

RETROFIT WORKS: CREATING HEALTHY BUILDINGS FOR QUALITY OF LIFE

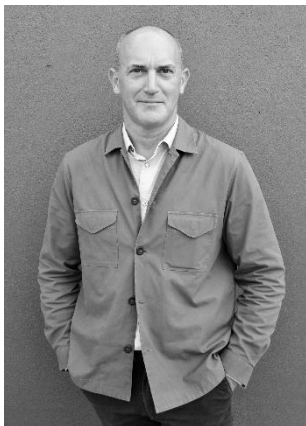
A one-day symposium, Museum of the Home

Thursday 21 May 2026

Curator: Lucy Bullivant PhD Hon FRIBA

Speaker bios

(in programme order)



Paul Karakusevic, architect and founding Director, Karakusevic Carson Architects

Paul Karakusevic is an architect and design leader with over 30 years' experience shaping resident-led, socially sustainable homes and cities. He founded Karakusevic Carson Architects to improve the quality of social housing and public buildings, working closely with residents and clients to create places that reflect genuine community need. He leads design excellence across the studio, delivering complex projects in the UK, Toronto, Lille and New York, spanning housing, masterplanning, urban design and retrofit. This commitment has established the practice's public sector focus and international reputation for award-winning architecture, as well as leadership in housing design, policy and socially responsible practice.

Paul collaborates with resident groups, public-sector clients and organisations committed to well-designed housing and equal opportunity. An advocate for genuinely affordable housing, he advises governments and housing authorities on public

investment and the role of councils in shaping equitable, sustainable neighbourhoods. He also lectures widely at leading universities and architectural institutions, sharing the studio's work and approaches to socially responsible design.

In 2025 KCA published 'Retrofit Social Housing: A Practical Guide for Local Authorities & Registered Providers of Social Housing', co-authored with XCO2 and Editional Architects.

Karakusevic Carson Architects: <https://www.karakusevic-carson.com/>

'Retrofit Social Housing: A Practical Guide for Local Authorities & Registered Providers of Social Housing', Karakusevic Carson Architects, XCO2, Editional Architects, 2025: <https://media.karakusevic-carson.com/app/uploads/2025/01/21123421/Retrofit-Social-Housing-SAMPLE-DOCUMENT-with-timeline-compressed.pdf>



**Tania Jennings, Net Zero Carbon
Manager, Lewisham Council**

In her role as Net Zero Carbon Manager at Lewisham Council in South London, Tania Jennings manages one of the largest Warm Homes: Social Housing Fund programmes in London. She previously oversaw the £30m West London Green Homes Grant: Local Authority Delivery and Home Upgrade Grant schemes for 13 local authorities, the Social Housing Decarbonisation Fund (SHDF) Demonstrator Energiesprong project for Ealing Council, and most recently, the SHDF2.1 programme at Lewisham, delivering retrofits to more than 250 council-owned homes.

Tania is Chair of the Association of Local Energy Officers – London and the co-policy lead for Don't Waste Buildings, a non-partisan lobbying group focused on the re-use and retention of existing buildings. She previously sat on the RetrofitWorks board of directors and the UKGBC Solutions & Innovation Member Advisory Group. She has spent the last year documenting her own Net Zero retrofit of a post-war terraced home in Greenwich on YouTube

Lewisham Council's Housing Retrofit Strategy:

<https://lewisham.gov.uk/myservices/housing/council-tenants/retrofitting-homes>

Don't Waste Buildings: <https://www.dontwastebuildings.com/>

Tania Jennings on YouTube: <https://www.youtube.com/@TaniaJennings/videos>



Eleanor Grace, Lead Retrofit Innovation and Delivery Officer, Regeneration, Economy and Planning, Westminster City Council

Eleanor is a heritage planner by background, working both in public and private sectors. Her current role is within the Westminster Retrofit Taskforce established in 2022 to drive strategic retrofit initiatives in Westminster to work towards net zero targets, support climate change adaptation and resilience, improve health and comfort in homes, and address affordability issues.

Westminster has some of the highest carbon emissions in London due to the borough's densely built environment, and existing buildings are responsible for 86% of carbon emissions in Westminster, making it one of the council's most significant challenges in meeting its net zero target. The Taskforce was established in response to non-technical barriers and challenges for Westminster, including the large number of flats - approximately 90% of homes in Westminster, and the extent of heritage assets – including over 11,000 listed buildings and 56 conservation areas, approximately 76% of the borough.

The Retrofit Taskforce works collaboratively with teams across the council, and partners with other stakeholders to develop and support archetype approach; its retrofit procurement club; planning policies and processes; communication, guidance and training.

[Retrofit Taskforce | Westminster City Council](#)



**Dr Afsheen Kabir Rashid MBE,
co-founder and CEO,
Repowering London**

Dr Afsheen Kabir Rashid MBE is the co-founder and CEO of Repowering London, a social enterprise that empowers local communities to create, own and manage renewable energy projects. For nearly two decades, she has worked with London's communities and local authorities to develop community-owned solar power stations, particularly on inner-city social housing estates and public buildings like schools and libraries.

Afsheen is a community energy pioneer who has influenced national policy as a Senior Advisor at the Department of Energy and Climate Change (now DESNZ). She has served as Chair of Community Energy England and the Brixton Energy Solar Co-operative. Her leadership was recognised with an MBE in the 2016 New Year Honours and an Honorary Doctorate from the University of Essex. Most recently, her work led Repowering London to win a prestigious 2025 Ashden Award for its impact on local energy systems.

Repowering London: <https://www.repowering.org.uk/>



**Jason Powell, Head of Operations –
Hackney Light and Power, Hackney
Council**

Jason Powell is Head of Operations for Hackney Light and Power at Hackney Council, where he leads the delivery of local energy and decarbonisation projects across the

borough. His work focuses on turning climate and energy goals into practical delivery through governance, procurement, funding, partnership working and implementation. He set up and oversees Hackney's Community Energy Fund, which has distributed more than £1.5 million to support community organisations with practical energy projects, and in the Council's 1MW residential solar pilot, a UK-first at-scale scheme now in delivery. It was recently featured as a case study in the Warm Homes Plan and a [TIME headline article](#). It won the [Regen's Green Energy Award](#) for the Just Transition.

Jason's background is in operations, logistics, procurement and supply chains, with earlier experience in energy and retrofit work. During the Covid pandemic, he worked in emergency response and public health roles for Hackney and the NHS, before moving into his current Council role in 2022. He is particularly interested in building delivery models that help councils create lasting and resilient public value through practical, replicable energy projects.

Hackney Council, Community Energy Fund: <https://news.hackney.gov.uk/news/hackney-non-profit-organisations-to-slash-bills-and-emissions-with-gbp-600k-boost-for-solar-and-energy-upgrades>

Hackney Council, residential solar projects: <https://news.hackney.gov.uk/news/council-tenants-to-see-lower-bills-as-pioneering-solar-energy-pilot-begins>



Jonathan Atkinson, Retrofit Lead and co-founder, Carbon Co-op

Jonathan Atkinson is Retrofit Lead and co-founder of Carbon Co-op, a community energy organisation focused on facilitating citizen and community action on climate change, and Business Director, People Powered Retrofit, a community-led retrofit one-stop shop, both based in Greater Manchester.

After graduating in environmental science, Jonathan worked in a succession of co-operatives, including Ethical Consumer Magazine, before co-founding Carbon Co-op in

2011; the organisation founded People Powered Retrofit as a separate entity in 2021. Jonathan has worked across a broad range of areas, specialising in the delivery of domestic retrofit projects including Community Green Deal and the Levenshulme Area Based Scheme (LevABS) that centre on householders and communities whilst delivering high social and environmental impact.

Jonathan is co-author of 'Building Community Power' (Carbon Co-op and Regen, an independent non-profit working to transform the UK's energy sector, 2026), a research report commissioned by the Greater Manchester Combined Authority (GMCA) looking at how the city region can support the growth and development of the community clean energy sector and its ambitions.

Carbon Co-op: <http://www.carbon.coop>

People Powered Retrofit: <http://www.retrofit.coop>

'Building Community Power (Carbon Co-op and Regen, February 2026):
<https://carbon.coop/2026/03/building-community-power-report-released/>



**Hilary Powell and
Dan Edelstyn, Co-
founders, Power
Station and
Optimistic
Foundation CIC**

Hilary Powell and Dan Edelstyn work across art, film and social enterprise to make contagious visions and stories of change. Their first feature documentary film 'How To Re-Establish A Vodka Empire' (2011) involved a journey into Ukrainian family history that led to the setting up of a social enterprise vodka brand (Zorokovich 1917) and the beginnings of their fusion of storytelling and social impact. It was commissioned by Channel 4 and premiered at the BFI London Film Festival.

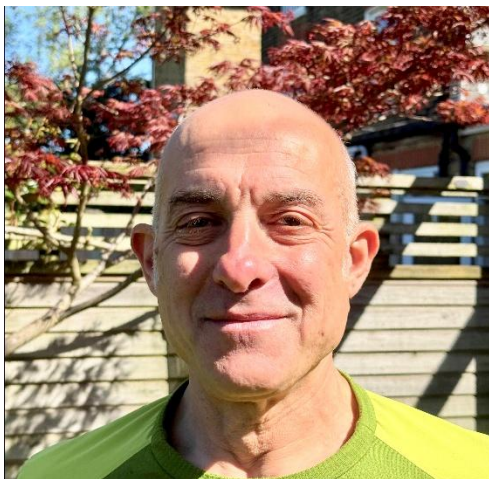
'Bank Job', their second feature documentary similarly expanded beyond the screen and involved setting up a 'rebel bank' printing money and exploding £1.2 million of debt. The film was supported by the BFI Doc Society's Documentary Fund and premiered at HotDocs 2021 and artefacts produced alongside the film include a book and artworks now in the collections of the V&A and British Museum.

Their 'Power Station' feature documentary film began with the question: 'What could we do from where we live, with the people around us to build power - of energy and imagination?'. It follows the pair's goal to install solar panels on 150 homes in their neighbourhood, creating a community energy co-operative to produce renewable energy and sell it back, reducing local carbon footprints and energy bills. It shows their collaborative work developing further in its ambition and innovation in community and audience building strategies towards these outcomes. 'Power Station' had its UK premiere at Sheffield DocFest 2025 and has now had over 200 screenings across the UK and beyond.

Hilary and Dan co-founded the independent art and film production company Optimistic Foundation CIC with collaborators, working alongside their film production company Optimistic Productions, and based in Waltham Forest, in 2018. They were GLA Civic Future Fellows in 2023 and recently named Big Issue Changemakers of the Year.

Power Station documentary film: <https://power.film/>

Optimistic Foundation CIC: <https://www.optimisticproductions.co.uk/about>



**Dan Epstein, co-founding Director,
Stokey Energy**

Dan Epstein is a sustainability expert with over thirty years of experience focused on making sustainable urban developments, including on clean and smart energy systems,

sustainable water management, waste, circular economy, material biodiversity and greening strategies. He founded Urban Nature, his consultancy, in 2017.

Dan co-founded Stokey Energy in Hackney as a member of a group of residents of Stoke Newington in 2019. The community benefit society has delivered solar, heat pumps and decarbonisation projects for schools, churches, community centres and homes in the borough.

His major projects include the London 2012 Olympics, for which he was Head of Legacy and Sustainability, and Old Oak and Park Royal Development Corporation, for whom Dan conceived and then led the development of proposals for a heat network that will supply Central Middlesex Hospital, Wormwood Scrubs Prison, local industry and up to 25k homes, The project recently secured over £100m of investment from the public and private sector.

Stokey Energy: <https://www.stokeyenergy.org/>



Anna Moore, founder and CEO, Domna

Anna Moore is founder and CEO of Domna, a housing asset management and retrofit specialist firm headquartered in London. Domna helps social and private landlords keep their tenants happy and healthy and stay compliant with regulation through software and services.

The firm's asset management strategy, powered by Ara, its proprietary stock assessment tool, processes 4bn data points with 98% accuracy to help social and private landlords manage their assets. Domna provides a full suite of specialisms needed to scope and design projects (PAS2035 assessment, coordination, and design,

Principal Designer, Decent Homes and stock condition surveying, etc.), alongside project management and contracting.

Anna is committed to sustainability and the built environment. She is Board Member, the Built Environment Trust; chairs the Finance working group of the National Retrofit Hub; is a member the City of London's Skills for a Sustainable Skyline Task Force; and works with the Urban Land Institute and the British Property Federation.

Previously, Anna was a Partner with McKinsey & Company, where she led the firm's UK Construction and Real Estate practice and co-led its European Sustainability Strategy practice. As one of the leaders of McKinsey's Net Zero Built Environment team she was in charge of the global launch of McKinsey's Sustainable Materials Hub and was lead author of McKinsey's research on sustainable value pools, including the US\$2tn annual market in green construction and real estate.

Domna: www.domna.homes

Built Environment Trust: <https://www.buildingcentre.co.uk/built-environment-trust>



**Emaad Damda, architect and Associate,
Tuckey Design Studio**

Emaad Damda is an Associate and Lead Architect at Tuckey Design Studio, a London and Switzerland-based architecture and interior design practice renowned for adaptive reuse and sustainable new-build construction.

The studio specialises in historic renovation, sustainable intervention, and the integration of contemporary design within layers of built heritage. Its portfolio spans Europe and the USA. Emaad led the studio's pioneering Rammed Earth House project: a homestead in Wiltshire constructed from the very material on which it sits. The project

recently received an RIBA Regional Award, with judges describing it as ‘a building that demonstrates how architecture can inhabit a place with warmth, intelligence and grace, offering a phenomenological experience of exceptional depth.’

Other notable projects by the studio include the interior architecture for the King's Cross Gasholders, the Michelberger Hotel in Berlin, the adaptive reuse of a cod-liver oil factory into the Trevarefabrikken cultural venue in Norway, and the retrofit of Acland Burghley School in North London.

Emaad is passionate about the craft of building and is known for his meticulous attention to detail and thoughtful approach to materials. He particularly values time spent on site and recently travelled to Wisconsin to oversee the construction of several new-build villas on the shores of Lake Michigan.

Tuckey Design Studio: <https://tuckeydesign.com/>



**Cllr Jacob Cable, Cabinet Member for
Climate, Clean Air, Energy and Transport,
Hackney Council**

Jacob Cable is Cabinet Member for Climate, Clean Air, Energy and Transport at the London Borough of Hackney and Ward Councillor for Stoke Newington. He previously held the role of Finance and People Analyst at Transport for London, where he scrutinised public finances and organisational practices. He brings a detailed understanding of how large public institutions operate, alongside a particular passion for transport policy and accessibility. He has deep family roots in Hackney and contributed to grassroots campaigns to protect local spaces. Jacob believes effective local government depends on transparency, efficiency, and decisions that genuinely improve residents' daily lives.

Hackney Council - Retrofitting Existing Buildings: <https://www.hackney.gov.uk/planning-and-building/retrofitting-existing-buildings>



**Christian Dimbleby, Head of
Sustainability UK, White Architektur**

Christian is both a qualified architect and engineer, with two decades of experience in designing and delivering radically lower carbon and healthy buildings. He is the Head of Sustainability UK at White Arkitekter, the leading Scandinavian architecture practice helping in its goal of delivering all carbon-neutral buildings by 2030. Exemplar housing projects Christian has been involved with in the past include the Carbon 60 retrofit of Sanford Housing Co-op and the technical design and delivery of Agar Grove Phases 1a and 1b, scaling up sustainable delivery of the largest Passivhaus housing scheme in the UK.

Christian holds a deep knowledge in natural and innovative materials, advocates for healthy and uplifting buildings and supports the benefits of retrofit. He has developed individual through to estate retrofit plans and is currently going through the process of getting a deep green retrofit design for his own home started.

White Architektur: <https://whitearkitekter.com/office/london/>



**Jennifer O'Donnell, architect and co-
founder, O'DonnellBrown, Glasgow**

Jennifer co-founded O'DonnellBrown with Sam Brown in 2013. She has over fifteen years of experience in the construction industry, and during this time she has worked with communities and third sector organisations across Scotland to develop briefs and

deliver capital projects. Jennifer led on the refurbishment of New Olympia House for Clyde Gateway which was awarded Retrofit Project of the Year at the 2024 Architects Journal Awards, and the community led redevelopment and masterplan for the Category A listed Govan Graving Docks.

A graduate of the Mackintosh School of Architecture, she has maintained links with Glasgow's architecture schools, both as visiting critic and studio design tutor. She is passionate about using these roles to help education the next generation about the built environment and the social responsibility that comes with shaping it.

Under Jennifer's leadership the studio has gained early and critical recognition, as the only UK finalist in 2019's Architectural Review Emerging Architecture Awards, and the studio was included in the Architecture Foundation's 'New architects 4', a major publication surveying the best British architectural practices established in the past ten years. O'DonnellBrown won Best Retrofit of the Year at the AJ Retrofit & Re-use Awards in 2024 for the New Olympia House in Glasgow, transforming a 1927 Salvation Army Hall into office space.

In 2025 Jennifer was appointed external examiner at Robert Gordon University, Aberdeen, Jennifer is a Design Council Expert and a regular guest judge for the Architects' Journal annual design awards.

O'DonnellBrown: <https://odonnellbrown.com/>



**Dr Laura Morgan Forster, Innovation Lead
for Heat and Buildings, Innovate UK**

Dr Laura Morgan Forster is Innovation Lead for Heat and Buildings, Innovate UK, the country's national innovation agency, part of UK Research and Innovation (UKRI), aimed at driving economic growth by supporting businesses to develop and commercialise new products, processes and services.

In her role, Dr Morgan Forster is at the forefront of accelerating the adoption of cutting-edge heat decarbonisation technologies and digital technology that are transforming retrofit. She works closely with product manufacturers to drive uptake in government-backed retrofit programmes and stimulate wider market demand. With experience at the Building Performance Network, Laura brings a strong focus on building performance evaluation. She now supports a portfolio of grant-funded projects, championing the use of high-quality data to enable confident decision-making and deliver optimal outcomes in low-carbon refurbishment.

Laura's experience with the Good Homes Alliance and the Sustainable Traditional Buildings Alliance has given her a deep understanding of both the challenges and the transformative potential of creating a more sustainable built environment. Passionate about impact, she is particularly interested in the wider benefits of retrofit, including its influence on health and wellbeing, improving indoor air quality, thermal comfort, and overall quality of life for occupants.

Innovate UK's Net Zero Heat Programme: <https://iuk-business-connect.org.uk/programme/net-zero-heat/>



Joe Morris, architect, founder and CEO of Morris+Company

Joe Morris is an architect spearheading Morris+Company across two studios, one in the creative district of London's Hackney, the other in Copenhagen. In a career spanning more than thirty years of professional practice which has achieved widespread international recognition, Joe has increasingly advocated a sense of urgency for fair and transparent practice, inclusivity and equality, through open dialogue and critical debate,

whilst encouraging the broader company to take ownership of projects and develop their own careers and interests.

Joe has taught at the Bartlett School of Architecture in London, the Universidad de Navarra in Pamplona and La Salle School of Architecture in Barcelona and has been a visiting examiner at Plymouth and Oxford Brookes universities. He is a founding participant in Londonon, a global self-initiated ted research programme exploring a world view on cities across Europe and has also contributed to several local authority design review panels including Lewisham, Brent, Hackney, Southwark and Islington.

Morris+Company is a growing studio, recently included on the AJ100 definitive record of the UK's largest architecture practices. It has established itself as a leading practice in 'radical retention' and low-carbon retrofitting, particularly within London and Europe. Their approach focuses on extending the lifespan of existing structures through 'long-life, loose-fit' designs that prioritise circularity and sustainability. 15 Norton Folgate, on the City Fringes, in collaboration with AHMM. Stanton Williams, DSDHA and East, transforms a cluster of underused heritage buildings into new workspaces, was awarded Outstanding Adaptive Reuse (2025) and Supreme Winner at the 2024 Brick Awards; Assemblies, Aldgate, is a major office-to-residential conversion in development, while L'ilot 130 (ILO), Brussels, is a mixed-use masterplan near the European Commission with 25% of the site converted into high-quality housing.

Morris+Company: <https://www.morrisandcompany/>



Barnaby Johnston, architect and Quality and Design Manager, Places for London

Barnaby is an architect with a track record of delivering sustainability frameworks, placemaking strategies and retrofit projects that push outstanding environmental performance. Before his current role at Places for London, the Transport for London

property company, he was Director at award-winning architects Squire and Partners for twenty years, responsible for major high-end residential refurbishments and office retrofits across London. Following this, Barnaby moved to the public sector to work at the GLA in Land and Property, initiating social impact and placemaking strategy with development partners.

Most recently, he has been responsible for the development of the Sustainable Estate Framework for Place for London's existing estate. This builds on the excellent work of the Sustainable Development Framework launched in 2022, focussing on how to best address the triple bottom line for existing properties and their local neighbourhoods, promoting excellent sustainability performance.



Tara Gbolade, architect and co-founding Director, Gbolade Design Studio

Tara Gbolade is an architect, Mayor's Design Advocate and co-founding director of award-winning, London-based Gbolade Design Studio, an architecture and regenerative design practice she leads with architect Lanre Gbolade, which operates across the UK and internationally.

The practice specialises in the data-led design and placeshaping of residential and mixed-use developments for public and private sector clients. Tara is a Trustee of the UK Green Building Council (UKGBC) and sits on Design Review Panels across London where she advises councils on major planning applications.

With an expertise in sustainable design, Tara has led public-sector sustainability guidance; setting the ambition and standards for environmental & socio-economic sustainability ensuring that high quality sustainable design is embedded within new and existing development and communities.

She encourages the adoption of regenerative approaches to development and contributes to industry-leading organisations. These include LETI (Low Energy Transformation Initiative), a voluntary network of over 1,000 UK built environment professionals working to achieve net-zero carbon buildings; and UK Architects Declare, a network of architectural practices across the UK committed to addressing the climate and biodiversity emergency.

Over 1,400 architects have signed the Architects Declare pledge, and the organisation represents thousands of individual architects across these firms, including most of the UK's largest practices listed in the AJ100, the definitive list of the biggest UK architectural practices, measured by the number of qualified architects they employ. Established in 1995 by The Architects' Journal, it serves as a primary benchmark for the business of architecture in the country.

Tara is a co-founder of the Paradigm Network for construction industry professionals championing diverse representation in the built environment. Tara and Lanre are co-authors of 'Changing the Game: How to Run a Sustainable and Regenerative Small Practice', RIBA Publications, 2024.



Lanre Gbolade, architect and co-founding Director, Gbolade Design Studio

Lanre Gbolade is architect and co-founding director of Gbolade Design Studio, a London-based architecture and regenerative design practice he leads with architect Tara Gbolade operating across the UK and internationally. The practice works with visionary developers to transform complex sites into thriving, sustainable places and neighbourhoods.

Lanre's expertise lies in medium- to large-scale sustainable residential architecture, retrofit, offsite construction, design for manufacture and assembly (DfMA). He successfully led the MMC (Modern Methods of Construction) and DfMA transformation

programmes for the one of the UK's leading Housing Associations, for which he was named as 'Offsite Pioneer of the Year' by Offsite Awards.

He is a Design Review Panel member, an external examiner for Newcastle University and the Architect's Registration Board, founding committee member of the Paradigm Network, and he served as an elected RIBA Council Member between 2017-2021.

Lanre is co-author with Tara Gbolade of 'Changing the Game: How to be a Sustainable and Regenerative Small Practice', RIBA Publications, 2024.

Gbolade Design Studio: <https://www.gboladedesignstudio.com/>

'Changing the Game: How to Run a sustainable and regenerative small practice', Tara and Lanre Gbolade, RIBA Publishing, 2024.

https://www.ribabooks.com/changing-the-game-how-to-be-a-sustainable-and-regenerative-small-practice_9781915722096#

LETI (Low Energy Transformation Network): <https://www.leti.uk/>

UK Architects Declare: <https://uk.architectsdeclare.com/>

Paradigm Network: <https://www.paradigmnetwork.co.uk/>

AJ100: <https://www.architectsjournal.co.uk/practice/aj100>

Architects' Journal: <https://www.architectsjournal.co.uk/>

Offsite Awards 2026: <https://enter.offsiteawards.co.uk/>



Tom Bennett, architect and director, Studio Bark

Tom Bennett is an architect and director, Studio Bark, London, a hands-on team of environmental architects, builders, researchers and collaborators. He is motivated by change-making and supporting the construction sector to transition towards a more democratic, post-carbon future. At Studio Bark he leads on environmental design, energy modelling, and retrofit, alongside managing business operations.

Tom pioneered the embodied and whole life carbon research behind Studio Bark's SmallCarbon tool and created the digital production and automation processes that underpin its U-Build modular, flat-pack construction system. This is designed to make buildings accessible to everyone, regardless of their prior experience. He has also led a range of projects from self-build homes to deep energy retrofits.

Previously Tom worked for artist Wolfgang Buttress on public art projects including The Hive at Kew Gardens. He regularly speaks on self-build, climate activism and environmental design, and is a founding member and current treasurer of the Architects Climate Action Network (ACAN).

Studio Bark: <https://studiobark.co.uk/>

Small Carbon (Studio Bark): <https://studiobark.co.uk/resources/smallcarbon>

U-Build: <https://u-build.org/>

Architects Climate Action Network (ACAN): <https://architectscan.org/>



**Agnes Czako, Founder and CEO,
AirEx Technologies**

Agnes Czako is the Founder and CEO, AirEx Technologies ,(2016-) an innovative manufacturer of smart energy efficiency and ventilation products and systems that help people live in warmer, healthier homes by reducing heat demand whilst managing moisture. AirEx's mission is to fight fuel poverty.

A certified Passivhaus consultant with twelve years building physics experience, Agnes has led numerous low-carbon innovation projects and is the Lead Assessor of an energy advisory organisation since 2011 for whom she led the delivery of 30,000 Fuel Poverty assessments. She is a Fellow, Unreasonable Group (2022-), and holds a BSc from the University of Budapest and a Masters in Interdisciplinary Design for the Built Environment (IDBE), University of Cambridge. Agnes is the winner of the 'Women in Innovation 2019' Innovate UK award.

Floorvent, AirEx's flagship system, is the world's first smart underfloor draught proofing and ventilation solution for suspended timber floors. Made of smart air bricks and a hub, it uses sensors and weather data to decide when to open and close, reducing heat loss while protecting against damp and mould. Agnes is now leading the development of Roomsense, launching in 2026, which adds room-level monitoring to the AirEx system through smart adaptive ventilation for healthy homes fit for the future.

AirEx Technologies: <https://www.airex.tech/>



**Retrofit Works symposium curator
and co-chair:**

**Lucy Bullivant PhD Hon FRIBA,
curatorial director, place
strategist, author, and founder,
Lucy Bullivant & Associates**

Lucy Bullivant is a curatorial director, author, and place strategist advancing inclusive, just transitions, who leads her own London-based consultancy firm, Lucy Bullivant & Associates. Her forthcoming book, *Masterplanning Futures: Agents of Change* (Routledge, 2026) explores regenerative urbanism and the evolving role of masterplans as adaptable frameworks. It is the successor to *Masterplanning Futures* (Routledge, 2012), winner, Urban Design Group Book of the Year (2014). She is an Honorary Fellow, Royal Institute of British Architects, elected in 2010 for her contribution to sustainable architectural culture globally.

Chair, Lambeth Design Review Panel (2019-25); and place and engagement strategy leader in London, Oslo and Doha, Lucy has curated groundbreaking exhibitions including 'Urbanistas: women innovators in architecture, landscape and urban design' (Roca London Gallery); 'Retrofit23: Towards the deep retrofit of retrofit at scale' (Building Centre); and projects for Triennales of architecture and urbanism in Oslo, Shenzhen, Milan, the São Paulo Biennale of Architecture and Lisbon's Experimenta festival, following her term as Heinz Curator of Architectural Programmes (Royal Academy).

She holds a PhD in adaptive urban systems (London Metropolitan University, Department of Art, Architecture and Design) and has given keynotes and lectures (United Kingdom, Europe, United States, Middle East, North Africa, East Asia) since 1998. Lucy founded [Urbanista.org](https://www.urbanista.org/), her webzine for liveable urbanism, in 2013.

Urbanista.org webzine for liveable urbanism: <https://www.urbanista.org/>

'Retrofit23: Towards the Deep Retrofit of Homes at Scale', exhibition curated for the Building Centre, London, May-Oct 2023: <https://vimeo.com/manage/videos/1181301703>



**Co chair:
Professor Arthur Kay, UCL Institute
for Global Prosperity, Trustee,
Museum of the Home, and Board
Member, Transport for London and
the Royal Academy of Engineering**

Professor Arthur Kay is an advisor to organisations on making cities better places to live, an award-winning social impact entrepreneur and author. A Board Member for Transport for London (TfL), Royal Academy of Engineering, Fast Forward 2030 and Museum of the Home, London, and advisor, Innovo Group, he is Professor of Practice at University College London (UCL) Institute for Global Prosperity (IGP). Kay co-authored *Roadkill: Unveiling the True Cost of Our Toxic Relationship with Cars* (Wiley, 2025) with Professor Dame Henrietta Moore.

Arthur founded and built Bio-Bean (acq.2023), Skyroom (acq. 2024) and the \$135 million Key Worker Homes Fund, and has been recognised by the UN as a ‘Sustainable Development Goals’ pioneer. His 2020 publication, *Rise Up* (UCL IGP), made the case for providing homes for key workers by leveraging Skyroom’s proprietary airspace technology and urban development model to build sustainably above existing buildings. He co-edited *Building Bridges for Ukraine: Pathways to Sustainable Prosperity* (UCL IGP, 2025) with Moore and has lectured on urban design and sustainable entrepreneurship at Massachusetts Institute of Technology (MIT), New York University (NYU), London School of Economics (LSE) and in the Middle East.

Rise Up: the case for, and advantages of, providing homes for key workers in the airspace above existing buildings, Arthur Kay, The Institute for Global Prosperity and The Bartlett School of the Built Environment, University College London, 2020:

<https://riseup.skyroom.london/>

Roadkill: Unveiling the True Cost of our Toxic Relationship with Cars, Henrietta Moore and Arthur Kay, Wiley, 2025: <https://getroadkill.com/>

Building Bridges for Ukraine: Pathways to Sustainable Prosperity, Edited by Professor Henrietta L. Moore and Arthur Kay, Institute for Global Prosperity, UCL - Fast Forward

2030: <https://www.ucl.ac.uk/bartlett/publications/2025/jun/building-bridges-ukraine-pathways-sustainable-prosperity>