At the beginning of 2016, we set out to deliver an exemplar small-scale, sustainable office refurbishment.

Thanks to the collaborative efforts of our design team and the generosity of our suppliers, we now have an office that features innovative design and engineering solutions, showcases a low-carbon approach to construction, and provides a healthy space for our team, members and visitors.

Here’s what we achieved and how...

**Living wall supplied by ANS Global**
Features over 1589 plants of 12 species - designed to support occupant wellbeing through biophillic design, whilst helping to improve the local air quality in the space.

**Marmoleum flooring by Forbo**
Hard-wearing, biodegradable flooring made from simple, natural ingredients with no plasticisers, phthalates or mineral oil.

**Enclosed photocopying area with extract**
New photocopier room created with its own ventilation to protect the team from harmful VOCs.

**Ductwork by Spiralite**
Light weight, low carbon and thermally efficient ductwork to provide fresh air to the meeting rooms.

**Glazed partitions to meeting room and phone booth**
Reused glazed partitions from previous fit-out of the space.

**Private ‘phone booth’**
New sound-proof phone booth for private calls - adding to the diversity of working environments for all types of work and personality type.

**Paint by Dulux Trade**
Variety of innovative coatings, including one paint that contains 80% recycled content.

**Repurposed furniture by Rype Office**
Second-hand furniture from across London repurposed and upcycled.

**Height-adjustable table**
Healthy and ergonomic sit-stand table within the break-out area providing a variety of working environments within the space.

**Mechanical ventilation with heat recovery by Mitsubishi Electric**
New mechanical ventilation unit to ensure adequate fresh air provision to the meeting rooms, with local controls for occupant comfort.

**Breakout**
Flexible space
Window desks and banquet seating introduced to increase the amount of flexible work space available to the team.

**Breakout boards and Breathaplasta by Adaptavate**
Breathable and Breathaplasta by Adaptavate
Made from bio-aggregate mixed with low carbon mineral binders, this all-natural plaster and plasterboard solution is used in key locations as an alternative to conventional materials.

**Window fans by Vent-Axia**
Additional fresh air drawn through the secondary glazing, avoiding the need for extensive new ductwork.

**LED Lighting by Philips, design by 8Point3**
Greater consistency and a better quality of light, all efficiently delivered using new LED fittings.

**Acoustic baffles by Autex**
Made from 65% post-consumer recycled material, these lightweight panels around the AC units soften sound in the office space and help to diffuse the conditioned air.

**VRF/MVHR units by Mitsubishi Electric**
Existing air conditioning units reused to avoid the embodied carbon impacts of new equipment.

**AirMaster Carpet by Desso**
Innovative structure with yarns of varying size to capture and retain particulates from the air, helping to improve air quality.

**Moss wall by ANS Global**
Designed to support wellbeing through the introduction of a biophillic element in the boardroom.

**Whiteboards**
Repurposed glazing from previous fit-out of the space.

**Future proof - 99% waste avoided by re-covering rather than replacing existing office chairs.**

**Planting**
Air-cleaning plants (Philodendron Scandens and Nephrolepis) help to filter the air and enhance wellbeing.

**Quality new furniture by Steelcase**
High quality furniture with great sustainability credentials supplied to the WorldGBC space and the new boardroom.

**22% decrease in carbon emissions from lighting**
Embodied carbon footprint 22% below a comparable “standard” fit-out and the lowest ever recorded in the UK.

**98% increase in background fresh air provision**
of construction waste diverted from landfill
of original fixtures and finishes reused or repurposed

---

SPECIAL THANKS - WINKWORTH SHERWOOD, MLM, TASS, HONEYWELL, MOBILE COMPACTOR SERVICES LTD.