

BSkyB Meeting Centre

Environment and Sustainability Management



Scope of Works

Throughout 2013 KLH Sustainability has provided technical support and assurance to BskyB. BskyB are currently investing to consolidate their Hounslow Campus.

The first building to be constructed as part of this ambitious project is the Meeting Centre which commenced on site early 2013 and is due to complete Spring 2014. A 6900m² (GIA) steel frame structure with composite concrete floor. The Meeting Centre will include office spaces, a restaurant, conference suites, shower and changing rooms spread over three floors.

KLH Sustainability has been engaged to ensure the building meets its sustainability objectives and to devise a campus-wide Sustainable Development Strategy which is informed by lessons learnt and opportunities identified through this first phase of works.

Client
BskyB

Architect
AL_A

Engineer
Arup

Contractor
Lend Lease

Year
2013/14

Outputs

Strategic guidance

KLH has developed a set of policies and guidance documents to support the delivery of sustainability objectives including:

A clear procedure to support the design team in the evaluation and selection of key building products and materials.

A deleterious material policy which endeavours to reduce the health risk to site operatives and building users through the identification and elimination of key hazardous chemicals traditionally found in construction products.

Monitoring and on-going support

KLH conduct weekly meetings with the contractor to ensure the sustainability requirements are well understood and communicated throughout the supply chain. These technical support meetings are supplemented with regular site visits to ensure exemplar environmental performance on site.

Outcomes

Embodied carbon savings

There has been an estimated 300 tonnes reduction in the embodied carbon of the building through increasing cladding recycled content, using low carbon concrete etc... In the substructure alone, 34 tonnes of CO₂ have been avoided by incorporating cement replacements above the industry average.

Healthy indoor environment

Particular care has been given to the selection of paint, sealant, carpet and other flooring to be installed in the Meeting Centre. These products are all potential sources of harmful chemicals that can contribute to poor indoor air quality.

Continuous improvement

KLH's engagement with the Meeting Centre team has raised the awareness of sustainability within the project team and client body. KLH are also developing a comprehensive Sustainable Development Strategy for the Campus with supporting technical guidance, informing tender procedures for selection of future principle contractors and undertaking design reviews for the second phase of Campus development.



South Elevation, Meeting Centre