



# Welcome to EnviroCentre

First-class consultancy services on a whole portfolio of environmental issues.



In today's society, the environment is carefully managed through a plethora of increasingly difficult guidance and regulations. It takes a team of highly dedicated specialists to deal effectively with the complexity of these regularly changing requirements. To fully comprehend, and appropriately manage, all the environmental liabilities, arising out of increasingly stringent environmental legislation, takes people who can use applied research in the real world.

It takes an organisation like EnviroCentre – a well established leading consultancy with a hand-picked team of expert consultants working across a wide range of disciplines with links to industry, governments, commerce and academia.

Since its foundation in 1995, EnviroCentre has acquired a track record of success on a wide range of major projects, both public and private, in the UK and internationally. Our reputation has been built upon first-class knowledge and innovative research applied in a wholly positive way. Our goal is to ensure that businesses, institutions and the environment all emerge as winners.

Through specialist knowledge, EnviroCentre can provide a valuable service to any organisation ranging across; Blue Chip companies, independent traders, large development consortia, small private developers, government development agencies, academia, educators, and the industry professionals tasked with the implementation of policies and strategies.

EnviroCentre has a proven track record of helping organisations turn environmental obligations into commercial opportunities. For the bespoke tailored route to a complete environmental management service, EnviroCentre has the people, the knowledge and the experience.

development services 03

sustainability services 05

catchment management 07

# Development Services

Providing innovative, value added, solutions which support responsible development in our environment.



When it comes to new developments the appropriately timed consideration of environmental issues is of paramount importance. Without the right level of expertise, areas such as site assessment, site clearance and demolition, waste management, contamination clean up, hydrological, ecological and sustainable construction can bring a significant degree of unnecessary cost and uncertainty to the planning processes.

EnviroCentre has the in-depth knowledge and experience needed to comply with existing and recent policy. EnviroCentre's established practitioners can work as part of the project team, both on site and from offices across the UK, to provide realistic and affordable solutions to even the most complex problems.

From the innovative assessment and remediation of contaminated land, to assisting the planning process through the preparation of comprehensive Environmental Impact Assessments, our specialists can advise on and add value to every kind of development. Our specialists have the negotiating expertise necessary for liaising with statutory consultees and other stakeholders, and the communication skills needed to facilitate understanding and gain commitment from multi-faceted development consortiums.

### **Selected Areas of Expertise**

- Preparation of Environmental Impact Assessments and environmental statements
- Investigation and detailed quantitative risk assessment (D-QRA) of regeneration sites
- Design and supervision of contaminated land remediation works
- Skilled liaison and negotiation with stakeholder groups including statutory consultees and regulators
- Sustainable construction including promoting the use of recycled and secondary materials
- All media monitoring (gas emissions, air quality, water and soils)
- Noise monitoring and modelling
- Background air quality and process emissions modelling
- Flood assessment and sustainable urban drainage design (SUDS)
- Water supply
- Appropriate Assessment (AA) for designated sites
- Ecological assessment and biodiversity studies including mitigation design
- Specialist surveys and advice for flora, fauna and aquatic species

# Sustainability Services

Advanced solutions that encourage resource efficiency and sustainable practice



In creating communities that will leave a good quality environment for following generations, energy, waste and resource management are the key issues. At EnviroCentre our approach is a totally integrated one in which we can provide all the services required for sustainability.

We work with clients in both the public and private sector, and have acquired a vast bank of knowledge and expertise through developing a wide range of national and international projects, covering areas as diverse as sustainable construction, resource flow analysis, renewable energy, ecological footprinting and industrial ecology.

It is this ability to take the total overview which makes EnviroCentre unique. We can help your organisation develop an overall sustainability policy as well as deal with the details of data collection and analysis. We are actively involved in education, providing courses at every level from the classroom to the boardroom, making EnviroCentre a comprehensive knowledge source for addressing all sustainability issues.

### **Selected Sustainability Specialisms**

- Waste management services including facility design, regulatory support, securing infrastructure grants and environmental monitoring.
- Materials resource efficiency through construction supply chain management and the development of planning guidance to support sustainable construction.
- Applied Industrial Ecology, including eco-industrial park development, industrial symbiosis, technology appraisal and infrastructure modelling
- Strategic Environmental Assessment (SEA) capacity-building and implementation support
- Waste and resource data collection, analysis and evaluation to inform the development of policy, commercial strategies and industrial processes.
- The provision of Continuing Professional Development (CPD) training, through the delivery of internally developed education programmes and resource materials
- Sustainable energy services, including support towards the application of micro-renewable, hydro and wind farm projects.
- Support towards the implementation of government policies, such as green industry/jobs, through market assessments, feasibility studies and economic analyses.
- Applied research in the built and natural environments
- Carbon accounting and mitigation advice
- Waste characterisation and assessment
- Providing life cycle modelling and decision support
- Offering appropriately qualified Expert Witness services

# Catchment Management

Expert analysis and advice on the management of land and water resources



The effective management of water resources inevitably involves seeing the whole picture – the water itself, the human element and the environment. What's more, with the Water Framework Directive, environmental issues have moved centre stage.

As a result, this means a new approach to land and water management is now needed, which is precisely where EnviroCentre's services can make a substantial contribution. EnviroCentre has years of experience in catchment management from the hydrological, fisheries and environmental perspectives, and our expertise allied to computer modelling to assess water flow and quality provides the firmest basis for decision making.

EnviroCentre offers a whole range of skills in surveying, assessment, design and monitoring, and because stakeholders, such as landowners and farmers, play a significant roll in catchment management and water control issues , we also engage in public interaction and the delivery of training workshops. For many, taking ecology into account within catchment management is new territory, but EnviroCentre is already deeply involved in, and well equipped to, address this challenge.

An integral part of controlling a catchment is the effective management of ports and estuaries. EnviroCentre has a considerable track record in the assessment and control of all catchment discharges, especially in the field of dredging and disposal of sedimentary deposits.

### Comprehensive Catchment Management Support

- River modelling and flood plain mapping
- Hydrological, hydrogeological and hydroecological assessments
- Specialist surveys, including electrofishing, macrophyte, macroinvertebrate, freshwater peal mussels and other aquatic species
- Fish stocks management including the design and construction of fish pass and river easements
- Monitoring of water quality, surface and groundwater levels, and water flows
- Engineering design, including river restoration and flood alleviation
- Water resource assessment
- Support for processes such as the Controlled Activities Regulations including securing authorisations such as abstractions, discharges and engineering works
- Engagement of stakeholders and the public, together with the provision of training workshops
- GIS data management and analysis including 3D catchment visualisation
- Groundwater assessment, contaminant transport and coastal modelling
- Risk assessment for dredging and disposal of contaminated sediments



EnviroCentre's extensive experience and knowledge of the environment allows it to provide services which can be appropriately tailored to its clients' needs. Please contact EnviroCentre's offices to discuss specific requirements if not highlighted within in these pages.

**[www.envirocentre.co.uk](http://www.envirocentre.co.uk)**





This brochure has been printed on Evolution FSC Certification recycled stock