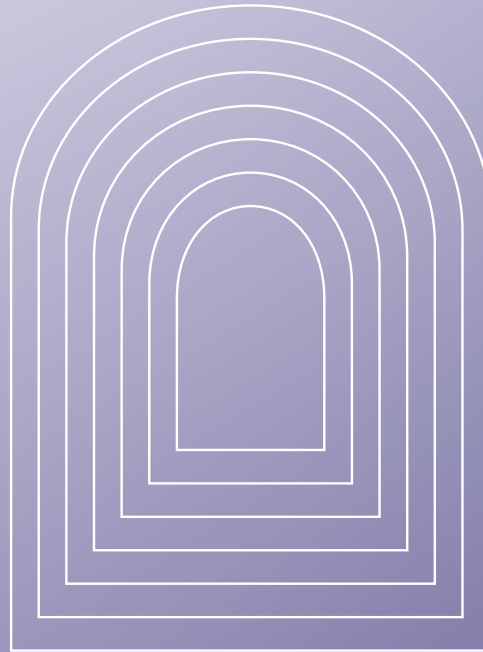


# THE ARC

EC ONE



*the*  
OFFICES

*the*  
CYCLE HUB



# THE CYCLE HUB

It's not just The Arc's gym or 7th floor terrace that let you embrace an active lifestyle. The Cycle Hub, easily accessed at street level via a ramp from Shepherdess Walk, is a dedicated space for cyclists, complete with 237 bike spaces, as well as showers and lockers.

It means peace of mind, comfort and convenience whether you're commuting, exploring or simply blowing away the cobwebs now and then.



# THE CYCLE HUB



*Innovative,*  
**SUSTAINABLE**  
*& creative*



*Triple*  
CERTIFIED



*Triple certified:*  
**BREEAM EXCELLENT**  
**WELL GOLD**  
**DGNB GOLD**

**BREEAM EXCELLENT\*\*\*\***

BREEAM rates environments that enhance wellbeing, protect natural resources and create valuable property investments.

**ENERGY EFFICIENT**

The Arc is an all electric building utilising ASHP making it over 30% above Part L<sub>2</sub> Requirements

**SUSTAINABLE ARCHITECTURE**

The Arc's building fabric and heat and cooling system work in tandem to give an efficient design and operation, optimising heating via the use of ASHP's. The L5 and L7 roof terraces reinforce the environmental-friendly qualities of the building. L7 utilises a Blue roof system for the reuse of Grey Water within the building.

**WELL 'GOLD'-CERTIFICATION**

WELL certifies buildings that increase the health, commitment and productivity of all employees.

**AIR QUALITY**

The ventilation system guarantees minimum 15L/per Sec per person greatly exceeding today's standard. Windows are also openable to allow users additional control over their heating/cooling.

**LIGHT**

The building's design provides an abundance of sunlight through the windows but also helps to control solar gain. Artificial light is 100% LED.

**AMBIANCE**

The carefully considered design creates a comfortable atmosphere and contributes to the wellbeing of employees.

**OTHER CATEGORIES**

The Arc excels on so many levels: water consumption, thermal comfort, physical exercise, healthy food, mindfulness, community and wellbeing.



# DGNB ‘GOLD’-CERTIFICATION

This objective assessment inspects up to 50 criteria in 6 categories to rate the building’s sustainability over the entire life cycle.

## ENVIRONMENTAL

Keeps out hazardous substances.

## ECONOMIC

Secures the market value.

## SOCIAL & CULTURAL

Offers secure and functional spaces.

## TECHNICAL

Integrates advanced techniques, particularly in ‘green’ energy.

## PROCESS QUALITY

Determine the operational costs.

## SITE QUALITY

Evaluate the building’s interaction with the surrounding environment.

# CO<sub>2</sub> AND ENERGY NEUTRAL OFFICE ENVIRONMENT

A fully electric building, The Arc’s carbon emissions are 30% lower than its multi fuel operated cousins. Combined with low energy heating and cooling ceiling system, cutting edge electric heat pumps and the highest possible grade insulation and glazing, it makes your carbon footprint one less thing to worry about.

Certificate	BREEAM —EXCELLENT Worldwide acknowledged label	WELL —GOLD Encompassing scientific basis	DGNB —GOLD Complete life cycle analysis
Criteria	<ul style="list-style-type: none"> <li>• Management</li> <li>• Health &amp; wellbeing</li> <li>• Energy</li> <li>• Transport</li> <li>• Water</li> <li>• Materials</li> <li>• Waste</li> <li>• Land use &amp; ecology</li> <li>• Pollution</li> </ul>	<ul style="list-style-type: none"> <li>• Air</li> <li>• Water</li> <li>• Thermal comfort</li> <li>• Sound</li> <li>• Nourishment</li> <li>• Materials</li> <li>• Light</li> <li>• Mind</li> <li>• Movement</li> <li>• Community</li> </ul>	<ul style="list-style-type: none"> <li>• Environmental quality</li> <li>• Economic quality</li> <li>• Sociocultural &amp; functional quality</li> <li>• Technical quality</li> <li>• Process quality</li> <li>• Site quality</li> </ul>
Benefits	<ul style="list-style-type: none"> <li>• -40% energy costs</li> <li>• +22% property value</li> <li>• -26% maintenance costs</li> </ul>	<ul style="list-style-type: none"> <li>• +18% productivity</li> <li>• +25% mental &amp; mnemonic health</li> <li>• -8% absenteeism</li> </ul>	<ul style="list-style-type: none"> <li>• 80% reuse of materials and resources thanks to circular building</li> <li>• +28% economic life span</li> <li>• -40% renovation costs due to flexible office spaces</li> </ul>





