

TRANSFORMING HOMES NEWSLETTER

The Transforming Homes consortium is an ecosystem of stakeholders working together to transform existing homes through design using biobased materials and low carbon solutions to provide better places to live for future generations.

Activities happening across our consortium

Understanding stakeholders perspectives

Dr Louise King, Research Associate, University of Bath

To understand how the transformation of homes could be scaled up, the team have been interviewing stakeholders involved in our demonstration projects. This will help identify strategic priorities associated with transformation of homes as well as the opportunities that could be realised and the challenges that are faced.

Interviewees ranged from elected officials to professionals working across housing decarbonisation, policy, and implementation. Stakeholders identified several challenges, including integrating national policy with local contexts, limitations of existing metrics such as Energy Performance Certificates (EPCs), and tension between recognising the value of resident engagement in transformation and the limited capacity to deliver it meaningfully. We also expanded our analysis through workshops with residents from 1920s–1940s estates across the UK.

This work provides insights into the experiences of professionals responsible for housing transformation and contributes to the development of future policy and governance structures.



Highlights from the Transforming Homes Consortium Meeting

Dr Veronica Albarran Carrillo, Research Associate, Cardiff University



In early May, the Transforming Homes team gathered at the Welsh School of Architecture, Cardiff University, for our quarterly Consortium Meeting. This session introduced a new, interactive format that brought fresh energy to the project and made the most of the expertise of our partners.

Day 1 involved hands-on challenges, testing refined design charrette activities based on those delivered across the UK. We also mapped stakeholders and explored creative ways to interpret the rich data gathered over the past year. Day 2 centred on updates from our seven work packages and discussions on strengthening multi- and interdisciplinary collaboration as we move toward key outputs.

It was a valuable opportunity to reflect on our progress and build momentum for the work ahead. Thanks to all who made the meeting so productive and inspiring.



Upskilling delivery teams to transform housing – a genuine collaborative approach to training pushing biobased materials forward

Prof Jo Patterson, Principal Investigator and Director, Transforming Homes
James Moxey, Business Development & Delivery, Woodknowledge Wales

A one-day practical workshop is going to be held in July for building professionals who will be working on the transformation of four 1920-1940 homes in Townhill in Swansea. The training course is designed to develop a basic understanding of how to install external wood fibre insulation and a lime render external finish. The day will also include wider training skills to upskill staff on health and safety and appropriate Personal Protective Equipment use.

The training initiative is being led by Wood Knowledge Wales who are collaborating with Ecological Building Systems to develop the training course with researchers from Transforming Homes. Sevenoaks Modular are hosting the training at their facility in Neath.

The training will be attended by Swansea Council staff and associated contractors who will be delivering the innovative biobased external wall insulation system (EWI) on the demonstration homes in Swansea. The training will provide a deeper understanding of difference from the installation of more traditionally used EWI fossil fuel-based products in advance of going on site.

It is anticipated that a second stage of training will take place in the autumn where details for eaves, windows, doors and corners will be provided, resulting in portable training rig.



Launching the Transforming Homes Webinar Series

Join us this June and July for a three-part webinar series showcasing insights from the Transforming Homes project. Members from our team and key stakeholders will explore how Design Research and Co-Design can be used to transform our housing stock at scale.

Across the series, we'll share findings from our demonstration homes in Bristol and Swansea, and discuss how Co-Design with residents, community members, industry and government is helping develop appropriate and transferable solutions to make UK homes fit for future generations

19
Jun



Webinar 1

Design Research approaches for transforming homes for future generations

9
July



Webinar 2

Giving everyone a voice through Co-Design

16
July



Webinar 3

Transforming homes at scale

Transforming Homes blogs

Transforming Homes with Residents: Insights from the HAMMAR Southwest Meeting



Join **Dr Catherine Butler** as she reflects on the recent **HAMMAR Southwest meeting** — organised by the National Housing Maintenance Forum. From discussions on Awaab's Law and the urgent need to tackle mould and damp, to practical examples of resident engagement and innovation in housing maintenance, these discussions reflect how the sector is evolving to put people at the heart of home transformation. Discover how Transforming Homes is contributing to national conversations, and what lessons are emerging for the future of social housing.

Data-Driven Transformation: Unlocking the Power of Building Monitoring to Future-Proof Our Homes



What does it take to future-proof our homes? In this blog, **Dr Emmanouil Perisoglou** dives into the vital role of deep **building monitoring** in understanding real-world performance and shaping effective and efficient home transformation and retrofit strategies. Drawing on the Transforming Homes demonstration homes in Swansea and Bristol, the piece explores how sensor data, resident feedback, and modelling tools can be used together to diagnose issues, test solutions, and shape a scalable, evidence-led approach to transforming the UK's ageing housing stock.

Spotlight on...



Dr Louise King

Research Associate
University of Bath,
Transforming Homes



Dr Andrew Shea

Co-Investigator,
University of Bath,
Transforming Homes



Insights from beyond Transforming Homes



Podcast suggested by
Veronica Albarran Carrillo



Toolkits suggested by
Louise King



Article suggested by
Joel Cady

External Events of Interest



Housing Governance 2025
London



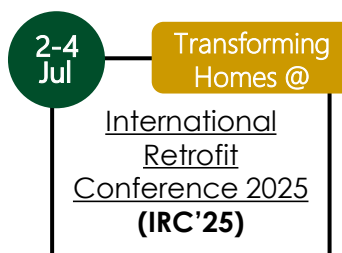
World Conference on
Timber Engineering 2025
Brisbane, Australia



Housing 2025 Leadership
Manchester



Housing Cymru Conference 2025
Cardiff



International Retrofit
Conference 2025
Salford



4th Int'l Conference on
Sustainable Building Materials
Eindhoven, the Netherlands

Interested in contributing our next issue? Contact Veronica
at AlbarranCarrilloV@cardiff.ac.uk to get involved!

Stay connected

