



STBA & SPAB Conference 2022

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Wednesday 12th October

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# Sustaining Buildings

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# Edinburgh



[#stbaspab2022](#)  
[#sustainingbuildings](#)

# Programme

Packed with expert presentations, Q&A and workshops sessions in retrofit and with the green agenda firmly in the eye of the public. **Keynote speaker, Roger Curtis - Head of Technical Resources, Historic Environment Scotland**, leads SPAB Scotland and STBA in bringing you a selection of speakers who will dive deeper into these topics and provide expert analysis of embodied carbon, training opportunities, estate-wide significance and much more:

**9.00: Arrival**

**9.30: Welcome - Roger Curtis, Lucy Stewart and Cypren Edmunds**

**9.50: Scottish Policy & Practice**



**11.30: Research, Education and Training**



**1.00pm: Lunch**

**2.00pm: Comfort (includes UCL Assessment and Case studies)**



**3.45pm: Interactive Workshop exploring gaps in policy and practice**



**5.00pm: END**



*Edinburgh - Kirsten Drew*

# Speakers

## **Scott Abercombie - John Gilbert Architects**

Scott leads conservation projects, BIM implementation and the development of our Tenement Toolbox initiative. He holds conservation accreditation from RIBA and IHBC. He is a director of the Alexander Thomson Society and chairs the Glasgow Institute of Architects Conservation Committee.

## **John Butler - Sustainable Building Consultancy**

John Butler is a sustainable building consultant combining practical guidance and hands-on experience with research and interrogation of data. Working in both brand-new buildings and sensitive retrofit of historical buildings, John provides Passivhaus Planning Package (PHPP) calculations and design support, life-time embodied and operational carbon calculations, and advice on suitable materials and approaches for high-comfort, low-carbon construction.

## **Kirsty Cassels - Creative Cassels**

Kirsty places importance on natural and sustainable building materials and encourages traditional building skills and crafts while exploring new products and techniques of building. A former student of the 'Building Craft

Programme', (Prince's Foundation), Kirsty is a designer whose passion for her work has taken her from Fife to Sierra Leone and back again. Kirsten has served as Vice Chair of the Scottish Ecological Design Association.

## **Roger Curtis - Historic Environment Scotland (HES)**

Roger is a chartered building surveyor experienced in the repair and conservation of a wide range of traditional and historic structures. At HES, Roger advises the public and professionals on defects, repairs and alterations to traditional and historic buildings, and has worked with Scottish Government on wider issues affecting the built environment including training, materials supply chain and sustainability.

## **Anne-Marie Fallon - Architype**

Ann-Marie is one of the UK's leading experts on Passivhaus design and has shared her experience at UK and international Passivhaus Trust conferences. Ann Marie is leading an Architype team to develop an innovative process to create compatible workflows for Passivhaus and BIM implementation; streamlining the delivery of certified projects. She has a sound working knowledge of specialist thermal bridging and

hygrothermal software as well as whole building energy modelling software.

**Nigel Griffiths - STBA** Nigel Griffiths is a sustainability and energy efficiency expert in the built environment with over 25 years' experience as a practitioner, project manager, author and consultant. As Director of the Sustainable Traditional Buildings Alliance, he works at the cutting edge of sustainability for heritage buildings. As a Principal Consultant with Ricardo, he provided practical energy efficiency, renewable energy and sustainability strategies for numerous buildings and large property portfolios. He has also worked extensively on policy development in this sector in the UK and overseas. He continues to inspect Renewable Heat installations on behalf of Ofgem, and is a lead technical expert to BEIS on the Social Housing Decarbonisation Fund. He is the author of several books including the Haynes Eco House Manual, writes for the Build-it monthly self-build magazine and is the resident sustainability expert at their UK exhibitions.

# Speakers

## **Paul Higginson - Arc Architects**

Paul is a prolific project Architect, responsible for running diverse projects from inception to completion. Passionate about the historic environment, Paul is RIAS Conservation Accredited and has delivered a wide range historic conservation projects, as well as the conversion of historic libraries, monuments and town houses to contemporary uses.

## **Caitriona Jordan - BE-ST**

Caitriona has worked on a range of projects such as Inclusive Value, Offsite Ready and Embracing Modular Innovation in Construction. Caitriona's passion is in Low Carbon including the training and upskilling in Passivhaus, EnerPHit and Retrofit.

## **Douglas Kent - The Society for the Protection Of Ancient Buildings (SPAB)**

Douglas has held surveying roles in the private and public sectors, including the military. He publishes and lectures regularly on building conservation and has contributed to various radio and television programmes.

## **Barbara Lantschner - John Gilbert Architects**

Barbara leads the deep retrofit and building performance evaluation projects at John Gilbert Architects, focusing on low carbon strategies, performance gap assessment, indoor air quality and building users engagement programmes. She also has extensive experience in Passive House projects including the Niddrie Road tenement retrofit located in the Southside of Glasgow. Barbara is also a board member of the People Power Retrofit service in Manchester.

## **Grigor Mitchell - Grigor Mitchell Architects**

Grigor is an award-winning architect and certified Passivhaus designer specialising in innovative, economic and energy efficient projects for homeowners and commercial clients. Grigor established his practice in 2009 and has a strong portfolio of work throughout Scotland, drawing on expertise developed through his own company and previously with practices in Edinburgh, Germany and Austria.

## **Athina Petsou - UCL**

Athina is a chemical and materials engineer specialised in historic buildings restoration. Experienced in multidiscipline cooperation with strong interests in sustainability in historic

buildings, thermal comfort and energy efficiency.

## **Lisa-Anne Pasquale - Retrofit Works**

Lisa is responsible for the overall strategy and direction of RetrofitWorks technical offering for domestic retrofits. She's a trained Architect and chartered CIBSE engineer, with over 10 years experience in low-energy construction and building performance. Lisa won the UKGBC Rising Star award for her work on de-risking large-scale domestic retrofits, which later became part of the national standard of domestic retrofit, PAS2035.

## **Chris Whitman - Welsh School of Architecture**

Chris is a British architect with a PhD from the Welsh School of Architecture in Cardiff, where he is currently a lecturer and course leader for the MSc in Sustainable Building Conservation. He continues to research the topic of his PhD - the distribution of historic timber-framed buildings in the UK and the impact of their energy retrofit.

# Speakers

## Workshop Facilitators

### **Ailsa MacFarlane - Built Environment Forum Scotland**

Ailsa became BEFS Director in 2021, having previously joined BEFS as Policy and Strategy Manager. She has been responsible for complex work areas within BEFS such as responding to the Planning (Scotland) Act 2019, Prioritisation work – informing the Sustainable Investment Toolkit on behalf of the OPiT Built Heritage Investment Group, and aiding understanding of sector responses to crisis through CHERF.

### **Bobby Jewell - Architects Climate Action Network (ACAN Scotland)**

Bobby is a Glasgow-based press and communications consultant with over a decade of experience working in the architecture and cultural industries. Bobby is on the Steering Group, and coordinates press, for Architects Climate Action Network (ACAN) Scotland.

### **Glo Lo - ACAN Scotland**

Gloria is Principal and owner of OiSA Designs, which delivers sustainable projects and gives clients solid, researched, knowledge-based solutions; special expertise in solar energy, daylight studies, environmentally sound specifications and solutions. With a focus on health and well-being, and holistic approach to building solutions, Gloria considers environment, climate change solutions and ergonomics as part of life-time homes.

### **Scott Mculay - ACAN Scotland**

Scott is an expert in climate emergency education and climate literacy. With Architype, Scott's focus has been on embodied carbon analysis, sustainability advice and climate action. Scott's interests in architecture lie in the opportunities that adaptation, construction, maintenance, and upgrade create to improve health and wellbeing and reduce carbon impact.

## Conference curators

### **Lucy Stewart - SPAB Scotland (Officer)**

### **Cypren Edmunds - STBA (Communication and Events)**

### **Skye Stevenson - SPAB (Education Officer)**



*Edinburgh - gunnar-ridderstrom*

# Sessions

The STBA and SPAB annual conference returns in-person this autumn for a full day of presentations.

Packed with experts and Q&A sessions in retrofit and with the green agenda firmly in the eye of the public, **keynote speaker, Roger Curtis - Head of Technical Resources of Historic Environment Scotland**, leads SPAB Scotland and STBA in bringing you a selection of speakers who will dive deeper into these topics and provide expert analysis of embodied carbon, training opportunities, estate-wide significance and much more



Loch Freuchie, Dunkeld - Leon Macgregor



## Scottish Policy & Practice

- *PAS 2035 - Scottish Overview*, **Barbara Lantschner and Scott Abercombie - John Gilbert Architects**
- *Embodied Carbon - Report*, **Roger Curtis - HES**
- *Estate wide intervention*, **Anne-Marie Fallon - Architype**



## Research, Education and Training

- *Welcome & Introduction*, **Nigel Griffiths - STBA**
- *PAS 2035 - Conflicts in implementation*, **Lisa-Anne Pasquale - Retrofit Works**
- *Case study - Building performance evaluation*, **Chris Whitman - Welsh School of Architecture**
- *Training and skills*, **Caitriona Jordan - BE-ST**
- *A Contractor's experience*, **Kirsty Cassels - Creative Cassels**



## Comfort

- *Welcome & Introduction*, **Douglas Kent - SPAB**
- *Case study - Embodied carbon*, **John Butler - Sustainable Building Consultancy**
- *Case study - Local housing*, **Grigor Mitchell - Grigor Mitchell Architects**
- *Comfort assessment*, **Athina Petsou - UCL**
- *Recent works: Retrofit and Eco Materials*, **Paul Higginson - Arc Architects**



## Interactive Workshop exploring gaps in policy and practice

- **Bobby Jewell - Architects Climate Action Network (ACAN Scotland)**
- **Ailsa MacFarlane - Built Environment Forum Scotland**
- **Glo Lo - ACAN Scotland**
- **Scott Mculay - ACAN Scotland**



**STBA**  
SUSTAINABLE TRADITIONAL  
BUILDINGS ALLIANCE

# Sustaining Buildings

**Wednesday 12th October 2022**  
**9am - 5pm**

**Location:**

**Dovecot Studios,**  
**10 Infirmary Street,**  
**EH1 1LT**

## Edinburgh



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