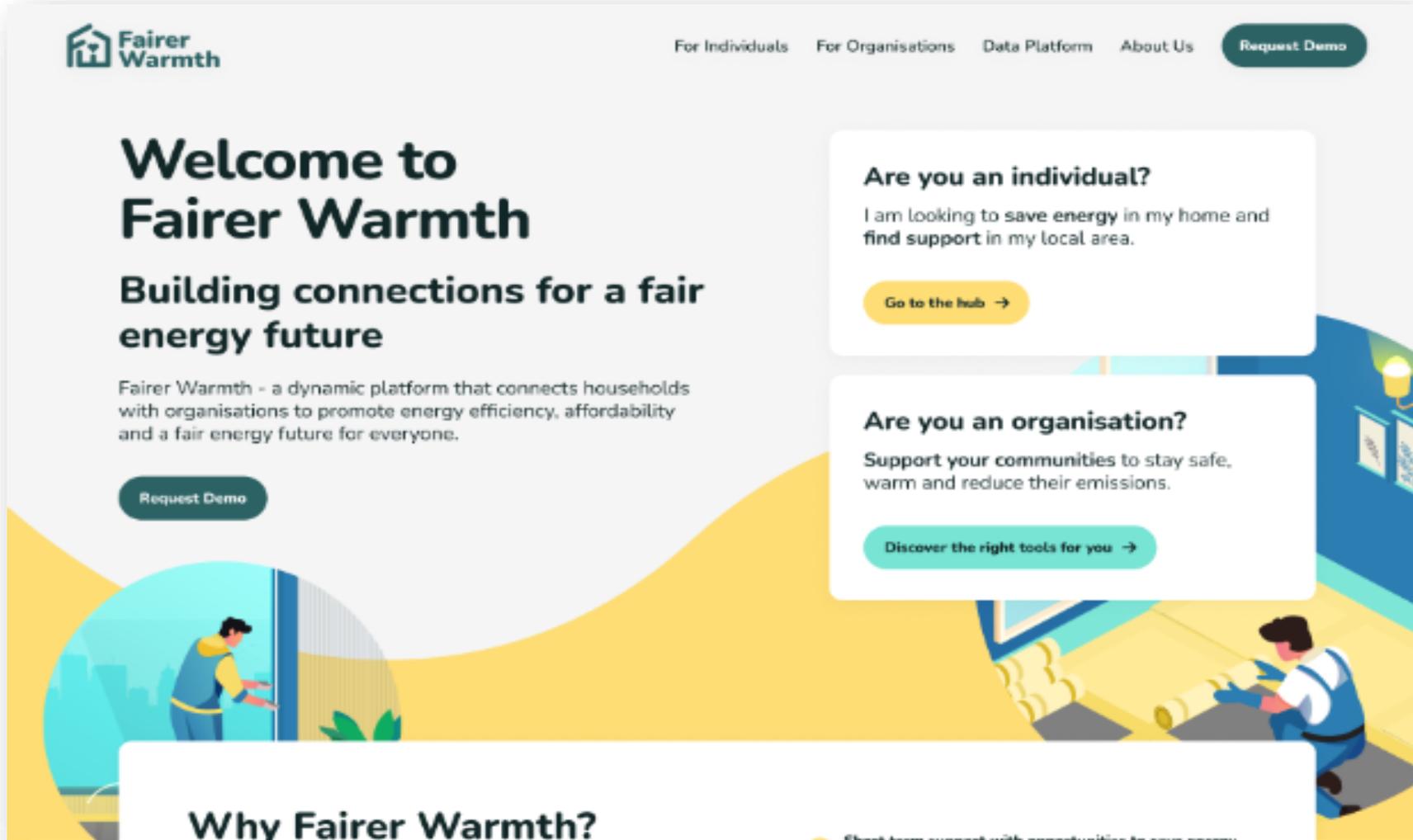
Champions' System



E-Learning Platform

The Fairer Warmth Toolkit

Fairer Warmth Hub Website



The screenshot shows the homepage of the Fairer Warmth Hub website. At the top left is the Fairer Warmth logo. The navigation menu includes 'For Individuals', 'For Organisations', 'Data Platform', and 'About Us', with a 'Request Demo' button on the right. The main heading reads 'Welcome to Fairer Warmth' followed by the tagline 'Building connections for a fair energy future'. A descriptive paragraph states: 'Fairer Warmth - a dynamic platform that connects households with organisations to promote energy efficiency, affordability and a fair energy future for everyone.' Below this is another 'Request Demo' button. Two call-to-action boxes are present: one for individuals ('Are you an individual?') with a 'Go to the hub' button, and one for organisations ('Are you an organisation?') with a 'Discover the right tools for you' button. The background features illustrations of a person inspecting a window and another person working on a roof. A 'Why Fairer Warmth?' section is partially visible at the bottom.

Welcome to Fairer Warmth
Building connections for a fair energy future

Fairer Warmth - a dynamic platform that connects households with organisations to promote energy efficiency, affordability and a fair energy future for everyone.

Request Demo

Are you an individual?
I am looking to save energy in my home and find support in my local area.
Go to the hub →

Are you an organisation?
Support your communities to stay safe, warm and reduce their emissions.
Discover the right tools for you →

Why Fairer Warmth?

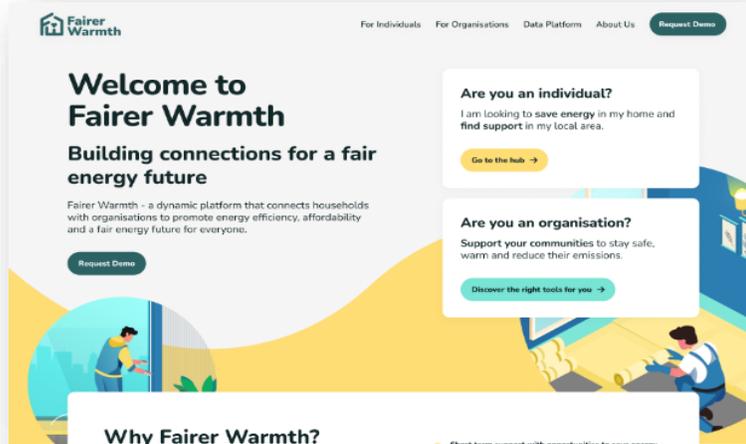


<https://www.fairerwarmth.com/>

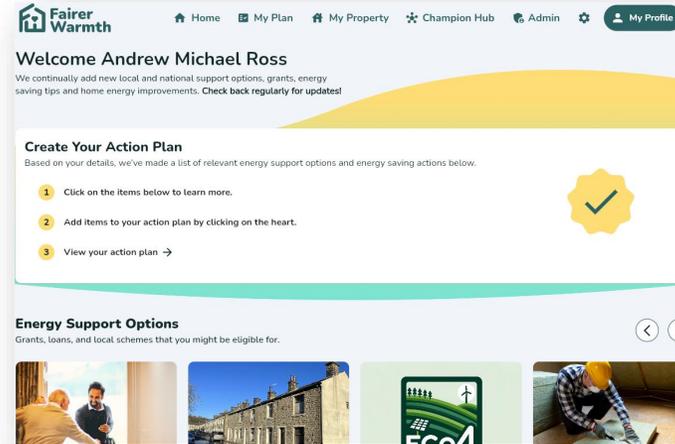
The Fairer Warmth Toolkit



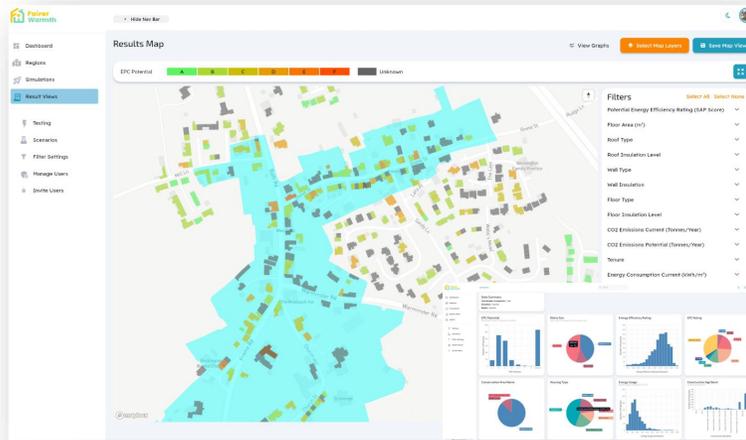
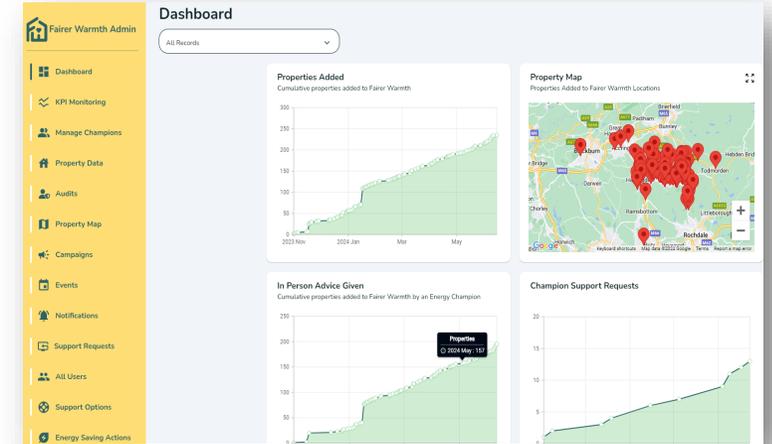
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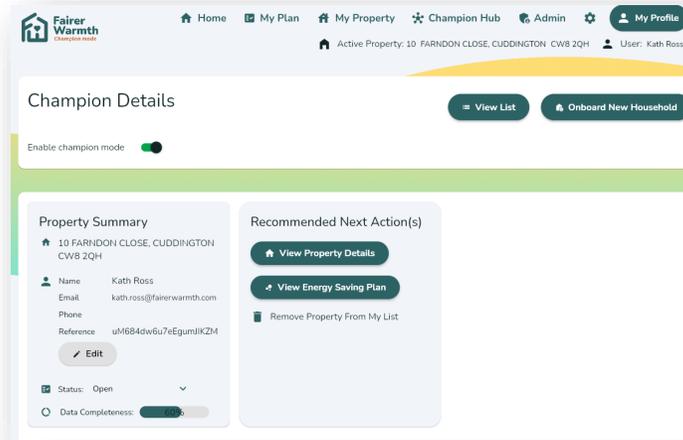
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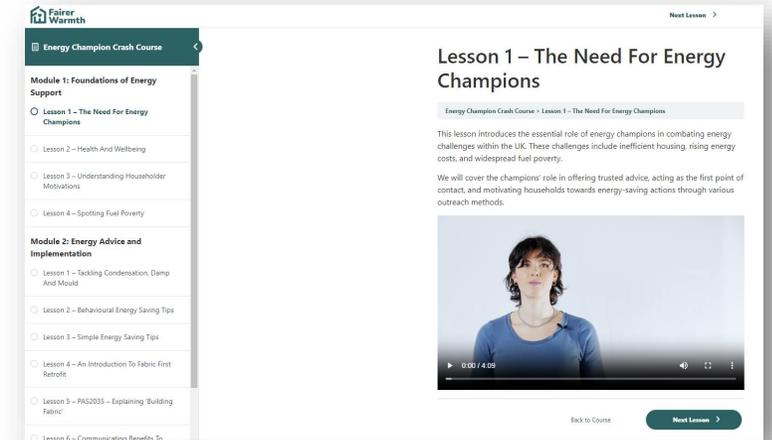
Admin System



Data Platform



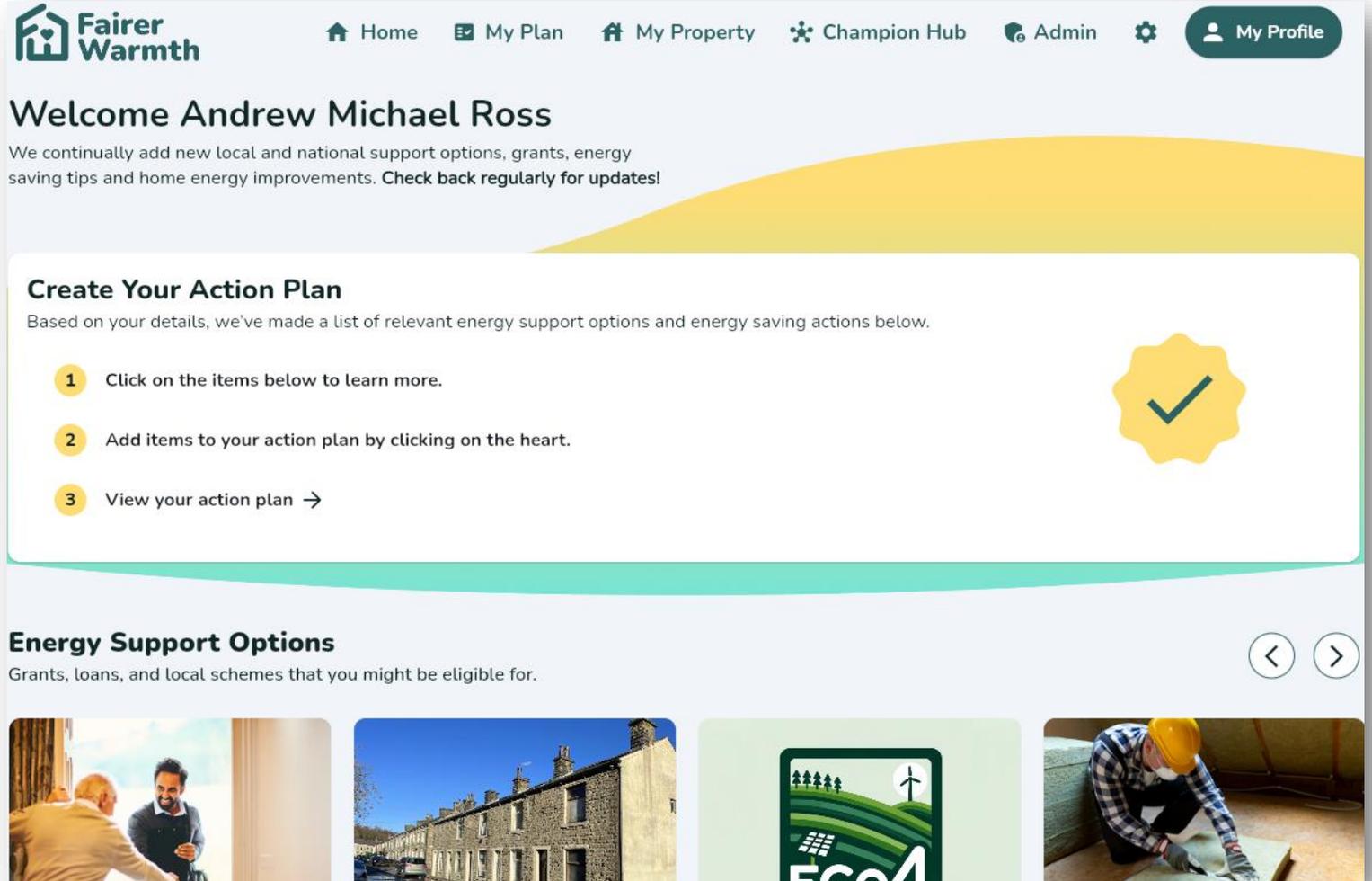
Champions' System



E-Learning Platform

The Fairer Warmth Toolkit

Fairer Warmth App



The screenshot shows the Fairer Warmth App interface. At the top, there is a navigation bar with the Fairer Warmth logo and several menu items: Home, My Plan, My Property, Champion Hub, Admin, and My Profile. Below the navigation bar, a welcome message reads "Welcome Andrew Michael Ross" followed by a note about updates. The main content area features a "Create Your Action Plan" section with a list of three steps and a yellow checkmark icon. Below this is an "Energy Support Options" section with a carousel of images showing people, buildings, and energy-related graphics.

Fairer Warmth Home My Plan My Property Champion Hub Admin My Profile

Welcome Andrew Michael Ross

We continually add new local and national support options, grants, energy saving tips and home energy improvements. **Check back regularly for updates!**

Create Your Action Plan

Based on your details, we've made a list of relevant energy support options and energy saving actions below.

- 1 Click on the items below to learn more.
- 2 Add items to your action plan by clicking on the heart.
- 3 View your action plan →

Energy Support Options

Grants, loans, and local schemes that you might be eligible for.

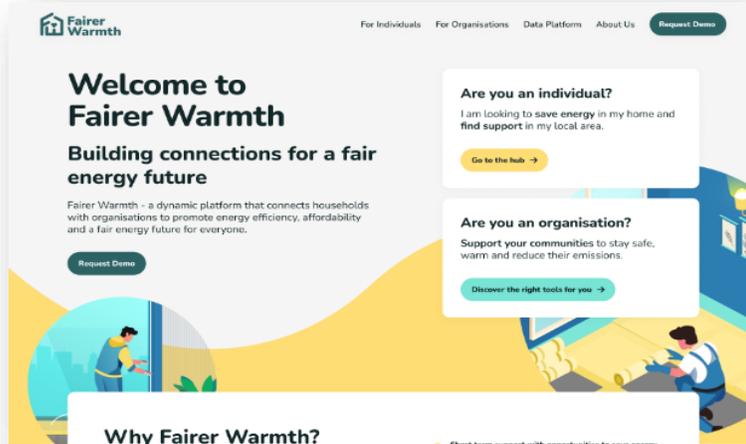


<https://app.fairerwarmth.com>

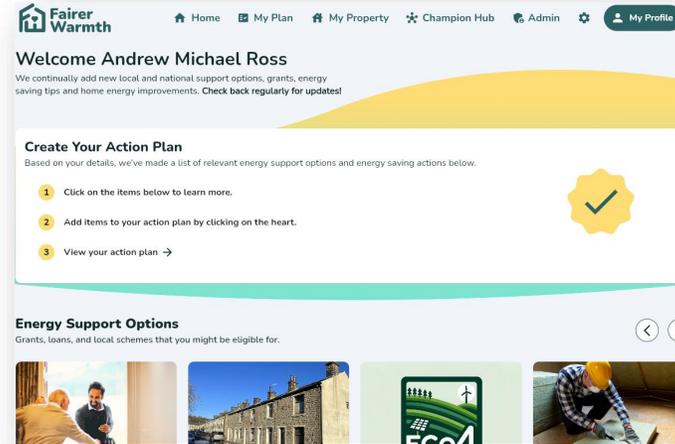
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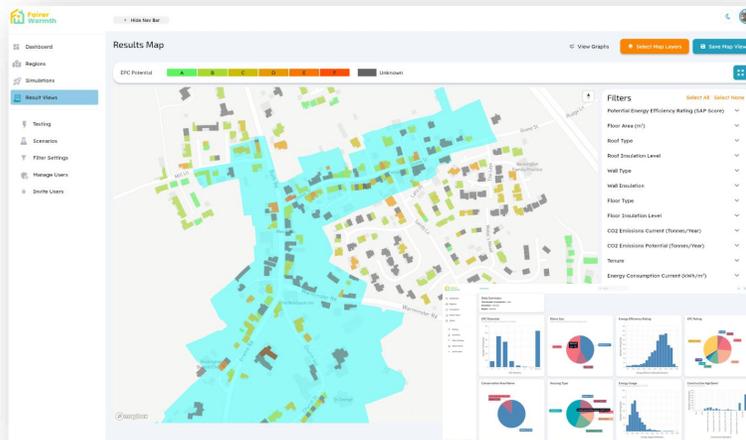
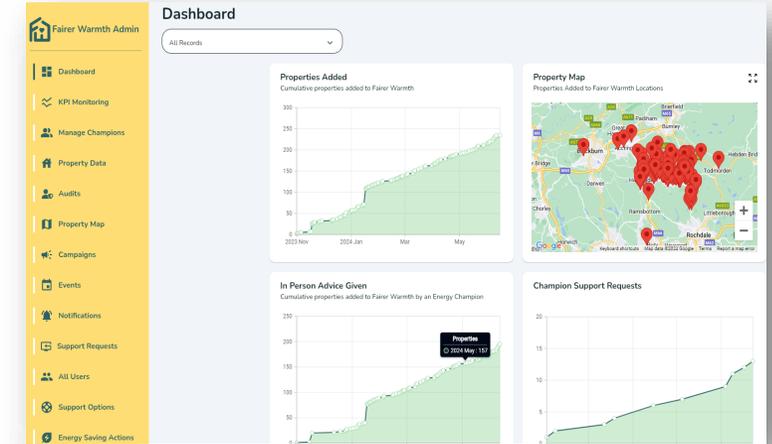
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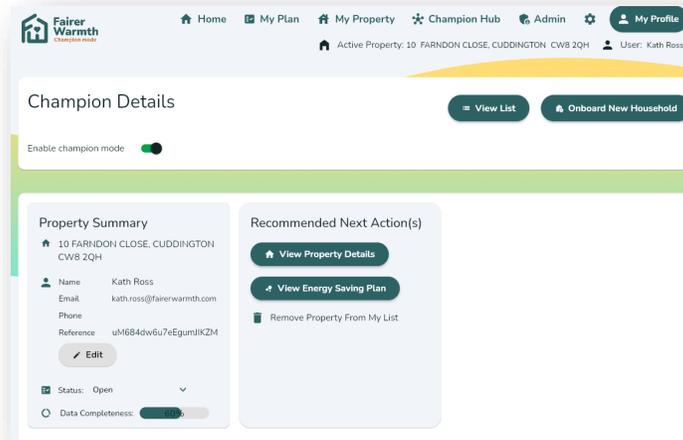
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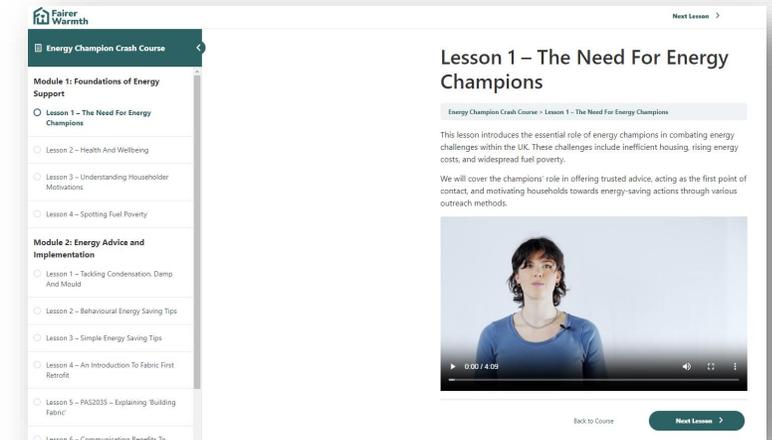
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Data Platform

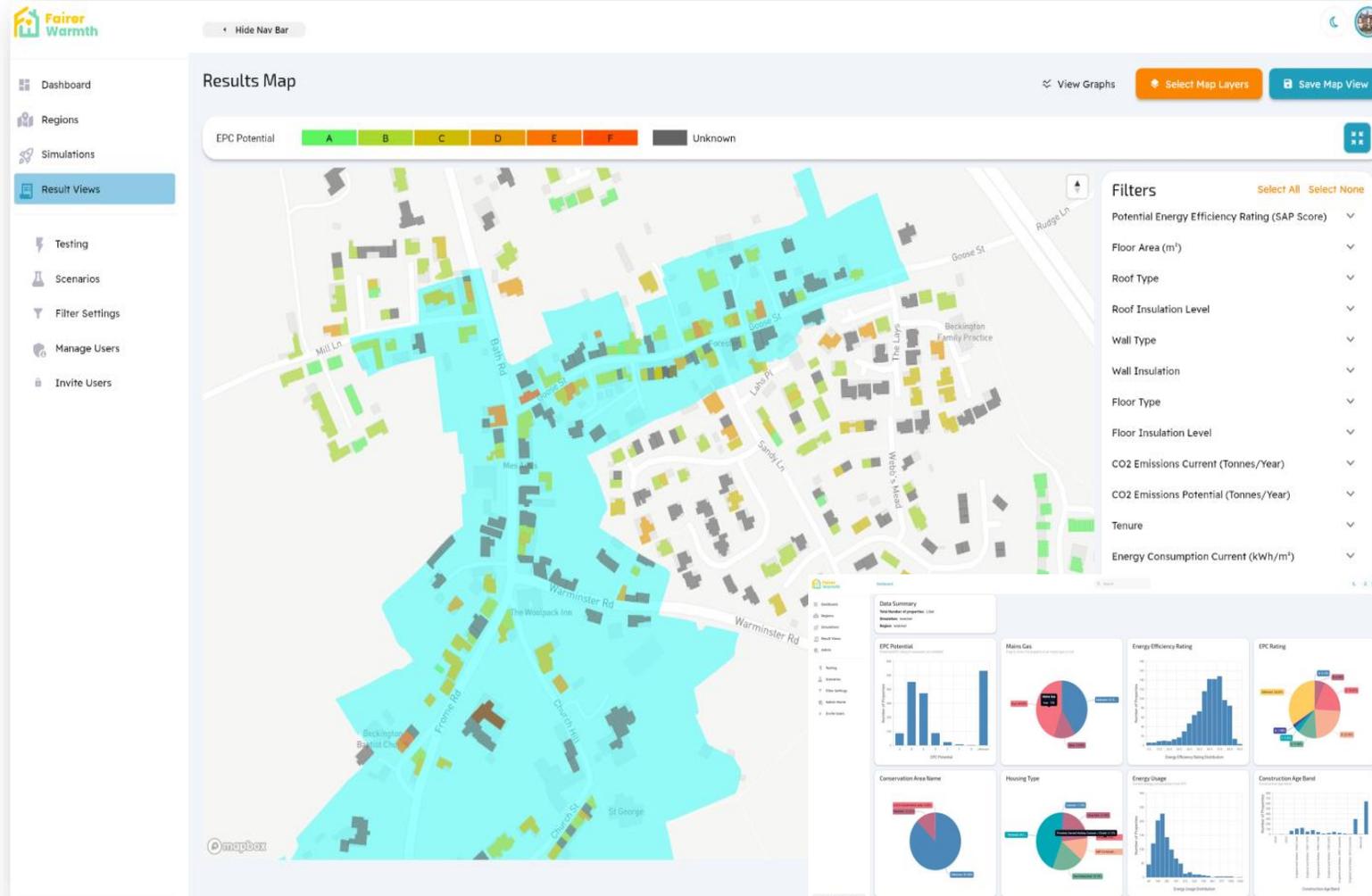


Champions' System



E-Learning Platform

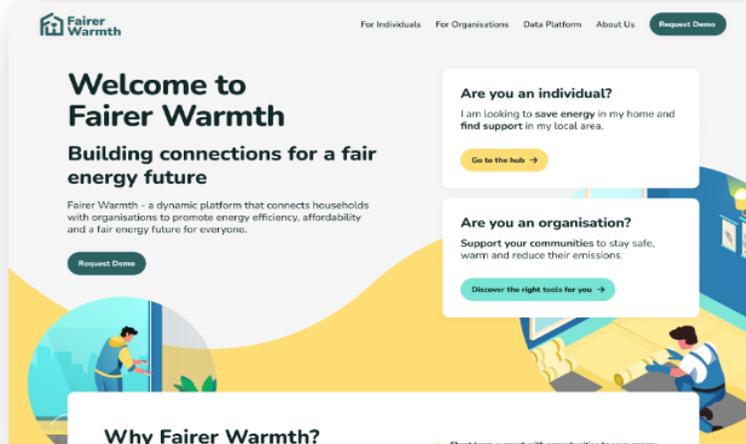
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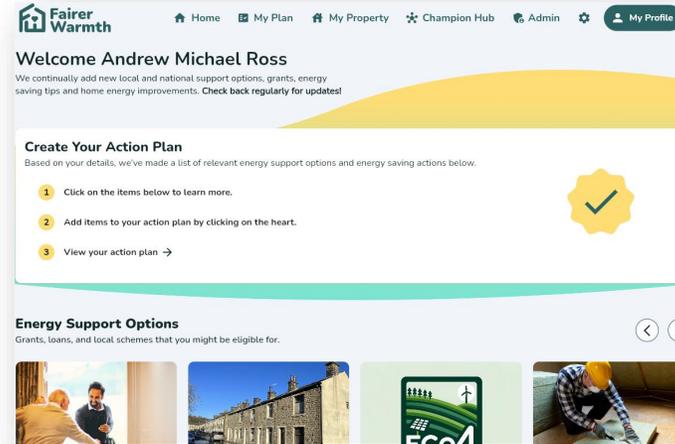
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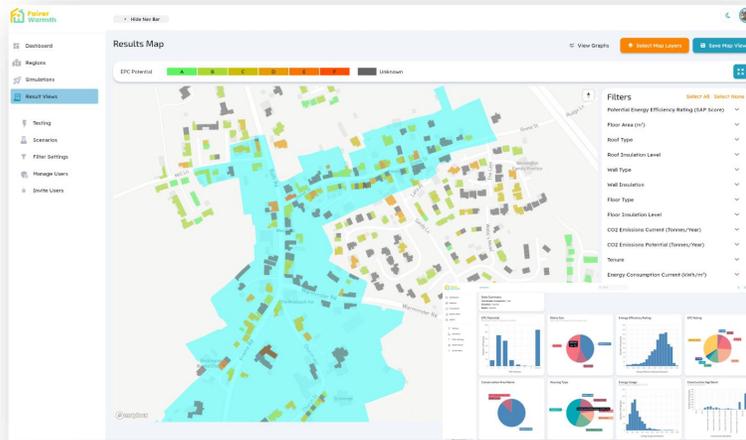
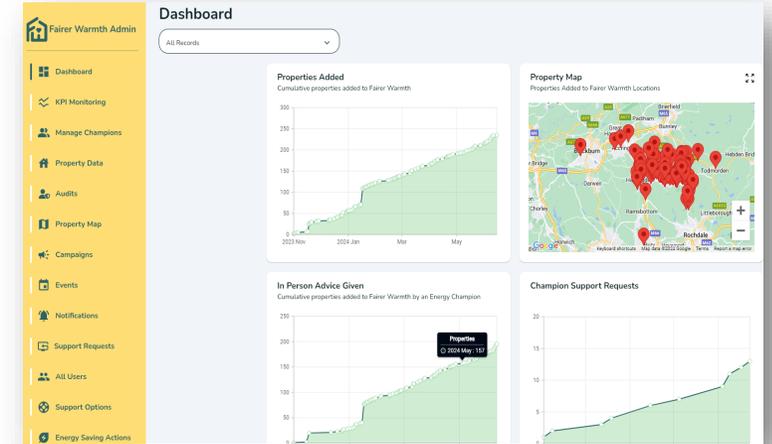
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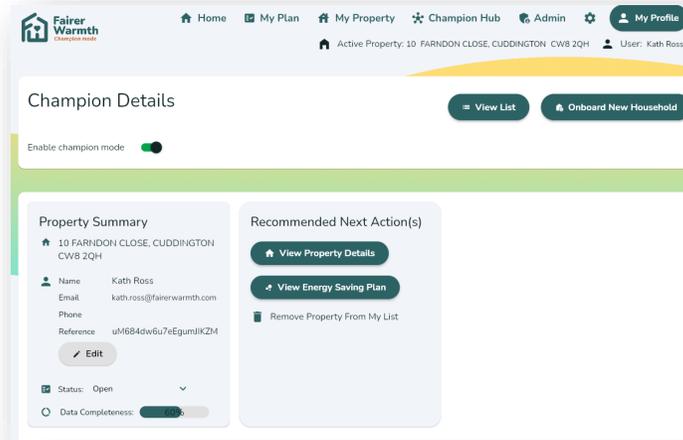
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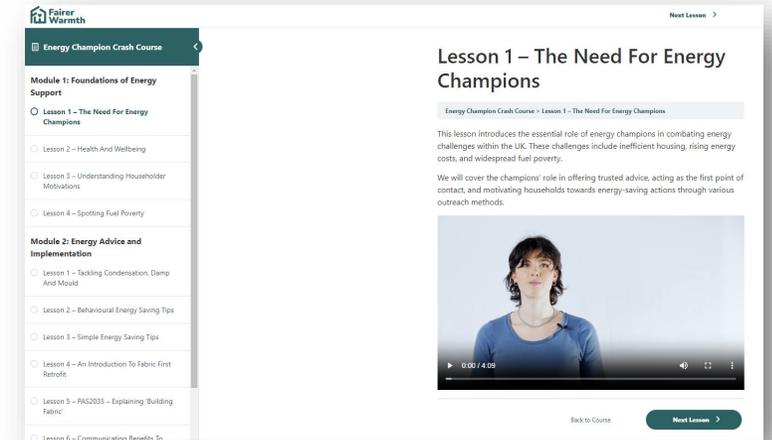
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E-Learning Platform

The Fairer Warmth Toolkit



The screenshot shows the user interface for the Fairer Warmth Champion mode. At the top, there is a navigation bar with the Fairer Warmth logo, a "Champion mode" indicator, and navigation links for Home, My Plan, My Property, Champion Hub, Admin, and My Profile. Below the navigation bar, the user's active property is listed as "10 FARNDON CLOSE, CUDDINGTON CW8 2QH" and the user is identified as "Kath Ross".

The main content area is titled "Champion Details" and includes a toggle switch for "Enable champion mode" which is currently turned on. There are two buttons: "View List" and "Onboard New Household".

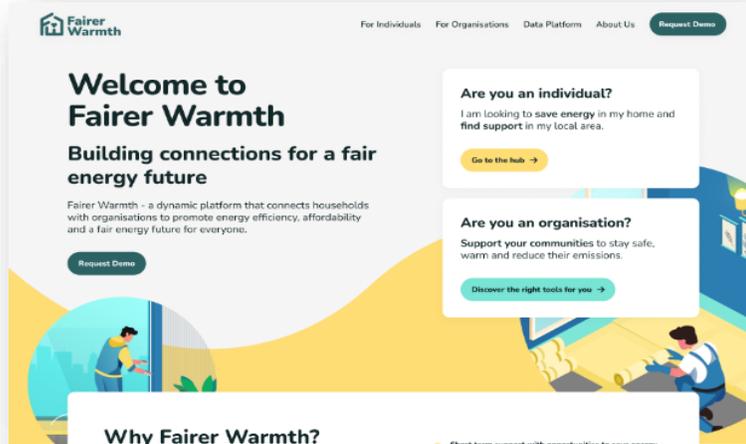
Below this, there are two columns of information:

- Property Summary:** Displays the address "10 FARNDON CLOSE, CUDDINGTON CW8 2QH", the user's name "Kath Ross", email "kath.ross@fairerwarmth.com", and a reference ID "uM684dw6u7eEgumJIKZM". There is an "Edit" button and a status dropdown menu currently set to "Open". A "Data Completeness" progress bar is shown at 60%.
- Recommended Next Action(s):** Lists three actions: "View Property Details", "View Energy Saving Plan", and "Remove Property From My List".

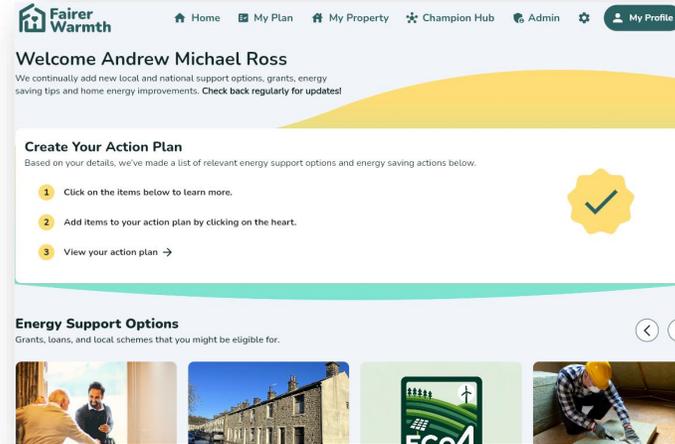
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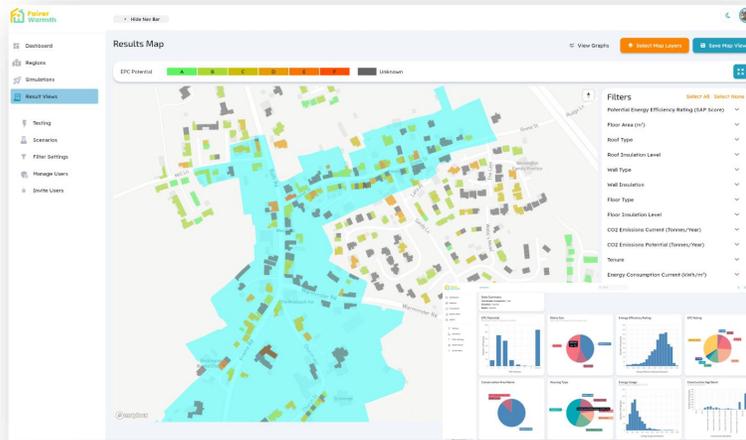
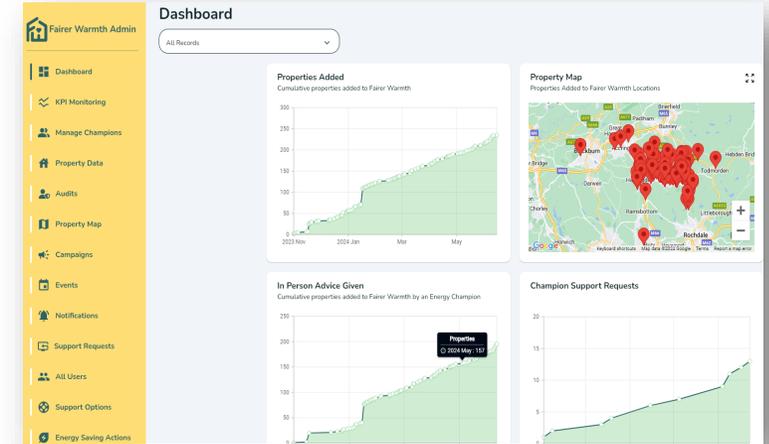
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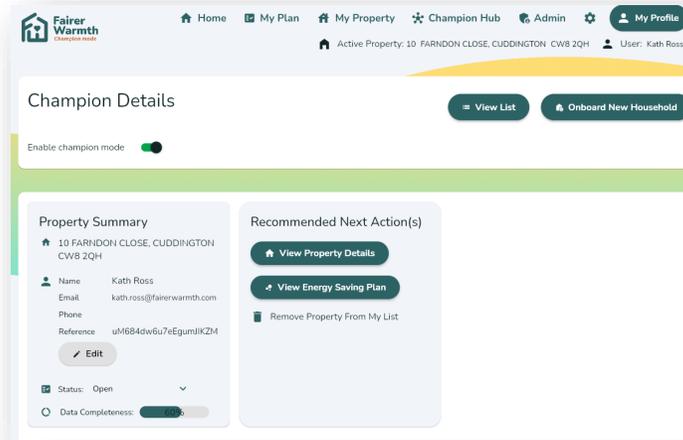
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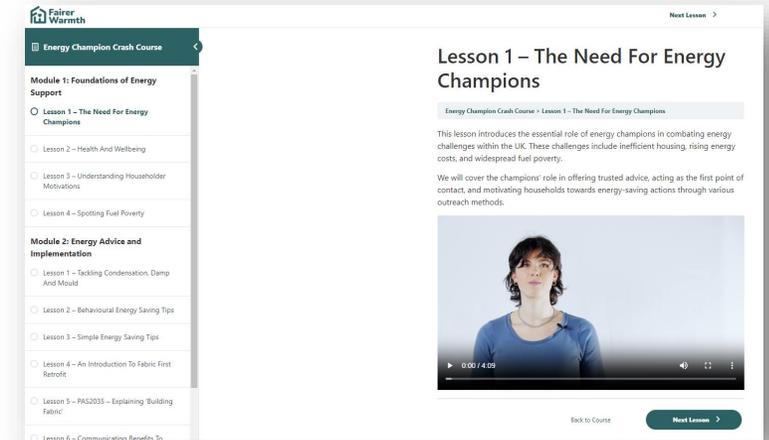
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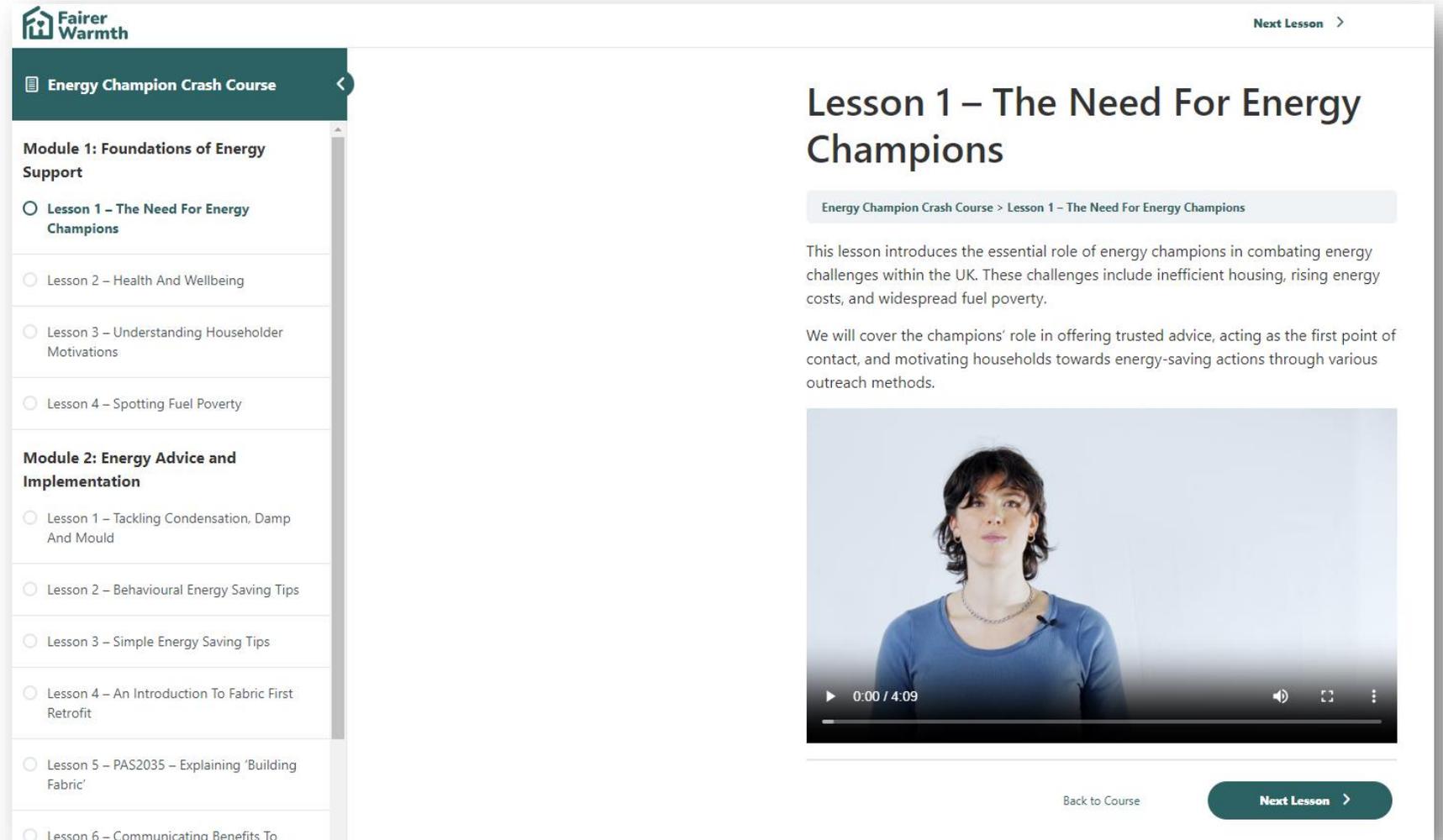


Champions' System



E-Learning Platform

The Fairer Warmth Toolkit



The screenshot displays the 'Energy Champion Crash Course' interface. On the left is a navigation sidebar with the following structure:

- Energy Champion Crash Course** (selected)
- Module 1: Foundations of Energy Support**
 - Lesson 1 – The Need For Energy Champions
 - Lesson 2 – Health And Wellbeing
 - Lesson 3 – Understanding Householder Motivations
 - Lesson 4 – Spotting Fuel Poverty
- Module 2: Energy Advice and Implementation**
 - Lesson 1 – Tackling Condensation, Damp And Mould
 - Lesson 2 – Behavioural Energy Saving Tips
 - Lesson 3 – Simple Energy Saving Tips
 - Lesson 4 – An Introduction To Fabric First Retrofit
 - Lesson 5 – PAS2035 – Explaining 'Building Fabric'
 - Lesson 6 – Communicating Benefits To

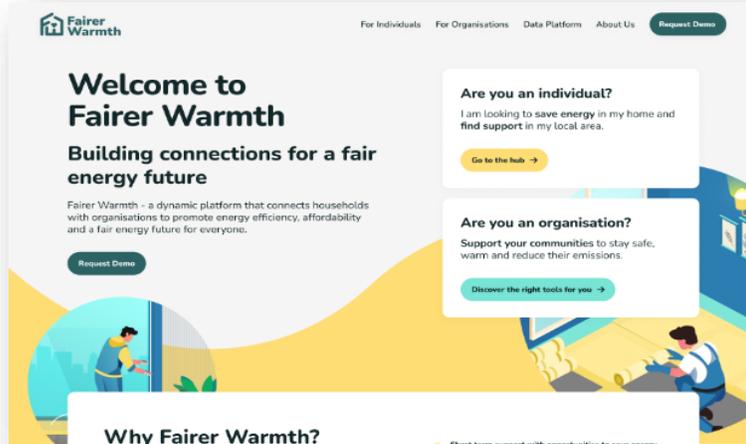
The main content area on the right is titled 'Lesson 1 – The Need For Energy Champions'. It includes a breadcrumb trail: 'Energy Champion Crash Course > Lesson 1 – The Need For Energy Champions'. The introductory text states: 'This lesson introduces the essential role of energy champions in combating energy challenges within the UK. These challenges include inefficient housing, rising energy costs, and widespread fuel poverty. We will cover the champions' role in offering trusted advice, acting as the first point of contact, and motivating households towards energy-saving actions through various outreach methods.' Below the text is a video player showing a woman speaking, with a progress bar at 0:00 / 4:09. Navigation buttons for 'Next Lesson' and 'Back to Course' are visible at the bottom of the content area.

E-Learning Platform

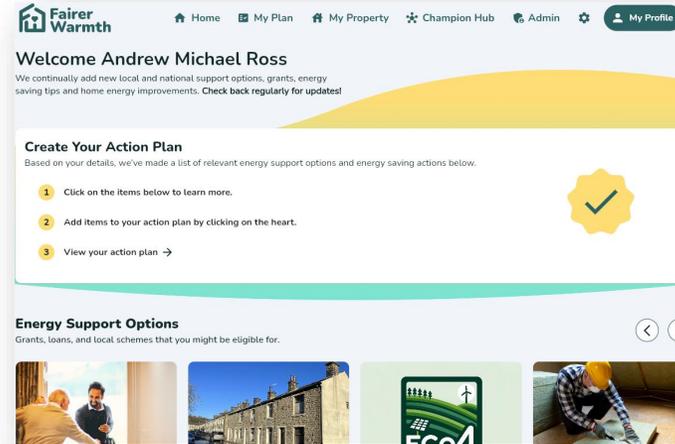
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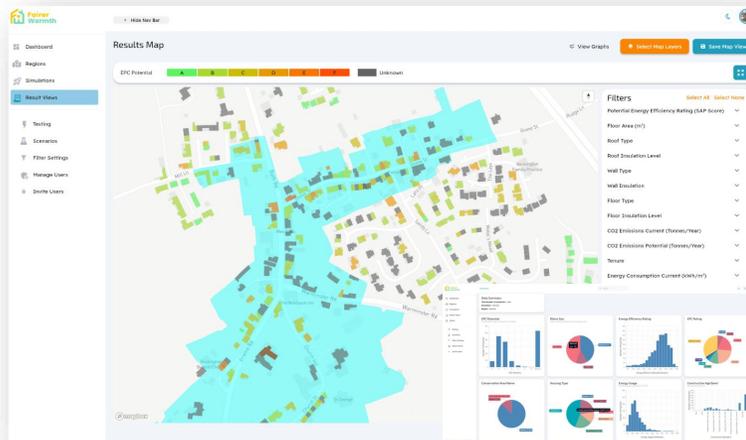
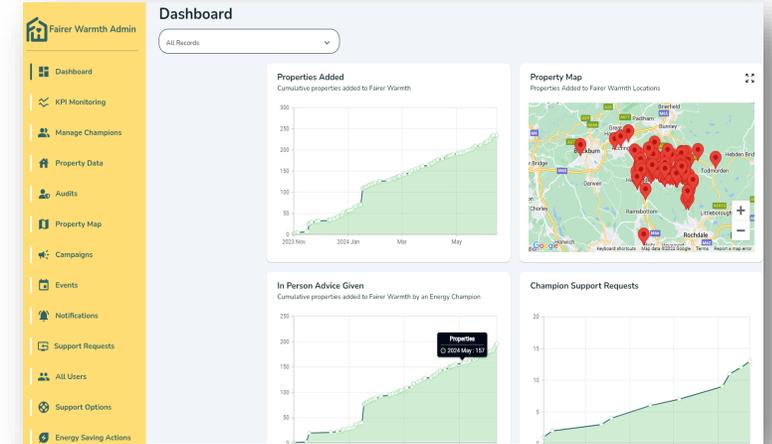
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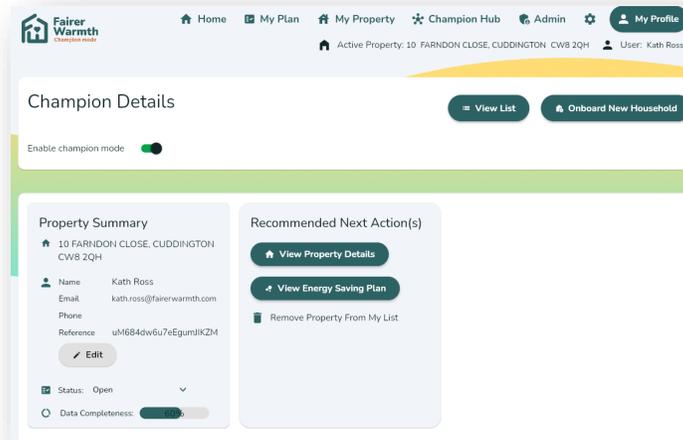
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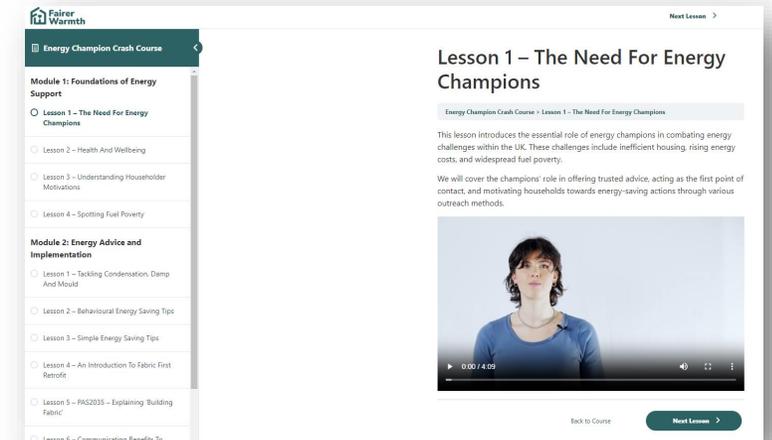
Admin System



Data Platform



Champions' System

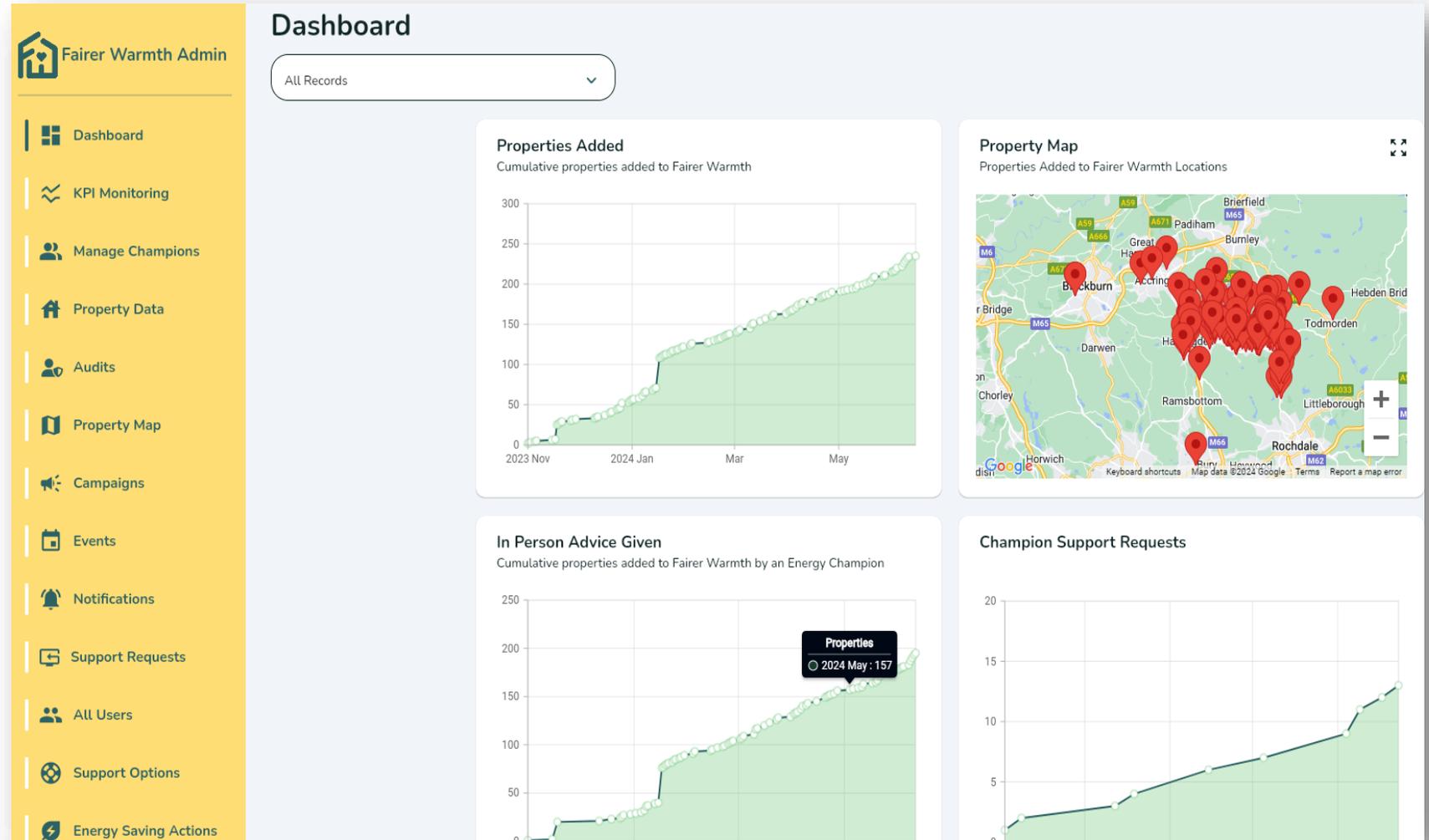


E-Learning Platform

The Fairer Warmth Toolkit



Admin System

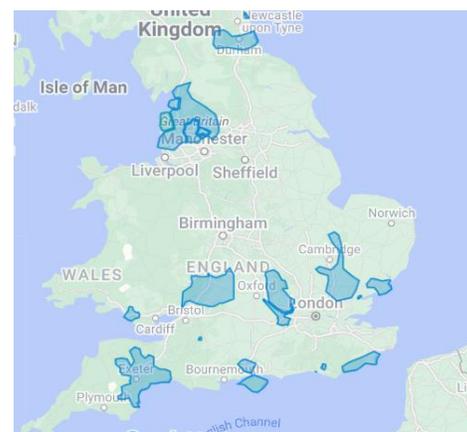


Our Impact so far

FWH has already gained significant momentum to date

Established 20+ Fairer Warmth Communities nationwide

- ~2500+ individual users
- 100 Energy Champions across multiple communities
- Collaborating with Regional Hubs through Local Energy Advice Demonstrators
- Utilised for DESNZ Pathfinder Projects and network projects including Net Zero Terrace Streets
- MCS Charitable Trust Funded project in Somerset



Driving Energy Efficiency Across Lancashire

Challenge:

Vulnerable residents- poor engagement in energy efficiency measures.
Needed **detailed reports** of effectiveness of energy advice and grant uptake.

Solution:

Fairer Warmth- data driven identification of areas most in need of support and **eligible for grant funding**.
Targeted campaigns to **reach vulnerable communities**.
Established network of **Energy Champions** to reach digitally excluded- personalised, in person support.

Outcomes:

10+ Energy Champions trained and providing community-based support

Clear signposting to retrofit and energy efficiency schemes, in a **single-trusted resource**.

500+ residents have received detailed, tailored energy advice.

Over **700 active users** engaging with Fairer Warmth app.

Increased uptake of **HUG** funding

Growing interest of **low-carbon technology and heating solutions**.

Benefits of Fairer Warmth

Aggregate supply chains
and create one-stop-
shops

Generate leads for
grants

Improve quality of life
by promoting
healthier living

Support the local
economy and green
jobs and businesses

Foster community
engagement on
sustainability
initiatives

Improve the overall
energy efficiency of
homes and businesses
in the region

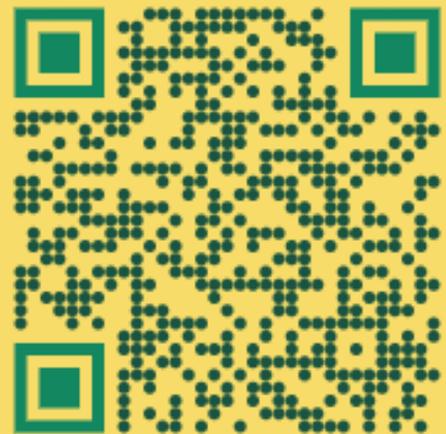
Join Us!



k.runnalls@cee-uk.com

www.fairerwarmth.com

Fairer Warmth App



2025

Dark Matter Labs

Demonstrating tomorrow's civic infrastructures



Dark Matter Labs

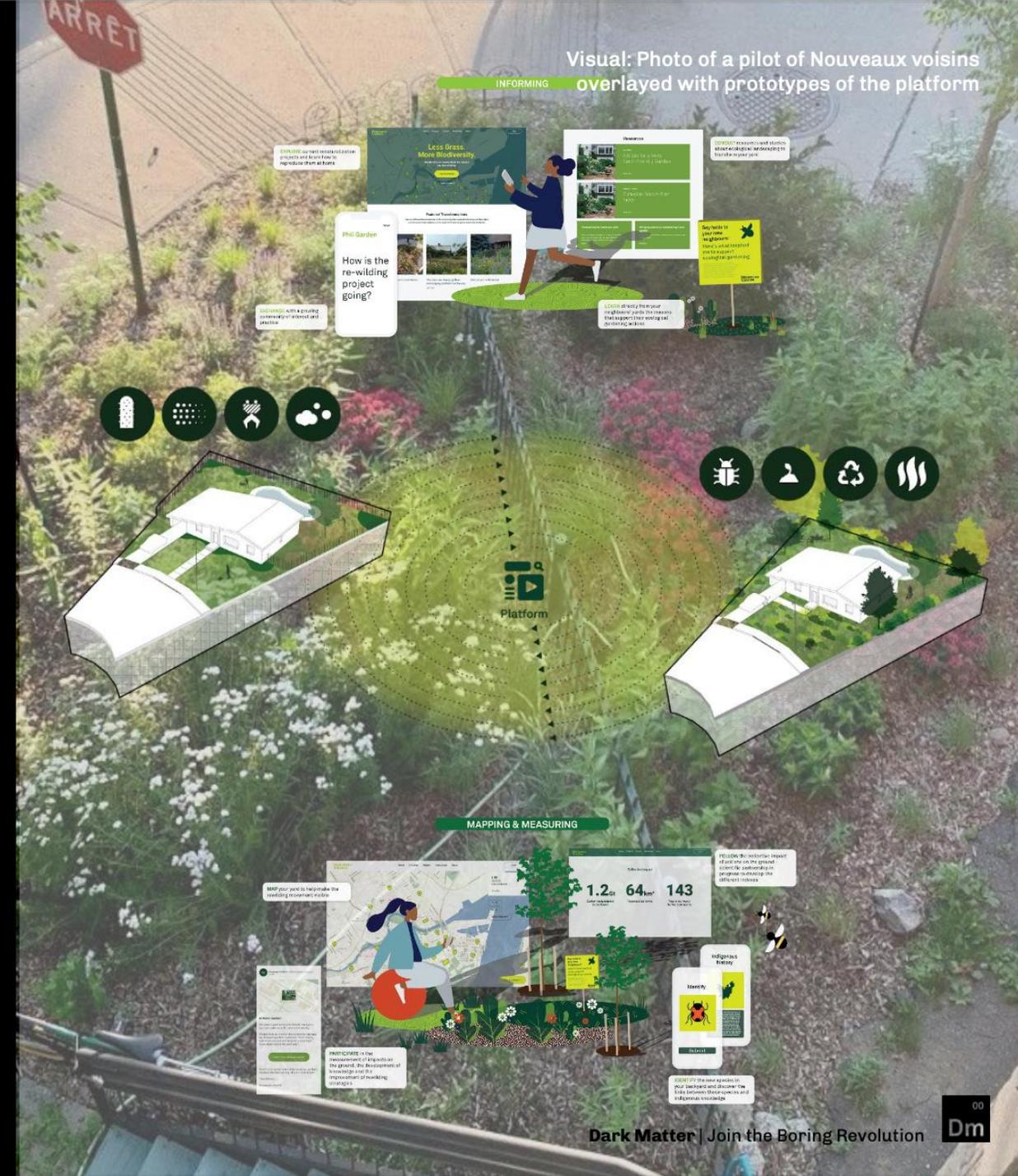
We live in an age of
profound dissonance
marked by cascading
planetary crises ...

We imagine a thriving civic future - where neighbours, commons, civic economies and plural forms of organising drive the renewal of our world around us



With local government and communities, we are co-building a new class of civic infrastructures:

- Whole neighbourhood public/commons retrofits and energy systems
- Civically-maintained nature
- New models of housing
- Material registries and data platforms



Dark Matter Labs is a not for profit agency.

All our work is open source.

We have built a team capable of making 21st century institutions and infrastructures, with expertise in:

Decarbonisation of the built environment

Financial Structuring

Governance Innovation

Systems Mapping & Design

Philanthropy Strategy

Policy, Legal and Regulatory Design

Strategic Design & Architecture

Urban & Regional Planning & Transformation

Local climate action planning

Data Visualization

Organizational Development

Civic Technologies & Innovation

Bioregional Transitions & Financing

Participatory Futuring & Engagement



Adam Purvis ^{UK} London Alberto Hernández Morales ^{ES} Copenhagen Aleksander Nowak ^{PL} Copenhagen Alex Anghel ^{IT} Treviso Annette Dharmi ^{GB} Cornwall Annie Gallon ^{GB} Manchester Arianna Smaron ^{CH} Basel ^{PL} Pzestow Calvin Po ^{GB} London Emma Pfeiffer ^{GB} London Eugénie Cartron ^{FR} Montpellier Eunji Kang ^{KR} Seoul Eunsoo Lee ^{KR} Seoul Thomas Theodore ^{GB} London



Carvajal Rowan ^{GB} London Alizé De Buck ^{FR} Rye Carolina Ribeiro ^{PT} Lisboa ^{DE} Berlin Charlie Fisher ^{DE} Berlin Chloe Treger ^{GB} London Dan Hill ^{GB} London Fang-Jui Chang ^{GB} London ^{TW} Chiayi Georgia Cameron ^{GB} London Gurden Batra ^{IN} Berlin Györgyi Gálik ^{HU} Copenhagen ^{GB} London Tom Beresford ^{GB} London



Anast Kour ^{GB} London Andre Fernandes ^{PT} London Anette Olofsson ^{SE} Stockholm Anna Rosero ^{HU} Budapest David Brito ^{ES} Barcelona Doeun Kim ^{KR} Seoul Donghun Ohn ^{KR} Seoul Emily Harris ^{GB} Scotland Hannah Stewart ^{GB} Cumbria Indy Johar ^{GB} London Ivana Stancic ^{HR} Copenhagen ^{ES} Barcelona JP King ^{CA} Toronto / Tkaronto Vlad Afanasiev ^{DE} Berlin



Jack Minchella ^{GB} London Jason Brown ^{GB} London Jayne Engle ^{CA} Vancouver / Montréal ^{US} New York Joost Beunderman ^{GB} London ^{NL} Amsterdam Meggan Collins ^{SE} Malmö Melissa Watkins ^{DE} Berlin Metadel Mengestu ^{GB} London Michelle Zucker ^{DE} Berlin Raj Kalia ^{GB} London Rob de Jong ^{NL} Venlo Romy Snijders ^{NL} Amsterdam Rose Casey ^{GB} London Zehra Zaidi ^{GB} Gloucestershire



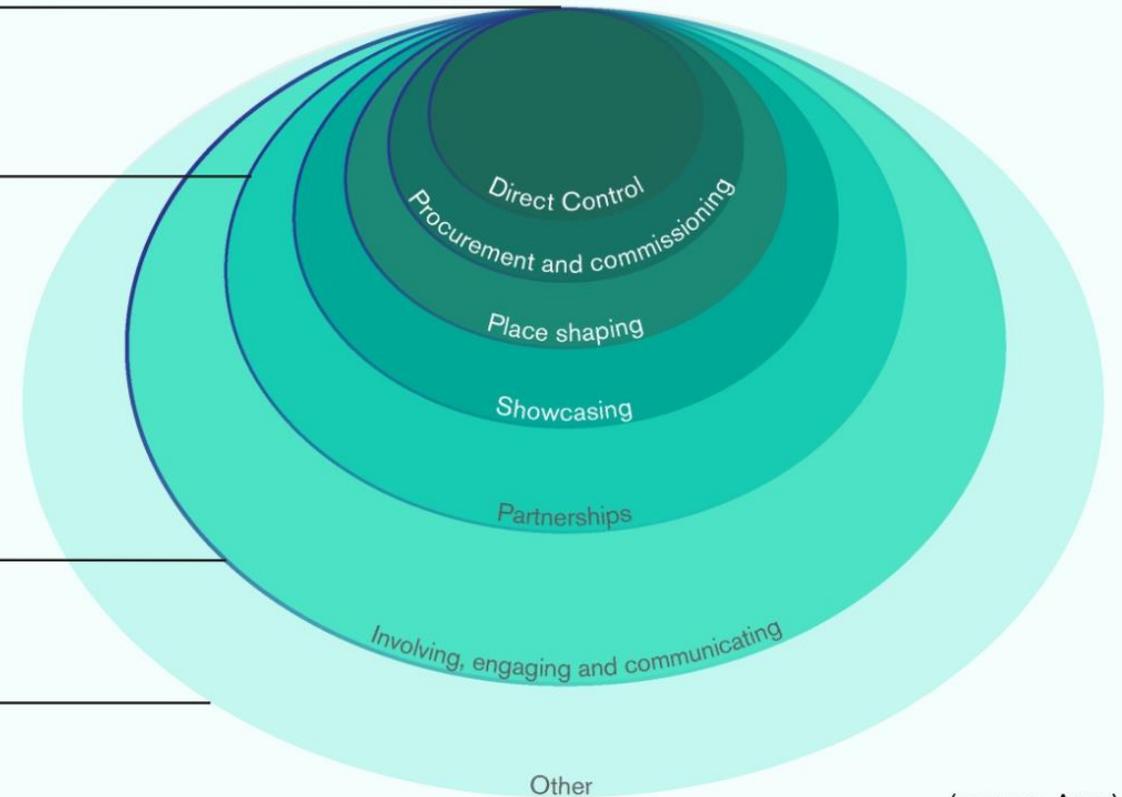
Jordan Brown ^{GB} Toronto / Montreal Joshua Stehr ^{US} Seoul Jungwon Kim ^{GB} Manchester ^{KR} Seoul Leon Seefeld ^{DE} Rostock Mike Duff ^{GB} Clonra Nadim Choucair ^{DE} Berlin Nasim Forootan ^{GB} Edinburgh Nathalia Del Moral Fleury ^{CA} Tiohtiako / Montréal Sebastian Klemm ^{DE} Stuttgart Shuyang Lin ^{GB} London Simon Höher ^{DE} Berlin Sofia Valentini ^{NL} Amsterdam ^{BR} São Paulo Jorn Verbeeck ^{BE} Antwerp



Linnéa Rönquist ^{SE} Lemo Marcial Silva ^{PT} Rotterdam Maria Kint ^{GB} Stockholm Martin Lorenz ^{DE} Hamburg ^{ES} Barcelona Nathan van Snyder ^{US} New York City Olaf Lewitz ^{DE} Berlin Oliver Burgess ^{GB} London Prateek Shankar ^{IN} Hyderabad Tanya Chung-Tiam Fook ^{CA} Tiohtiako / Montréal Ted Rau ^{US} Amherst Thao Nguyen ^{NL} Eindhoven ^{DE} Heilbronn Theo Campbell ^{FR} Paris

Local authorities must act, but also influence and convene

2-5%	Direct emissions	<ul style="list-style-type: none"> → Estate → Council operations → Council building energy → Fleet
+25%	Indirect Control over emissions	<ul style="list-style-type: none"> → Procurement (not above sectors) → Transport policy → Waste services → Economic development → Spatial and energy planning → New and existing buildings (non Council) → Land use and planning → Innovation projects on public estate → Place-based partnerships → Jobs and training
+40%	Some influence	<ul style="list-style-type: none"> → Communications and codesign → Climate Assemblies → Community-led delivery and action
+30%	Very limited / no influence	<ul style="list-style-type: none"> → Central government → Other market forces



(source: Arup)

Newham's Just Transition plan

3 Principles



Increasing equity



Reducing emissions



Future-readiness

6 Futures



Our homes, workplaces and schools are comfortable, healthy and efficient



Our energy system is resilient, equitable and not dependent on fossil fuels



We prefer to walk, cycle or use public transport and goods are safely moved without polluting our streets



We increase sharing and reduce waste building a sharing and circular economy



We eat well and sustainably



Our neighbourhoods are resilient, connected and green

5 Enablers



Growing the Council's Climate Action capacity and effectiveness



Targeting and increasing investment



Partnering with Newham's Anchor Institutions

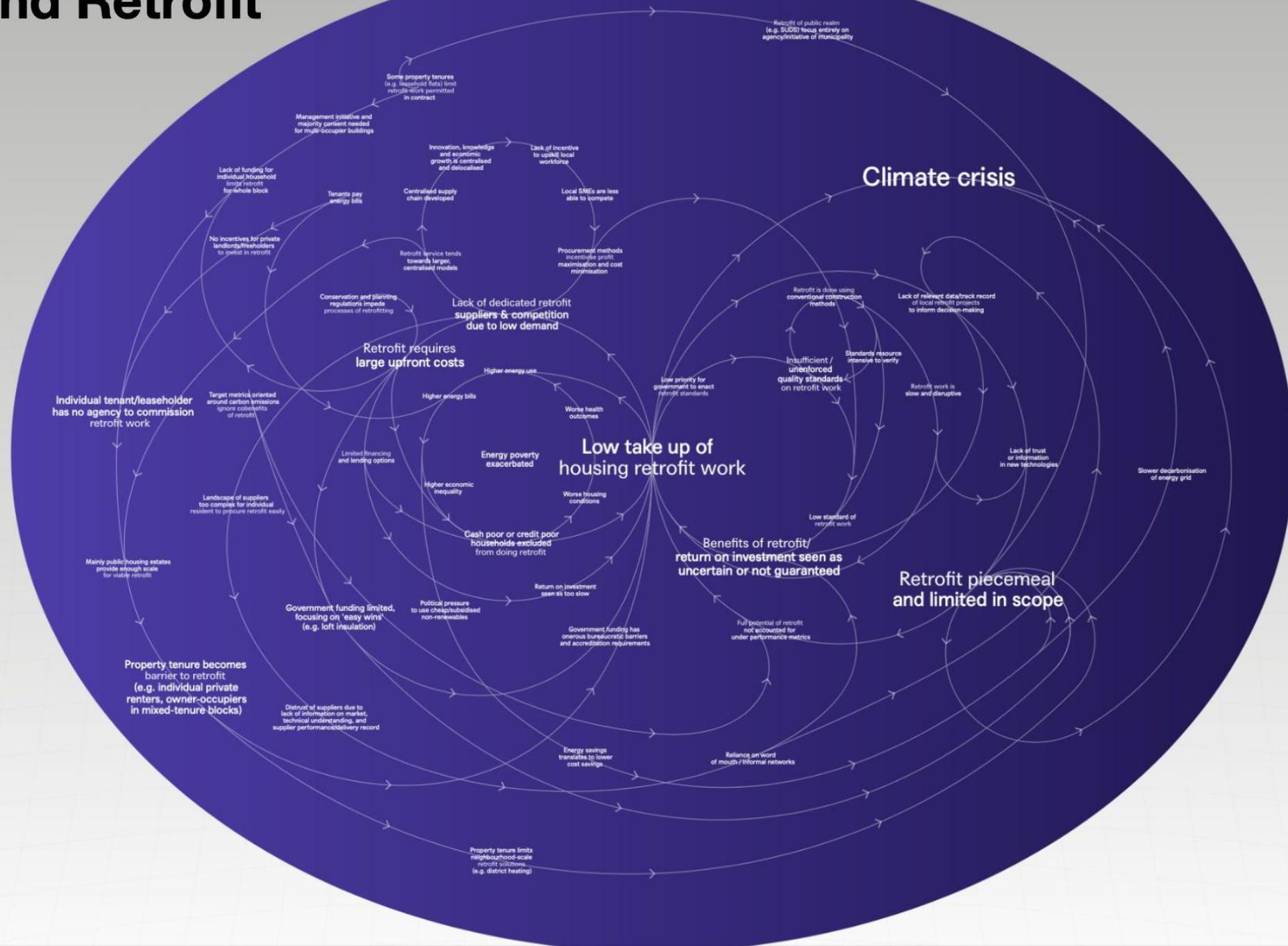


Enabling civic and place-based action

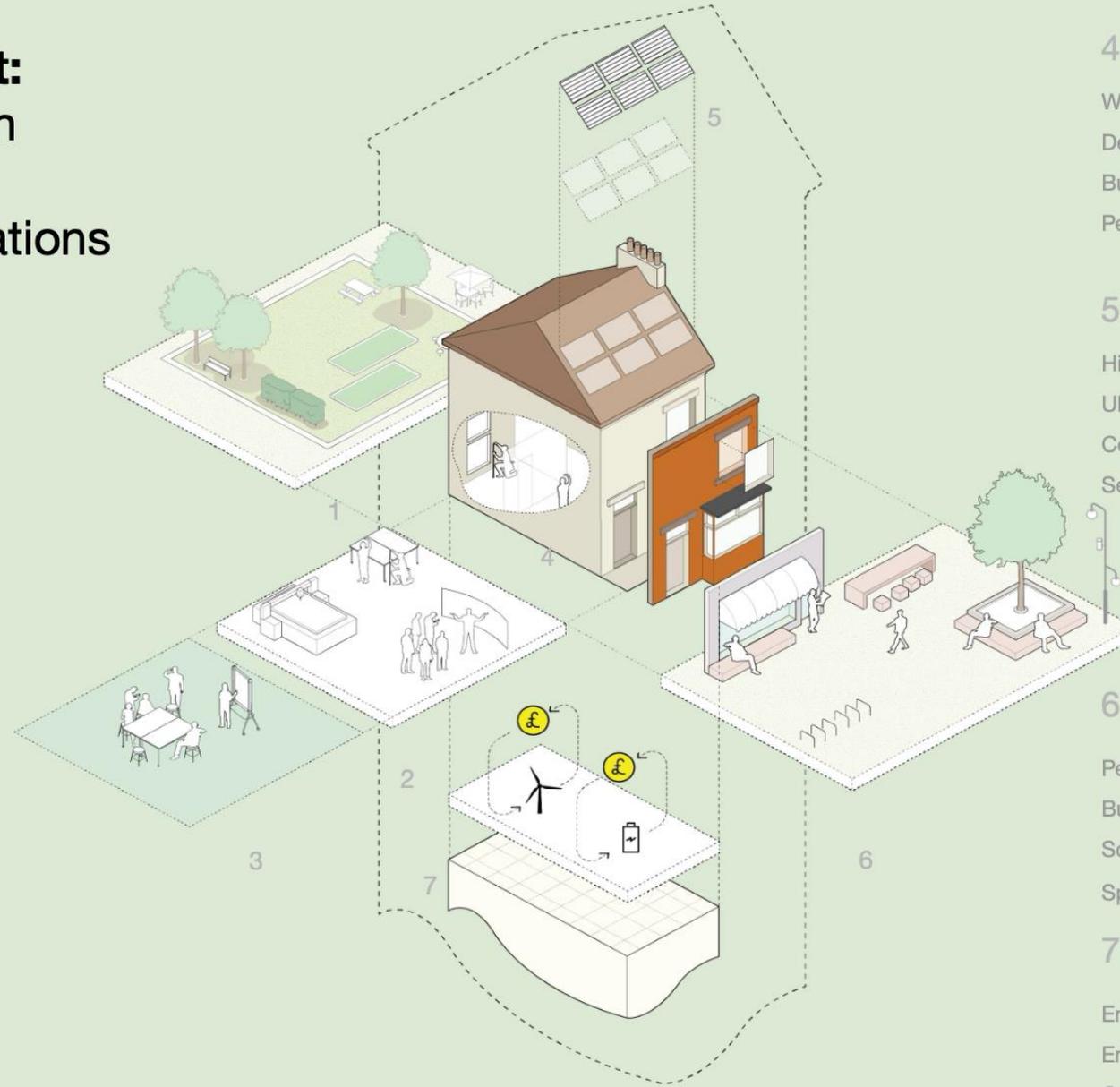


Working beyond Newham's borders

Energy and Retrofit systems



Neighbourhood Retrofit: Barnet, Newham, London Councils, Birmingham, Edinburgh, civic organisations etc.



1 Sustainable commons

Shared green space
Sustainable drainage

2 Local skills & training

Upskilling & training workshop
Build trust to reduce perception of risk/disruption
Decentralised local manufacturing

3 Resident participation

Co-design with current inhabitants
Designed for direct procurement by citizens
Adaptable throughout lifecycle

4 Whole building retrofit

Whole house renovation
Decarbonisation
Buildings passports and performance registries
Performance monitoring infrastructure

5 Local energy/services

High quality, zero carbon housing as standard
Ultra low energy
Community generated energy
Services packages

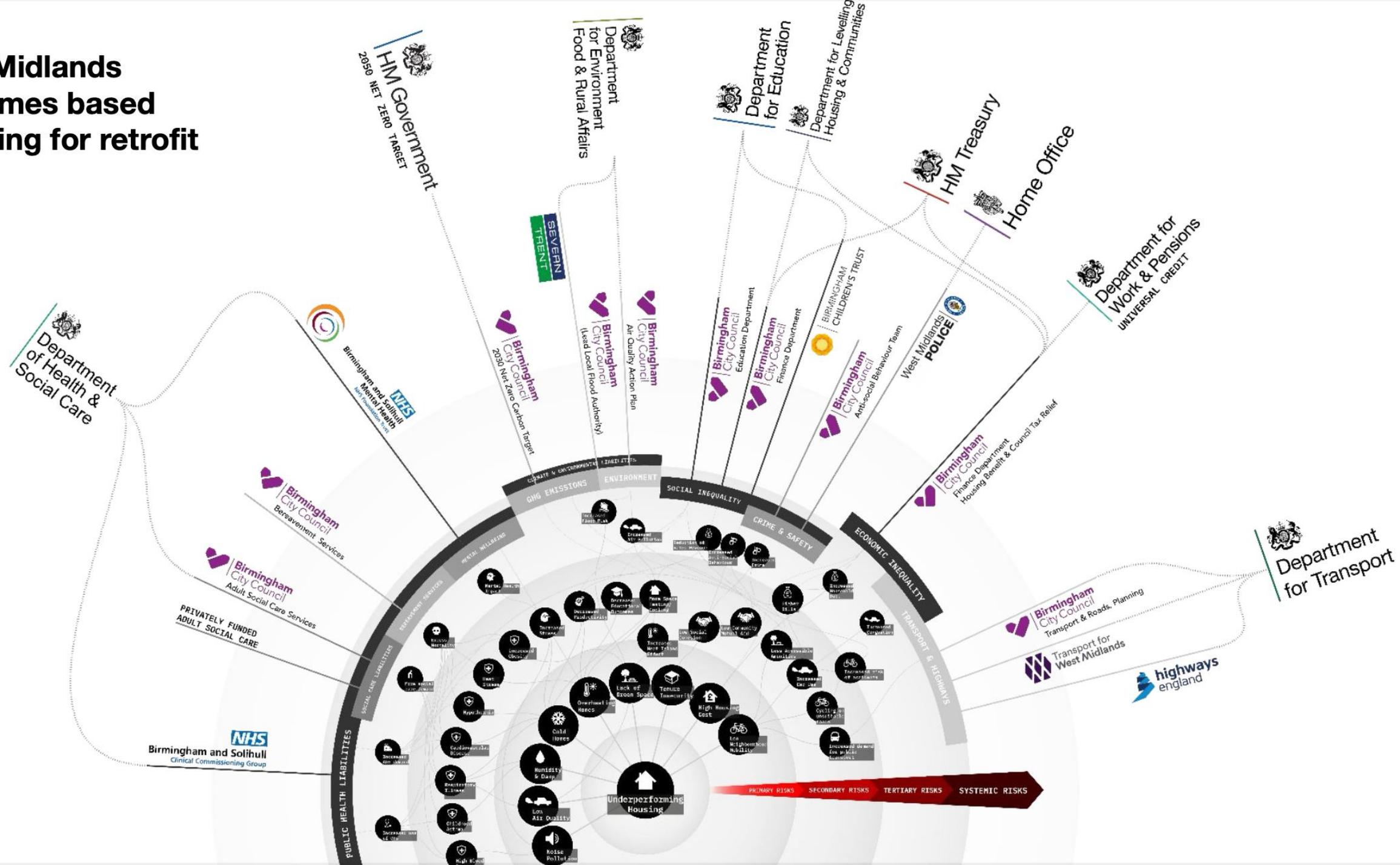
6 Streetscape

Pedestrianisation and active travel
Building biodiversity
Schools and local retail opportunities
Space for community initiatives

7 Community wealth

Energy outcome contracting
Energy cooperatives
Collective ownership and management
Community investment in shared assets

West Midlands Outcomes based financing for retrofit



Partnering with Newham citizens, civic groups and businesses
e.g. Customers, investors, providers, skills & training, governance, ownership roles etc.



1
Developing pooled energy assets
e.g. tech agnostic but likely solar, low carbon heat.

2
Commissioning energy services
e.g. retrofit, ESCOs, aggregation etc.

3
Enabling digital platform(s)
e.g. flex, demand management, data sharing etc.

Attracting finance and investment
e.g. Public finance, grant, private finance, bonds etc.

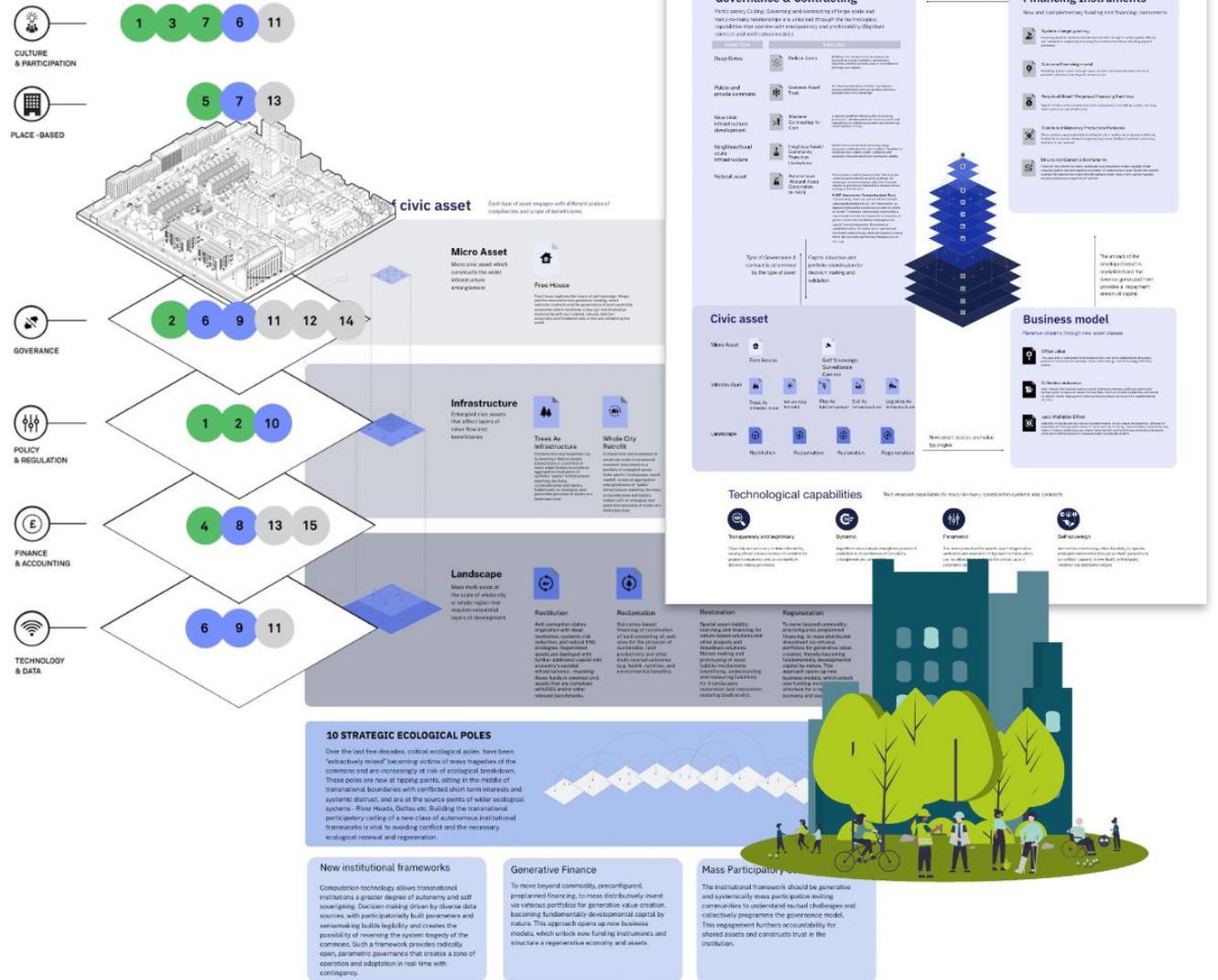


Community powered retrofit aims to mobilise residents and communities as part of designing neighbourhood transition programmes.

City transitions

Net Zero Cities

EU funded programme as part of its Mission for 100 Climate Neutral Cities by 2030. DML is part of the consortium delivering the mission platform.



MatR

A material registry

An operating system for material and performance data in buildings

MatR is a prototype open source web tool to log and monitor what buildings are made of and how well they perform.

Our aim is to create a digital repository for every building.



Location



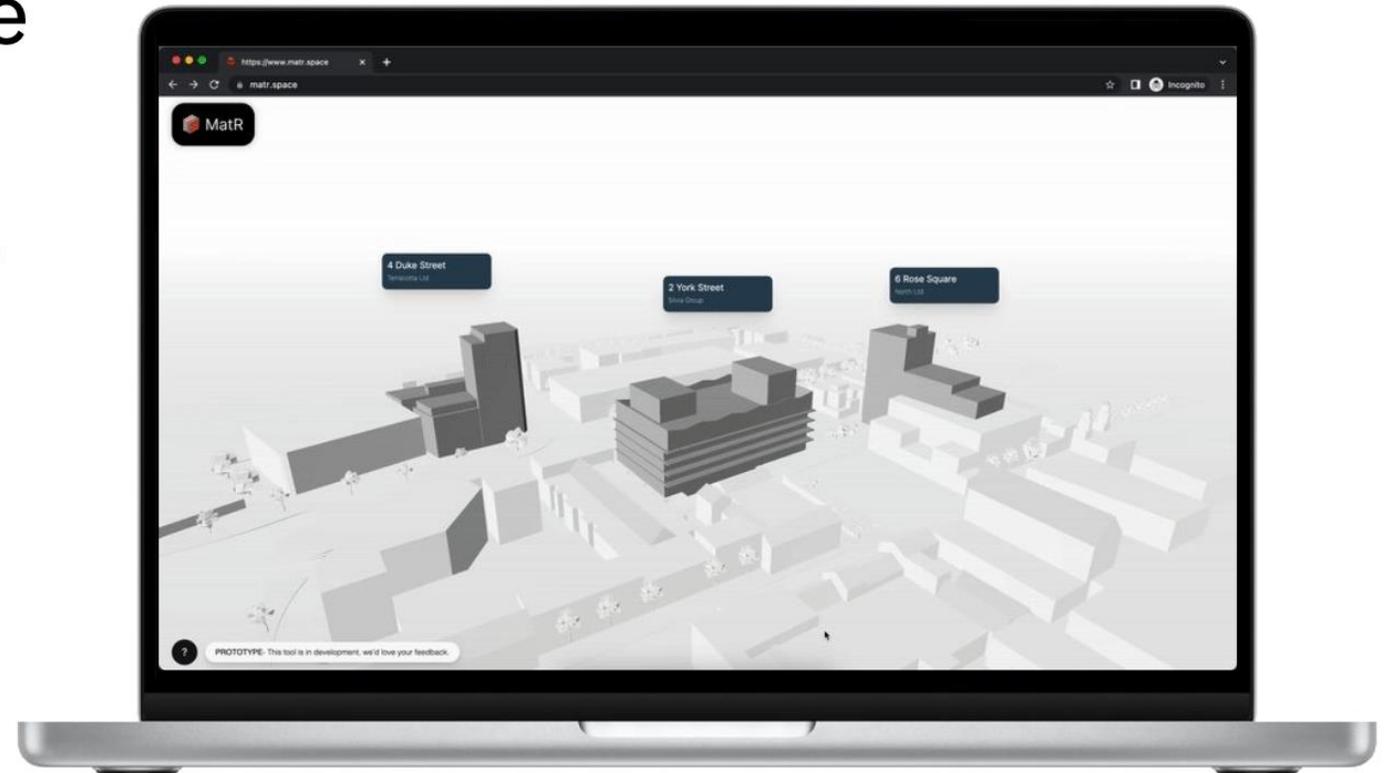
Material
data



Product
data

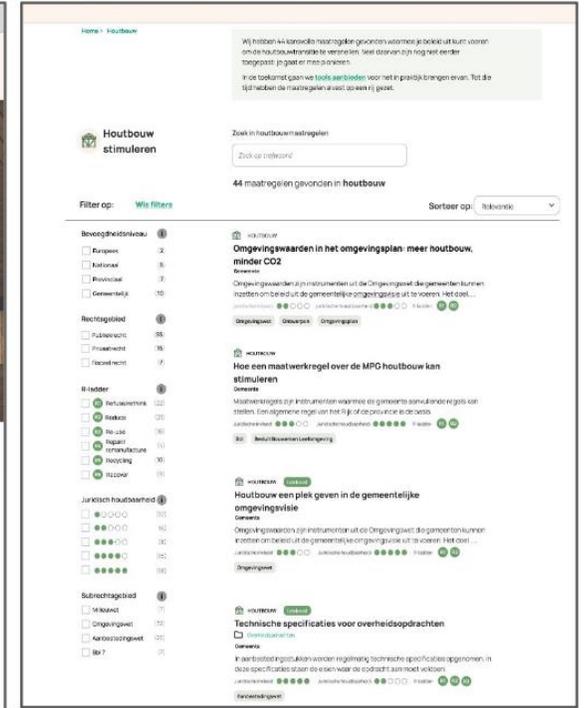
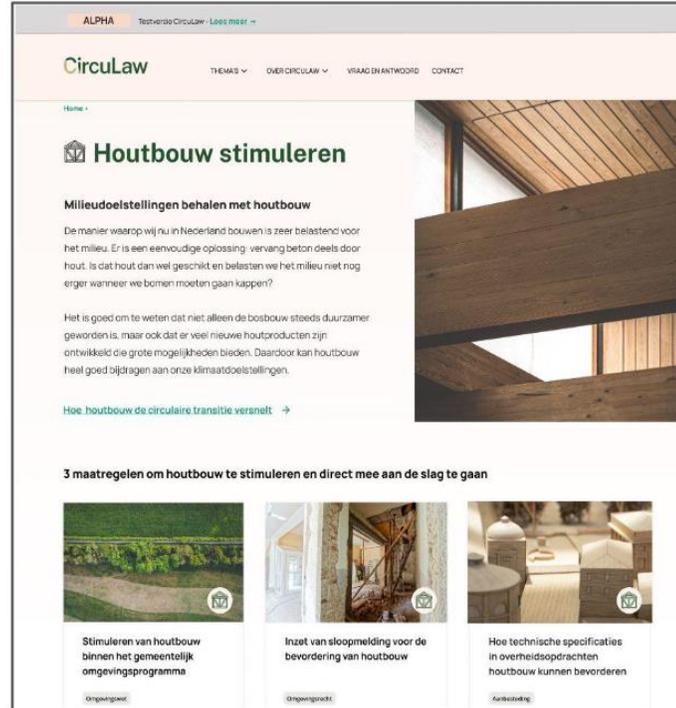


Performance
data



CircuLaw

Open Public Service tool to support the transition to a circular economy: from law as text to law as a service.



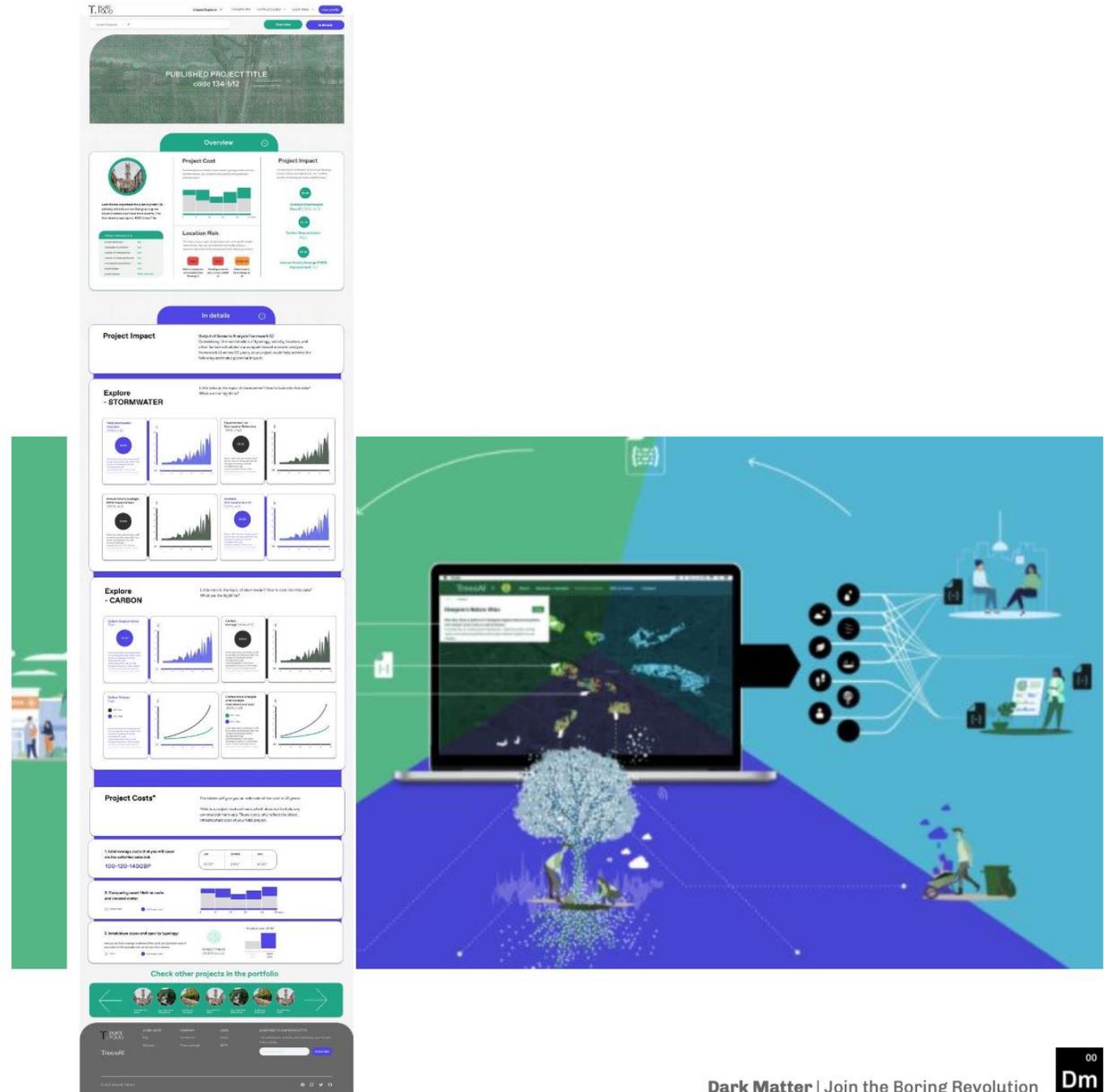
On the right: demo of the CircuLaw platform

Partners



TreesAI

An open source platform that values nature beyond carbon, establishing urban nature as an investable asset



Shifting our strategies

Individual, standardised,
transactional



Collective, people centered, trust
building

Extractive, payback financial lens



Local economic value

Cherry picking 'viable' assets



Integrated investments

Focus on 'measures' or Carbon



Focus on systemic outcomes e.g.
health





Optimise^{AI}

Optimised energy management of buildings

Decarbonising buildings, one zero at a time

Date 2025

Nick Tune
CEO and Co-Founder
Optimise AI



Our Mission

Mission

We operate on the edge of science to develop instant clarity and journey maps for those reducing building emissions across the globe.

What is success?

We will remove over 10Mt of Carbon emissions each year by enabling our clients to exploit their data .

The Problem 99%

Buildings lack data

99% of Non-Domestic buildings don't have a Building Energy Management System and 90% of those that do generally lack actionable insights.

Limited data = lack of insight and lack of savings



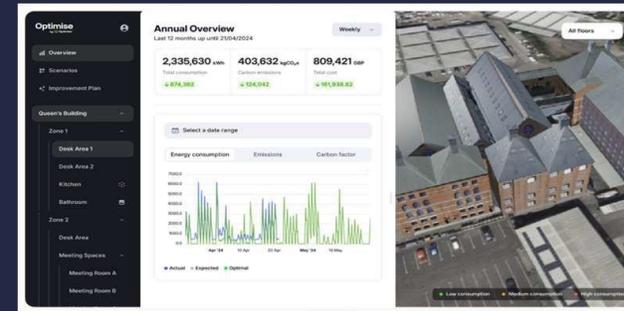
The solution: Semantics + AI



Draw from a decade of research data and a proprietary AI/ML tools to generate energy saving insights across your portfolio.



We create a Semantic Digital Twin, via ML/LLMs and Ontologies. These provide a richer context of your building.

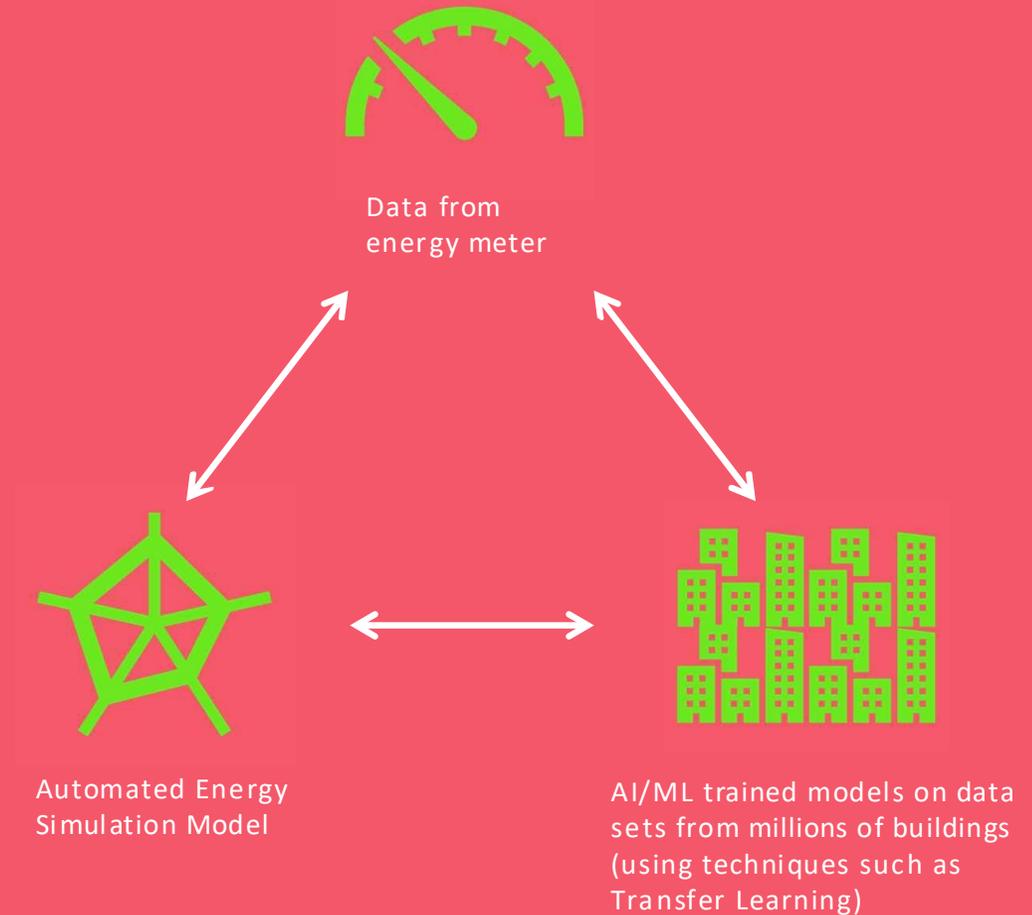


This provides more complex and insightful questions about the building being optimised.

Deeper insights and context allow for greater savings in energy, carbon and cost.

How we do it

We create a semantic digital twin by adding real time energy data (from meters, BMSs/IoT) with a building physics model and an AI trained large data model.



Net zero has to be a journey

Predict

Optimise



Low data maturity

Limited insights

Limited Savings

High data Maturity

Deep Insights

Deep Savings

Net zero has to be a journey

Predict

Optimise



Minimal data – no problem

Get Started with your Smart Meter using 'Predict' and our decade of data. Uncover valuable insights about your buildings and receive specific guidance on how to enhance them.

Further accuracy and new insights

Progress by incorporating details about the physical properties of your building, such as U-values, glazing ratios, and the efficiency of your equipment, among others.

Optimise building energy management, even at room level

Utilising your data, optimise provides you with a plan and what measures you can implement and when to achieve significant savings.

Case Studies

Clients we've worked with and who are already seeing the benefits of up to 40% energy savings with Optimise-AI.

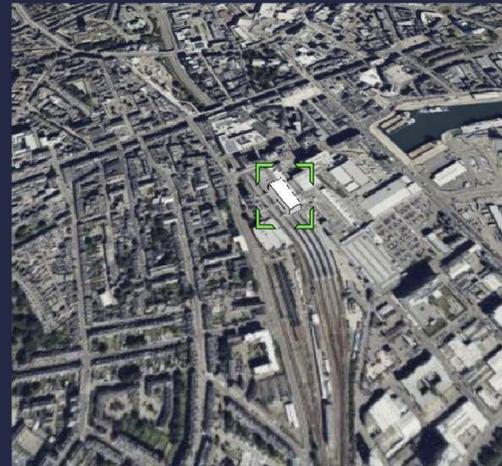
Bristol TM Station

A digital twin of Bristol train station, pioneering energy and carbon emissions optimisation within the station's operations.



Luton Airport

We implemented a semantic digital twin of the airport to simulate, predict and optimise the operational energy and carbon emissions and identified how to affordably save over 20%



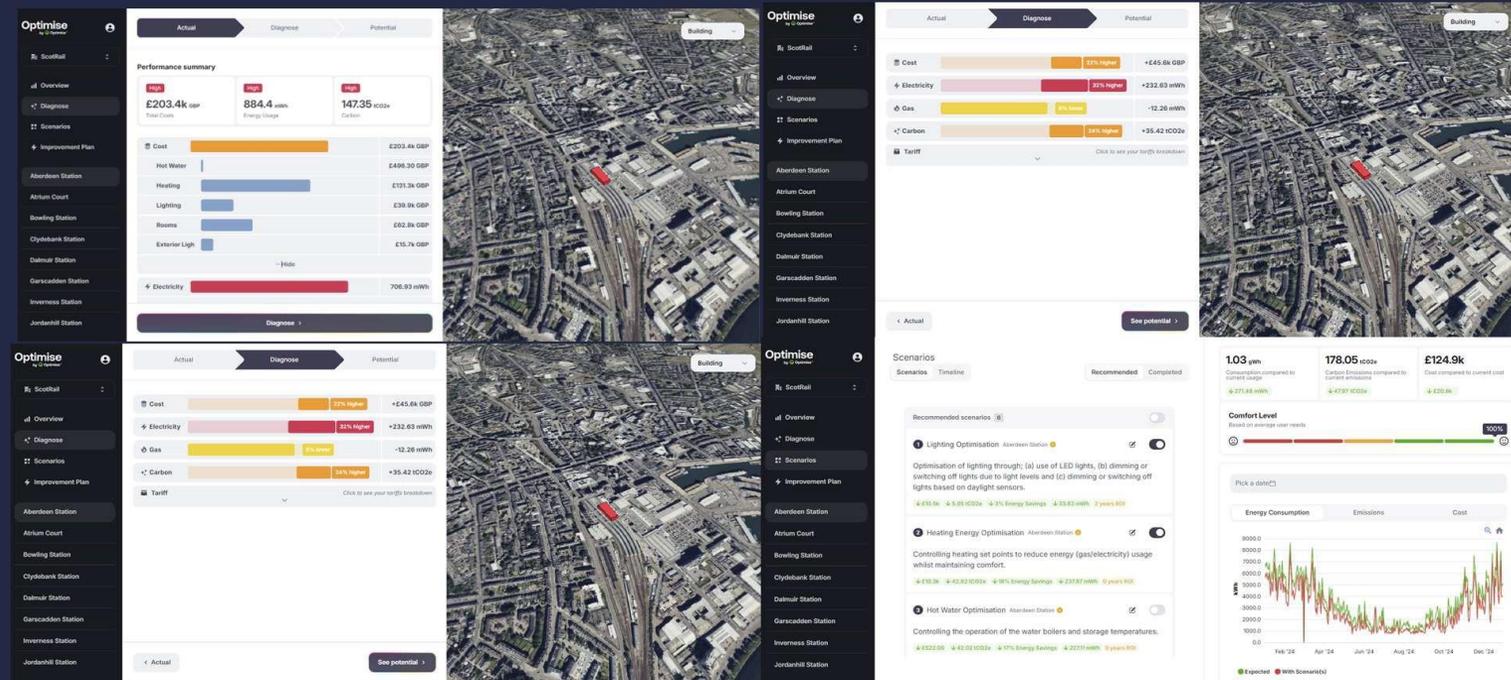
Scot Rail

A created semantic digital twins of 15 stations and depots and identified over 30% of savings with support on how to make the savings

Predict

Scot Rail

A whole estate digital twin that provides a helicopter view of the energy consumption, cost and carbon emissions for all your buildings.



Optimise

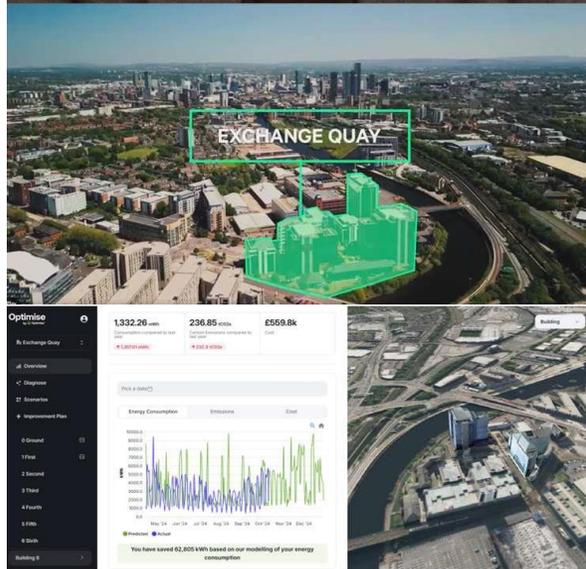
Uni of Wales

Save up to
40%

Granular digital twin of your building with our advanced AI technology

The image displays a collage of screenshots from the Optimise software interface, illustrating its capabilities in providing a granular digital twin of a building's energy performance. The interface is divided into several key sections:

- Annual Overview:** Shows key performance indicators (KPIs) such as Energy Consumption (992.02 kWh), Carbon Emissions (172.44 tCO2e), and Estimated Cost (£172.7k). It includes a line chart for Energy Consumption, Emissions, and Cost over time, with a 'Pick a date' selector.
- 3D Building Model:** A 3D aerial view of the building complex, allowing users to navigate through different zones and floors (Tunnels, ZoneA, FirstFloor, GroundFloor, MainFictscpt..., Stationrcpt..., ZoneB).
- Scenarios and Recommendations:** A 'Predict' section lists various energy-saving scenarios, such as 'Integration of Booking System', 'Automated Natural Ventilation Based on CO2 Levels', 'Mechanical Vent and Cooling Load Optimisation', and 'Heating energy optimisation'. Each scenario includes a description, a 'Recommended' status, and an ROI percentage.
- Improvement Plan:** A detailed panel titled 'Replacement of window glazing' provides specific recommendations, including 'Upgrade your window glazing to prevent heat loss', 'Upgrade lighting to LED', and 'Install light sensors'. It includes a 'Step Three' section with detailed implementation steps and a 'Factors Affecting Lifespan' section.
- Energy Consumption and Emissions Charts:** Multiple line charts showing energy consumption, emissions, and cost over time, with a 'Pick a date' selector for historical data analysis.



"I was initially skeptical... now I'm a firm believer in the benefits of digital twins"

Platform: **Predict**
Time in use: **6 months**
Estate: **40,413 square meters**
Typical Floor Size: **1,080 square meters**

Just like many commercial building owners, Till Asset Management was struggling to get a clear picture of their energy usage and carbon emissions at Exchange Quay. The limited access to meter data and the complexity of information from their Building Management Systems (BMS) made it a real challenge.

By working with Optimise AI, they were able to simply connect their smart meters and BMS systems to the Predict platform. The team started to have clear insights into building performance from day one.

Optimise AI uses advanced Machine Learning and AI algorithms to analyze the data, compare it to an energy simulation model, and benchmark it against data from millions of other buildings. This gives a comprehensive understanding of the building's performance and spots opportunities for optimization.

Now, Till Asset Management benefits from real-time performance insights and actionable recommendations to boost energy efficiency and cut emissions. The long-term plan is even more ambitious: enabling Optimise AI's algorithms to autonomously control the BMS, ensuring optimal user comfort while slashing energy consumption and carbon output.

Case Studies

Awards



Funding



Clients



Call to Action – Test Predict for your buildings that have Smart Meters

Thank you

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Q&A

www.iuk.ktn-uk.org



Innovate
UK

Business
Connect

Upcoming Events

Climate Change Adaptation - Webinar Series:

- Cooling Systems - 26th April 10-11 AM

Meet the Innovator Webinar Series:

- Decarbonisation of transport - 17th March 12-1PM
 - Consumption and the circular economy – 7th April 12-1PM
 - Biodiversity – 28th April 12-1PM
- 