

Project Blue Planet

The completed £50 million scheme, G Park Blue Planet at Chatterley Valley, is the first development in the world to be awarded the BREEAM "Outstanding" rating (design stage). This is the highest sustainable accolade available in property development and reflected that the scheme scored an average of 85.4% under the tough 2008 ratings for environmental performance. 100% of the energy and heat is supplied by renewable sources.

The scheme was developed by Gazeley, a global provider of sustainable logistics space, in partnership with Newcastle Borough Council, and Advantage West Midlands (AWM) to create the world's greenest logistics development as part of the first phase of the wider development of Chatterley Valley. The overall development of Chatterley Valley Park is a joint venture between AWM and the North Staffordshire Regeneration Zone, Newcastle Borough Council, Stoke-on-Trent City Council, and Staffordshire County Council. The final development of the site is intended to create a total of 4,000 jobs.

Environmental achievements:

- BREEAM outstanding construction standard
- Use of recycled material in the construction
- Commitment to an environmentally and socially ethical supply chain
- Provision of combined heat and power plant using bio fuel, both for heating the units and providing power to supply 650 houses off site
- Roof lights designed to eliminate night time light pollution
- Kinetic plates which capture energy every time a vehicle enters or leaves the site
- Grey water recycling
- Creation of new wildlife habitats on site
- A dowry to fund a public body to look after the landscape in perpetuity
- Development targets zero waste sent to landfill
- Thermally efficient buildings with air tightness and thermal insulation
- Efficient systems for further building energy reduction, utilising cutting edge lighting, maximum use of natural light, under floor heating, and an energy panel wall