**Topic 1: Prioritising placemaking and wellbeing**

**Social value and its significance in creating thriving communities**

In this module, delegates will explore the concept of social value and its significance in creating thriving communities – looking at the importance of collaborating with clients and the community to achieve sustainable, ethical outcomes.

Presentation topics should ideally include one or more point from each sub-heading below:

***What does social value look like?***

* Creating places where everyone thrives
* Addressing placemaking challenges
* Woking with the client on social value outcomes

***Engagement***

* Social purpose of collaboration
* Community engagement throughout the RIBA stages
* Multidisciplinary collaboration

***Ethical practice***

* Building strong inclusive communities
* Balancing community and environmental interests

**Topic 2: Effective Health and Safety Management in Architectural Design**

**Maintaining a safe and healthy environment through effective communication**

This module should focus on identifying and mitigating potential risks and how to create effective communication with contractors to ensure measures are implemented. Delegates will learn about the importance of detailed and specific approaches to a project and a smooth handover process to maintain a safe environment.

Presentation topics should ideally include one or more point from each sub-heading below:

***Highlighting risks***

Delivering project specific Design Risk Assessments

* Approaches for representing health, safety and environmental hazards (SHE boxes on architectural layouts, separate drawings, schedule etc)

***Working with contractors***

* Engaging with third party supplier design or specialist design
* Toolbox talks - new technology or products for on-site delivery requirements
* Temporary works

***Inspection and Handover***

* Inspections and evidence of regulatory compliance
* Collating a Residual Risk Register as part of the H&S File for the Client

***Extra Content***

* A Guide to the Building Safety Act (we will update our ‘initial’ guide on receipt of legislation clarity)
* PAS 8670 – Principal Designer Competence
* RIBA PD Test (to follow late 2023)
* Principal Designer Handbook – Dieter Bentley-Gockmann
* Specifically omitted CDM Regs 2015 (L153)

**Topic 3: Demonstrating the value of sustainability: How to win clients**

**Effective strategies for client engagement in sustainable design**

This CPD should explore effective strategies for communicating with clients on the importance of considering the benefits of sustainability at project inception. Discuss potential cost savings, client engagement and market advantages.

Presentation topics should ideally include one or more point from each sub-heading below:

***Practice environmental management systems and social responsibility***

* If you are promoting sustainability in the built environment, is your practice walking the walk
* The benefit to Practice (i.e., some Clients may require this as part the bid)
* Opportunities to learn first-hand what your clients are dealing with
* Using your Practice culture to amplify your design ethos

***How to encourage considerations of climate benefits when discussing a client’s brief***

* Aiming to exceed targets, rather than meet targets and is this always increasing budgets
* Supporting a changing mind-set – new technology and approaches can be off putting
* How to navigate between innovation and risk mitigation
* Sustainability benefits and focussed design in line with the budget
* Client has any specific sustainability goals (net zero, Passivhaus, exceeding regulations, planning policy or condition compliance etc)

***Setting out fees and project scope early on.***

* Allow for costs associated with planning, building control, warranty etc (which may also help meet or exceed sustainable principles) and add to expenditure, particularly if being picked up by the architect or where the architect is to instruct the works
* Identify further specialist input subject to the design approach, including covering duties and CDM and the Building Safety Act
* Ensure the Brief is specific and timebound
* Variations can occur – clarity in the scope for what happens in this scenario
* Consider incremental scope for concept, planning, detail design and contract administration milestones, to offer fee clarity at each stage (also supports contract termination)

***Extra Content***

* RIBA’s Sustainable Business Development Toolkit
* Mass Timber Insurance Playbook
* Passivhaus Overlay

**Topic 4: How Part O impacts design: Managing programme and project costs**

**Effective project management to demonstrate that the health and wellbeing of occupants doesn't mean design compromise**

This module will examine the significance of Part O by understanding the requirements and implications so that architects can effectively manage programme and project costs to ensure the health and wellbeing of the occupant is balanced with good design.

Presentation topics should ideally include one or more point from each sub-heading below:

***Testing Methods***

* Part O is more than overheating, what should architects be aware of
* Client explainer - Simplified v Dynamic methods; advantages and disadvantages
* What in new for Clients or Contractors in requirements for evidence/ handovers?

***Pre-planning***

* What should architects consider when designing to mitigate Part O impact post consent?
* Can other considerations be made in the design to minimise detriment, or should Clients make specification allowances (such as system 4) in viabilities?
* Which testing method would be most suitable and does that vary for building type or size?
* Examples of well managed and ill-considered scenarios?

***Post planning***

* What should architects be aware of when appointed to progress a planning consented scheme?
* Can other considerations be made in the design to minimise impact (such as System 4 ventilation specification)
* Which testing method would be most suitable and does that vary for building type or size?
* Examples of well managed and ill-considered scenarios?

**Topic 5: How to deal with copyright issues**

**Protecting your practice and understanding your rights**

This module will provide essential knowledge and strategies to navigate the complex landscape of copyright and intellectual property rights. Architects will be given practical guidance on protecting themselves and their practice when incorporating or progressing designs created by others, and how to work with the client to ensure clarity.

Presentation topics should ideally include one or more point from each sub-heading below:

***Understanding copyright and intellectual property rights***

* Is there a difference between copyright and intellectual property rights?
* What is stated is standard forms of Contract (RIBA, JCT, NEC)
* What are the risks and how can they be avoided?
* RIBA Code of Conduct and moral rights

***How can you protect yourself or your practice when progressing design by others?***

* What should the Client be asked?
* What if the Client has changed?
* Getting guidance on non-standard obligations
* Value in letters of reliance?
* What are the boundaries around PI Insurance?

***Scenarios to consider, e.g.***

* Novation due to new Client post land sale
* Novation due to Contractor; Design & Build obligations.
* Previous Architect removed from Project
* Tendering at Key Milestones to develop design
* Standard house types

**Topic 6: Specifying sustainable materials and calculating carbon**

**Understanding the longer-term impact of using sustainable materials on project efficiency and the planet**

This CPD will explore the importance of understanding the environmental impact of materials and how to incorporate carbon calculations into every project.

Presentation topics should ideally include one or more point from each sub-heading below:

***Top tips to make sure you're specifying sustainable materials***

* Lean design and the importance of structural efficiency
* Standardisation and the opportunities for re-use (and carbon benefits)
* How to avoid falling for greenwash
* Longevity, maintenance and repair - understanding the impact of churn
* Alternatives to plastics - in design and on-site

***Calculating Carbon***

* Clarifying terminology: Upfront carbon, Embodied carbon, Whole Life Carbon
* Where to start and what to do
* Getting used to ranges and relative values, not absolute numbers
* Learning alongside others
* Using proxies where specific data is unavailable
* Accuracy and variability- what is the end goal?

***End of life materials – waste - recycling***

* There is no such thing as ‘away’: the impacts of waste and the carrying capacity of the UK/planet.
* Topic issues with demolition waste (Soil degradation)
* Construction waste
* Maintenance and repair waste
* Recycling as a band-aid to bigger problem
* Re-thinking our linear pathways – reaching Net Zero by 2050

***Extra content***

* RIBA Climate Guide, Mina Hasman - 2023
* The Re-Use Atlas, Duncan Baker-Brown – 2017

**Topic 7: Embedding Inclusive Design in the RIBA Plan of Work**

**Creating economically viable and socially conscious spaces**

This module focuses on integrating inclusivity principles into the design process to create economically viable, socially conscious, and environmentally accessible sustainable spaces.

Presentation topics should ideally include one or more point from each sub-heading below:

***Demystifying Inclusive design***

* The roles of the Inclusive Design consultant, champion and competence recommendations
* How Architects can support inclusion

***Best Practice process for Inclusion***

* What are the top 5 agenda items for inclusion?
* Inclusive Design activities throughout the RIBA stages

***Inclusion in contracts***

* Supporting Inclusion in Tender Issue for Contractor obligations
* Role as Contract Administrator

**Topic 8: Urban regeneration: circular economy at a neighbourhood level**

**Applying circular economy principles to contribute to social revitalisation**

In this module, we will explore the concept of urban regeneration and its connection to the circular economy. By understanding how to apply circular economy principles, architects can contribute to sustainable development, resource efficiency, and social revitalisation.

Presentation topics should ideally include one or more point from each sub-heading below:

***Encouraging durable design***

* Greening up; placemaking, flood mitigation and rejuvenation
* Rainwater harvesting; the reuse of grey water
* Embedding nature and biodiversity
* Alternatives to tarmac and hierarchy of priorities

***Urban opportunity***

* Discussions of regeneration, density and brownfield land
* Opportunities and constraints of infrastructure and services

***The Role of Technology***

* BIM
* SMART Buildings & SMART City

***Extra Content***

* SMART Building Overlay due by end 2023

**Topic 9: Improving environmental performance of heritage buildings**

**Sustainably preserving architectural heritage**

This CPD will explore strategies and methods to measure embodied carbon, energy modelling techniques, and the principles of PassivHaus design. The module will focus on equipping architects to preserve our architectural heritage while minimising environmental impact.

Presentation topics should ideally include one or more point from each sub-heading below:

***PAS 2035***

* Architect’s role(s) in retrofit
* Competence
* Managing a whole house approach with stepped delivery

***Closing the gap on energy performance***

* How do we measure embodied carbon
* Methods of Energy Modelling, PassivHaus
* Taking on EPCs in traditional buildings
* Moisture, ventilation, insulation – a delicate equilibrium

***Retrofit constraints on heritage buildings***

* Listed Building status
* Area designations
* Material specifications
* Budgets

***Extra Content***

* IHBC Guidance Notes ‘Retrofitting of Traditional Buildings’ GN2022/2-March 2022
* Sustainable Traditional Buildings Alliance (STBA) ‘Guide to Energy Retrofit of Traditional Buildings’
* Historic England ‘Energy Efficiency and Historic Buildings’ (series of guides)
* Historic Environment Scotland ‘Short guide 1: Fabric Improvement for energy efficiency 2013’

**Topic 10: Making the most of AI in process management**

**Streamlining practices long-term using changing technologies**

This CPD will look at how architects can leverage AI technologies to streamline and enhance their process management practices – now and in the future. From automating tasks to data analysis, delegates will discover the potential of AI in improving efficiency, accuracy, and decision-making in architectural workflows.

Presentation topics should ideally include one or more point from each sub-heading below:

***How can architects embrace AI opportunity?***

* Design bids and mood boards
* Supporting detailing
* Learning, development and education

***Maintaining the value of an architect in an AI world***

* Ensuring AI is seen as added value and not diminishing architect’s education, skills and experience
* Supporting detailing
* Learning, development and education

***How might AI evolve in the future?***

* Legal and insurance considerations
* Technology interactions