



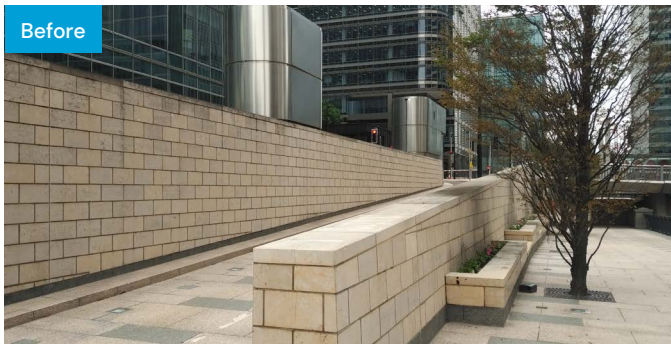
Canary Wharf Living Walls

London, United Kingdom

Project Case Study

Client: Canary Wharf Group

Installed: 2021



Biotope delivered living walls in six prominent locations across the Canary Wharf estate to enrich the public realm and contribute the client's ambitious sustainability goals. Using our freestanding, stackable and modular system we were able to deliver a big impact within a short timeframe.



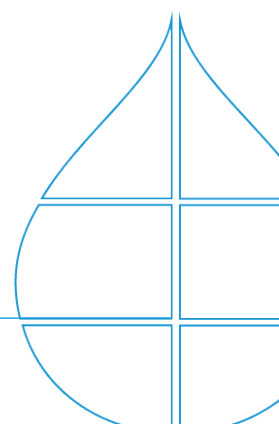
Highlights

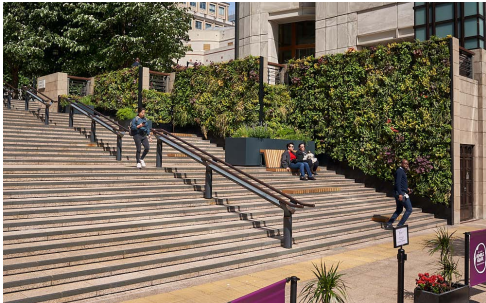
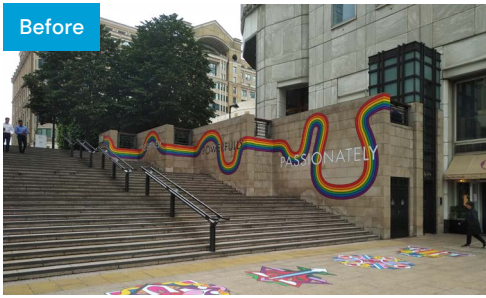
- ◆ Supports the client's wider urban greening strategy and biodiversity action plan
- ◆ Creates positive first impressions and enriches the public realm
- ◆ Freestanding, stackable and modular PlantBox system
- ◆ Fast delivery – 8 weeks between initial visit and installation
- ◆ Future proof – can be moved or extended
- ◆ Only restraint fixings required
- ◆ 360 square metres of PlantBox around the estate.
- ◆ 3,000 PlantBoxes – 12,000 plants

Project Details

Over the last 20 years London's Canary Wharf has transformed from a derelict dockland into a thriving business centre and lifestyle destination. Canary Wharf Group (CWG), who own and run the Canary Wharf estate understand that the world can't become sustainable unless cities start working with nature and they are working hard to play their part. CWG has an ambition to use the Estate as a living test bed, creating places where nature and people can thrive together.

Biotope were commissioned to contribute to that vision by delivering a number of living walls across the Canary Wharf estate to enrich the public realm and create a pleasant and relaxing environment for workers, residents, and visitors. The living walls at Canary Wharf will also help to improve air quality, attenuate rainwater, and increase Biodiversity.





Our Approach

Biotechure worked with the client to design and install living walls in seven prominent locations across the Canary Wharf estate, including key gateways and entrances. The living walls were constructed using our PlantBox system, which is freestanding, stackable and modular.

We were able to offer a fast turnaround, with the first walls installed just eight weeks after our initial visit. Our project team created visualisations to ensure the client fully understood our proposals and what we could achieve. The PlantBox troughs were planted up in our nursery before being installed on site in several phases. This ensured the living walls looked great from day one.

The PlantBox System

Launched by Biotechure 2020 PlantBox is an alternative to our integrated BioPanel living wall system.

Ground bearing: The system is loadbearing and only requires restraint fixings, this meant that the living walls at Canary Wharf didn't need structural approval which allowed us to offer a fast turnaround.

Futureproof: As a modular system PlantBox can be extended, reconfigured or moved allowing flexibility for the future. Biotechure are also working on a design for biodiversity boxes which can be retrofitted into the living walls which will help clients contribute to biodiversity net gain.

Low Maintenance: Each PlantBox trough has a 1.8L water reservoir and capillary felt allows plants to draw up the water they need. The cascading overflow system allows the walls to be watered easily and avoids the risk of overwatering and water wastage. On larger projects irrigation systems can be integrated.

