



Extrium is a specialist environmental and geospatial consultancy offering strategic advice, research and policy implementation services to governments and commercial organisations.

## Who we are

Extrium was established in 2005 and has grown rapidly to become a leading environmental and geospatial consultancy. We offer a wide range of services to all levels of Government and to commercial organisations.

Specialist areas include the transposition and implementation of Directives involving environmental and geographic information. We also provide bespoke services to assist with environmental and sustainability reporting.

## Organisations we work with include:

- European Commission DG Environment
- European Commission DG Joint Research Centre
- European Environment Agency
- Defra
- Department for Transport
- Olympic Delivery Authority
- Welsh Assembly Government
- Department of the Environment, Northern Ireland
- Environment Agency
- Environmental Protection Agency, Ireland
- Network Rail
- Wellcome Trust
- Transport Research Laboratory
- Bureau Veritas
- AEA

## What we do

Extrium supplies a range of core environmental and geospatial information services to give decision makers the relevant knowledge and support they need to achieve effective business results.

We undertake carefully designed environmental assessments using the latest computer modelling techniques together with appropriate data to provide clients with a current and accurate understanding of the environment. Extrium develops solutions and provides information that empowers clients with the knowledge needed to develop effective national policies, strategies and management decisions.

We understand the policy cycle that drives the work of government organisations. Our delivery is tailored to ensure clients meet objectives – such as impact assessments or the provision of accurate and timely information to the public via web mapping.

We understand the obligations and inherent value associated with environmental and geographic information. Our knowledge of dataset development can help clients resolve intellectual property and licensing issues. We can also help clients to disseminate and commercially exploit their data.

In the private sector, we understand the importance of running an environmentally sustainable operation. We can work with organisations to help them comply with operating conditions or provide boardrooms with information on their company's operational impacts on the environment. By providing concise and objective information, we enable informed investment decisions that lead to environmentally sustainable practices and improved business value.

## Our Services

### Environmental services

- Large scale modelling and mapping of noise and air quality
- Environmental action planning and strategy development
- Flood risk assessment
- Development of climate change models
- Visual impact and view-shed analysis
- Demographic and impact analysis
- Carbon emission assessments

### Policy and research

- Transposition of European Directives
- Impact assessments
- Environmental strategies and action plans
- Options appraisals
- Drafting of regulations and guidance
- Assisting with reporting obligations
- Training and workshop facilitation

### Geospatial services

- Mobile data capture and field surveys
- Data sourcing and evaluation
- Data specifications and data modelling
- Geospatial data management
- Spatial and geo-statistical analysis
- Two and three-dimensional data modelling
- Transport and utility network analysis
- Web mapping
- Cartographic map production

### Commercial data management

- Defining and packaging Data Products
- Identifying and assessing Intellectual Property Rights
- Pricing data for commercial exploitation
- Advice on information regulations
- Licensing and royalty negotiations

## How we work

Extrium combines the knowledge of our highly-qualified consultants with the latest computer modelling and analysis systems to deliver projects in a controlled and managed environment.

We have extensive expertise in operating a variety of environmental and geospatial modelling applications and our state-of-the-art hardware is designed to take into account the considerable demands of data storage, processing, accessibility and security.

We have a strong record of delivering projects of the highest quality. We work within a transparent project management framework in close conjunction with clients throughout the entire project cycle, to maximise efficiency and minimise risk. Our managers are formally trained in the internationally recognised project management methodology, PRINCE2.

Extrium understands the principles of sustainable development, and maintains a company environmental policy that covers our supply chain, operations and service delivery.

## Work with us

At Extrium, we strive to create a working environment which is both professionally rewarding and personally enjoyable, whether our relationship is as a client, associate or employee.

If you would like to learn more about the services provided by Extrium or want to discuss any ideas for projects that you might be planning, please call us on +44(0)8708 031 321 or send an email to [enquiries@extrium.co.uk](mailto:enquiries@extrium.co.uk)

Our website [www.extrium.co.uk](http://www.extrium.co.uk) offers more information.