

Environmental Perspectives

Project Experience – Woodberry Down

This major regeneration scheme in North London for the London Borough of Hounslow is for the masterplanning and creation of a sustainable community for upto 4500 homes on a 220ha site.

This mix of tenures include private as well as social and key working homes, and provided an opportunity to implement a range of sustainable development options into the evolving masterplan.

Innovative energy strategies included solar heating, and ground source heating and cooling, with sustainable urban drainage systems (SUDS) and reed bed cleansing providing a combined drainage and runoff solution for the site. The creation of 'green ecological networks' and wildlife corridors provide a site that integrates into the green urban setting, enhancing the wildlife value of the site and environs.

It enabled Berkeley Homes to create a scheme that embodied the practical means of sustainable development.



Environmental Perspectives undertook the ecological survey, and environmental masterplanning for the creation of wildflower meadows, nectar rich butterfly and bee gardens, and areas for birds to create the feel of an 'urban forest'.

We also outlined the potential renewable energy options, with input into the sustainable design of the building fabric and orientation. BREEAM & EcoHomes assessments were also carried out with advice and input being given to the design teams on how to achieve the EXCELLENT targets.