



# Land Use

## Defining your environment

Cities Revealed **Land Use** provides you with an intelligent map layer identifying land use and land cover in your area of interest. Supplied as an attribute to your large scale mapping these highly detailed land use databases, are created by extracting information from high-resolution aerial imagery and combined with field verification by land use experts. This capture method offers users the assurance of high quality, consistent information supported by local mapping to improve decision making in your area.

Derived from orthorectified **Modern** aerial photography this is a detailed, accurate and structured database for policy makers and environmental practitioners based on the national standard classification (National Land Use Database). With 52 separate land use classes **Land Use** provides a highly detailed view of the environment.

**Land Use** is a unique land use database, its value is recognised by professional users in a wide range of

market sectors including local and central government, property, academia, environmental research, engineering and the emergency services.

**Land Use** integrates with the Cities Revealed

product portfolio including **Building Class**, **Building Heights** and **Thermal Mapping** to provide a more comprehensive understanding of the world.

### Case Study

#### Wirral Metropolitan Borough Council Housing Market Renewal

Merseyside has been identified as being in need of Housing Market Intervention. The level of detail and accuracy of **Land Use** has enabled the council to view and report on change in a visual, chronological format; providing a clear understanding of the affect of land use change on the housing market.

*"Cities Revealed **Land Use** has enhanced our knowledge and understanding of the urban form within the renewal areas. The detail of the data allows us to map individual properties to target for improvement- a great cost effective measure!"* Joe Bickerton, GIS Housing Intelligence and Mapping Officer, Metropolitan Borough of Wirral



## Features

- 52 category land use database
- Consistent with National Land Use Database (NLUD) specification
- Derived from high resolution, aerial photography supported by local field verification
- Ordnance Survey MasterMap™ compatible
- Vector databases in industry standard formats
- Bespoke project options
- Includes Brownfield land
- 95%+ accuracy
- Geographically enabled and available in major GIS formats

## Classifications

CODE	PRIMARY CLASS				
1.1	Field crops	4.3	Running water	9.2	Institutional and Communal Accommodation
1.2	Ploughed field	4.4	Freshwater marsh	10.1	Institutional buildings
1.3	Fallow land	4.5	Salt marsh	10.2	Educational buildings
1.4	Horticulture and orchards	4.6	Bog	10.3	Religious buildings
1.5	Improved pasture	5.1	Inland rock	11.1	Industry
1.6	Field margins	5.2	Coastal rock and cliffs	11.2	Office
2.1	Conifer woodland	5.3	Inter tidal sand and mud	11.3	Retailing
2.2	Mixed woodland	5.4	Dunes	11.4	Storage and warehousing
2.3	Broadleaved woodland	6.1	Mineral workings and quarries	11.5	Utilities
2.4	Undifferentiated young woodland	6.2	Landfill waste disposal sites	11.6	Agricultural buildings
2.5	Scrub	7.1	Indoor recreation	12.1	Vacant land previously developed
2.6	Felled woodland	7.2	Outdoor recreation	12.2	Vacant buildings
2.7	Land cultivated for afforestation	7.3	Allotments	12.3	Derelict land
3.1	Unimproved grassland	8.1	Roads	13.1	Defence
3.2	Heathland	8.2	Car parks		
3.3	Bracken	8.3	Railways		
3.4	Upland mosaics	8.4	Airports		
4.1	Sea / estuary	8.5	Docks		
4.2	Standing water	9.1	Residential		

## Benefits

This highly detailed database enables thorough analysis at individual land parcel level, providing the basis for informed decision making.

A wealth of land use information compatible with national topographic mapping; this data set adheres to national standards providing confidence in your investment.

This highly flexible dataset integrates with other geographic and non-geographic databases.

Supplied in a variety of standard formats and due to the straightforward classification of land use the data is very user-friendly.

Direct integration with Modern aerial imagery for further analysis and verification provides quality assurance.

## Applications

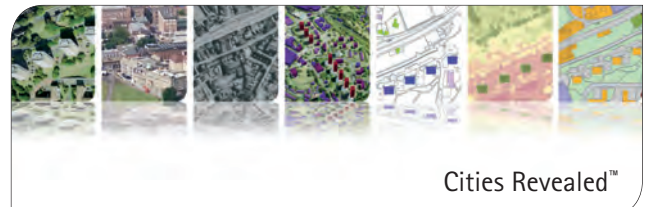
Land Use can be utilised in many applications, a few of which are listed below.

- Local planning
- Contaminated land assessment
- Green and Brownfield site selection
- Land change monitoring
- Strategic planning
- Retail site selection
- Land management
- Road and network modelling
- Crime analysis
- Urban renewal



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