

## Sustainability

Arcus provides a range of sustainability assessment services including:

- Inputs to BREEAM Assessment
- Inputs to Code for Sustainable Homes Assessments
- Mandatory Performance Requirements Information (CSH)
- Drainage Impact Assessments
- Sustainable Urban Drainage System (SUDS) Strategies
- Surface Water Run-off (Sur 1 and Sur 2)
- Flood Risk Assessments
- Drainage Detailed Design
- Rainwater Recycling
- Remediation of Brownfield Sites
- Materials Management Plans
- Waste Minimisation
- Landscape and Habitat Management Plans

Incorporating the principles of sustainability is a core part of Arcus' planning, design and Environmental Impact Assessment work. We provide a range of sustainability services to the housing and commercial building sector and have a strong track record in helping our clients gain credits under the Code for Sustainable Homes. Our team has in-house expertise in ecology, management of waste materials, drainage and flood risk and can provide all the information that a BREEAM Assessor would require to award credits to your sustainable development.

In addition, Arcus staff understand the need to maximise the reuse of materials on site and have proven ability to undertake innovative development schemes involving reuse of soils, materials management planning and remediation of organic and non-organic contaminants.



## Selected Projects

### **Swainsea Lane, Affordable Mixed Residential Development, Pickering, North Yorkshire.**

Arcus helped the developer maximise ecology-related CSH credits and safeguard groundwater for several affordable housing developments near Pickering.

### **Sustainable Homes Development, Ruislip, London.**

Arcus assisted the developer in gaining Sur 1 and Sur 2 credits as part of Mandatory Performance Requirements under Category 4 of the Code for Sustainable Homes. Arcus provided surface water run-off calculations using Micro Drainage software and provided a Flood Risk Assessment, which included assessing flooding from fluvial, groundwater, surface water (pluvial) and sewer sources.

### **Urban Splash, Commercial and Residential Development, Manchester.**

Arcus team member provided bioremediation, cement solidification and soil recycling advice to the developer to ensure that no soil was exported from site.

### **Overton Farm, Falkirk.**

Appointed as Project Manager under an NEC3 contract to deliver £12M infrastructure contract to serve a new housing development in Falkirk comprising major earthworks, drainage, SUDS, roadworks and bridge construction for 1000 units.

### **People for Places, Social Housing Development, Blackburn.**

Arcus staff were involved in preparing and implementing Materials Management Plans (under the CL:AIRE Code of Practice) for four separate housing development projects.

### **Emberton Solar Array, Milton Keynes.**

Arcus developed a landscape and habitat management plan to provide long-term, sustainable natural heritage benefits to complement a major solar PV development.

