

# Strengthening our commitment to sustainability at the Leeds Drapers Yard Clinical Research Unit (CRU)

At Fortrea, our mission to help make life-changing healthcare solutions possible extends beyond the realm of clinical research. We believe making a difference throughout the world includes careful environmental stewardship through sustainable practices, energy efficiency initiatives, waste reduction and responsible resource management.

Our Drapers Yard Clinical Research Unit (CRU) in Leeds, UK, is a remarkable example of our commitment to sustainability at the facility level, driving positive change for study participants, our community and our environment.



## Environmental sustainability highlights at Drapers Yard in Leeds, UK

By re-developing an older building, Fortrea cut out the carbon emissions associated with demolition and new construction. The 100-bed CRU facility and cGMP pharmacy achieved a rating of "Very Good" from BREEAM, a UK-based environmental certification system. The site's features and initiatives include:

- Efficient energy management systems
- Thoughtful designs to maximize sunlight throughout the building
- Improved indoor air quality with filtration and indoor trees
- Electric vehicle charging stations and cyclist facilities
- Water conservation systems
- A green roof with native plant species and bat boxes
- An emphasis on locally sourced building materials and responsibly sourced furniture
- Reduction of clinical and office waste

## **A state-of-the-art facility built with sustainability in mind**

Many facets of the Leeds Drapers Yard CRU were designed to minimize the use of resources by:

### **Employing energy-efficient systems**

- Energy meters installed on distribution circuits help drive down overall energy consumption
- Low-energy lighting
- Efficient heating and hot water production
- Rooftop photovoltaic panels

### **Reducing water consumption**

- Systems and efficient appliances for reduced internal potable water use
- Low-volume and dual flush toilets, low-water showers and aerated/spray taps
- Site-wide water metering and leak detection systems

### **Encouraging lower-impact transportation methods**

- Cyclist facilities offer secure bicycle storage, shower rooms, changing spaces and personal lockers
- Two motorcycle parking spaces
- Charging stations for 14 electric vehicles

### **Promoting ecology and biodiversity**

- Bat boxes (artificial roosts) on the building
- Native plant species in the rooftop garden

### **Responsibly sourcing and repurposing materials and furniture**

- Building and fit-out materials were sourced as part of a sustainable procurement plan
- Product certifications were assessed according to ISO standards of responsible sourcing of materials
- Local materials and products were sought in sourcing
- Chairs are made from 100% recycled materials and fabrics are made from recycled plastic bottles
- Furniture from our previous sites was either reused in other projects, re-purposed or made available to staff
- £36K of office furniture was donated to charities, Waste to Wonder and PhysioNet, saving 36,296 kg of carbon emissions and allowing for reuse



Measuring the impact of our waste reduction efforts

| Sustainable initiative                                                                    | Environmental impact                                                                              |
|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| Offensive and infectious waste streams have replaced all clinical waste being incinerated | ~42% cost savings<br>Reducing ~523 kg of carbon emissions per year                                |
| A chemical-free cleaning solution                                                         | Reducing plastic waste and waste removal costs<br>Reducing ~398 kg of carbon emissions per year   |
| Bio bins and reusable sharps                                                              | Reducing ~2.75 tons of carbon emissions per year                                                  |
| Continuous waste bin liner system                                                         | Reducing plastic waste                                                                            |
| Reduced printer use                                                                       | Reducing paper use by ~60%, reducing energy use by ~2,920 kWh per year and saving ~£2000 per year |
| Reusable coffee and water containers for permanent staff                                  | Reducing ~3 tons of carbon emissions per year                                                     |

Our accomplishments and ongoing initiatives at the Leeds Drapers Yard CRU reflect our commitment to sustainable facilities and operations that improve environmental health as we advance healthcare innovation throughout the world.

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