

Viritopia Limited



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CPD Overview

Viritopia is the World's leading living wall specialist, having completed over 1,800 projects in 29 countries. Combining horticultural and architectural expertise, Viritopia harnesses the power of green infrastructure to improve urban biodiversity and ecology, enabling architects to achieve and meet strict environmental standards and regulation.

Even where space is scarce there is potential.

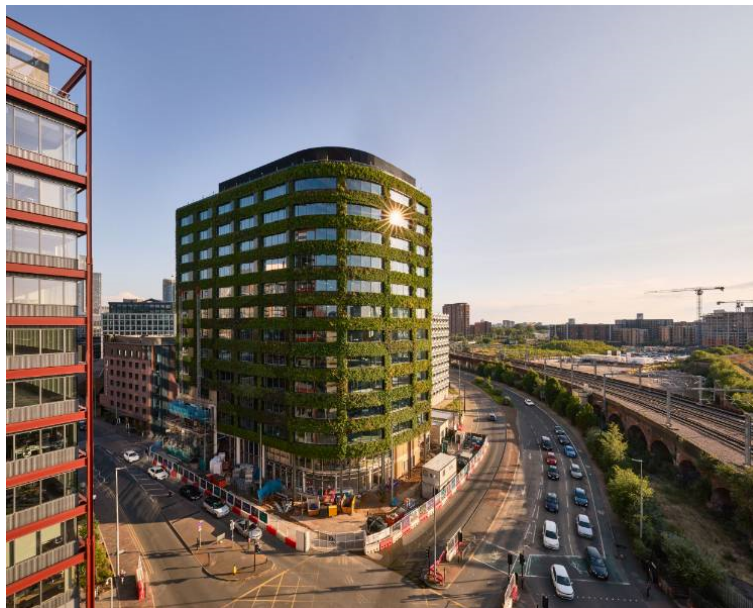
With 100% natural greening systems founded on organic soil and live plants, the Viritopia solutions bring a range of benefits including air purification, sound absorption and increased biodiversity.

What do we do?

Our living walls are used as biodiverse vertical gardens, to support better air purification or enhance a social space. Internally, they can be used to promote well-being or simply create a stunning design statement. Where space is at a premium an organic living wall is the perfect solution to provide valuable ecological benefits and create a long-term environmental asset.

Our living roofs can be designed for any roof type, on domestic or commercial properties. Whether you want to create a full roof garden, wildflower meadow or just improve an overlooked area, we can design for that purpose. Systems we work with include biodiverse or brown, extensive, semi-intensive, and intensive green roofs.

Maybe you're not at this stage yet but need advice on how to achieve environmental regulation or meet standards on-site. With our combination of horticultural and practical construction knowledge, we can advise on what systems, designed in a certain way, will enable you to meet these targets. Alongside this we can share indicative designs and costs, so you can get a full idea of what's required to comply.



Available CPD Material (5)



Multiple formats

Incorporating Green Infrastructure to Achieve BNG & UGF Targets

With Biodiversity Net Gain becoming mandated law in January 2024, and with the Urban Greening Factor applied to many cities across the UK, this presentation aims to highlight how green infrastructure could be applied to the urban environment to achieve these targets.

This presentation will look at the various methods of applying green infrastructure ie a green roof, a modular living wall system, a Green wall (climbing plants), Bioswales and Rain gardens. With each of these items we shall address the construction, planting, Biodiverse units delivered per ha, irrigation systems and fire regulations (where applicable).

We will discuss the Urban Greening Factor. What is it? Where is it applied? The unit scores per item installed, and How to calculate your UGF score

Material type:

Online Learning, Seminar

RIBA Core Curriculum:

Design, construction and technology
Sustainable architecture

Knowledge level:

General Awareness



Biophilia, Evidence-Based Design and Integrating Plants for Longevity

What does Florence Nightingale have to do with design? Why do workers who have no view of nature take more sick leave? In this session, you'll learn about the three pillars of biophilic design, the social and economic effect of biophilia, why hospitals are designed as they are, the introduction of evidence-based design (EBD) and how it's our responsibility to design our future.

After this we'll take a look at the technical side of integrating nature into our interior designs and the four principles that allow you to design for long-term success.

Material type:

Online Learning

RIBA Core Curriculum:

Design, construction and technology

Knowledge level:

General Awareness



How and Where to Design a Living Wall to Meet Fire Regulations

Covering how living walls are fire tested and breaking down what a system's rating really means. More importantly, we'll discuss where living walls can and can't be used, things to watch out for in the market and design amendments to improve fire safety.

The aim is for you to leave this session with a better understanding of fire safety around green walls, and where and how you can design them into your projects safely.

By the end of the CPD you should have a greater understanding of:

- The 4 steps to a fully compliant living wall installation.
- How living walls are fire rated
- What a fire rating is and how to explain it
- How to spot bad practice in the market and an increased awareness of it
- How you can use certain design amendments to improve the fire safety of a living wall

Material type: Online Learning

RIBA Core Curriculum: **Design, construction and technology**
Health, safety and wellbeing

Knowledge level: General Awareness



Integrating Green Infrastructure to create Long-lasting Environmental Assets

A consolidated view of the results of integrating green infrastructure for the environment, economy and society, backed by data and case studies. From the roofs to the walls and perimeters of buildings, let's look at the opportunities for greening even in the more complex scenarios. We'll discuss how greening systems can be designed for varying purposes such as biodiversity, biophilia or air quality, and find out how design influences whether you meet environmental regulations such as BNG or UGF. By the end of the session, you'll understand and be able to apply the principles underlying a long-lasting environmental asset.

Upcoming sessions are listed here: <https://bit.ly/3usdzxq>

Material type: Online Learning

RIBA Core Curriculum: **Design, construction and technology**
Sustainable architecture

Knowledge level: General Awareness



NLU - Designing Green Infrastructure for a Specific Purpose The Role of Plants

Whilst soil at the foundation of green infrastructure is usually our primary focus, we are going to take this time in this CPD to highlight the other side of what's behind long-term success: the plants.

The right plant selection is the other piece of the puzzle that together with soil, ensures longevity. Considerations like aspect, elevation, client's vision, purpose, climate and exposure are all important, but this is just the first layer of success.

There are two other layers to take your installation from just surviving to fulfilling a greater purpose in the long-term. We draw on horticultural knowledge, experience on different projects and case studies to explore these three layers, looking at how plants hold a hugely important role in creating a long-term sustainable solution and fulfilling the true purpose of a greening scheme.

Material type: Online Learning

RIBA Core Curriculum: **Design, construction and technology**

Knowledge level: General Awareness

Classifications

Subject/Product Areas (CI/SfB)

Finishes

Roof finishes > Roof garden systems

Special activities, requirements

Green applications, resources; sustainability > Flat roofing membranes

Green applications, resources; sustainability > Sustainable wall materials

RIBA Core Curriculum areas

Design, construction and technology

Knowledge level: *General Awareness*

Sustainable architecture

Knowledge level: *General Awareness*

Health, safety and wellbeing

Knowledge level: *General Awareness*