



Mapping services supporting development, planning and asset management



- » Wide range of data available – mapping imagery, terrain, site intelligence, address, environmental, historic and planning constraints
- » Data as a service options (WMS/WFS)
- » Online desktop tool – saves valuable time
- » Extract content by project or full GB coverage
- » Free web services to support your data



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emapsite's range of data services has supported the Renewables sector for many years, providing clients with instant access to data essential for Renewable Energy development. We provide datasets to enable all phases of the project lifecycle.

National/Regional Planning

OS Landranger 1 : 50,000 - established Ordnance Survey mapping used for large area analysis and feasibility.

emapsite 25m Terrain Model for GB (DTM) - a 25m terrain product from de-resolved NextMap Britain 5m data, which conveniently fills the "resolution gap" between OS Terrain 5 and OS Opendata Panorama.

10-25m Obstructions data - Maps forestry polygons and building heights with sufficient detail for desktop analysis whilst affordable at national level.

Low resolution imagery - deresolved imagery at 1-5m resolution, ideal for large area analysis and feasibility when the detailed picture is unnecessary.

OS OpenData - download up to date OS OpenData to supplement the above.

Site Selection

OS Explorer 1:25,000 - the popular mid-scale series that shows comprehensive Rights of Way information which makes it an ideal product for analysing the topographic advantages of multiple sites.

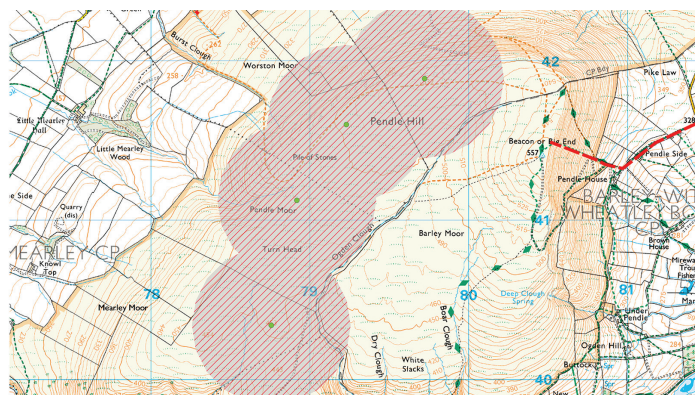
OS VectorMap Local Raster - the replacement for OS 1:10,000 colour raster provides added detail, notably accurate field boundaries further enabling site selection.

OS Terrain 5 - the new terrain product from Ordnance Survey at 5m resolution.

Aerial Photography Derived DTM/DSM (2-5m) - Available for much of Scotland and Wales, providing an alternative terrain or surface model.

LiDAR - LiDAR Elevation data is the most detailed elevation data captured by aircraft and is available for specific areas of GB.

Higher Resolution Imagery (25-50cm) - a greater level of detail and available with full GB coverage. Shows real-life features providing useful context for planning.



Site Investigation

OS MasterMap - the most detailed and up to date mapping available for GB, maps building outlines, access roads, fence lines and includes a feature classification for each mapped polygon.

High Resolution Imagery (5- 12.5cm) - off the shelf for specific regions, providing a detailed insight into what's on the ground.

National Tree Map (NTM) - maps every tree in England and Wales, providing a new dimension to desktop site assessment with accurate tree heights, survey date and canopy cover.

Building Heights - 3D building heights from a variety of sources, enabling detailed visual assessment and 3D modelling.

Site Intelligence - A wide choice of site intelligence reports and historic mapping, ranging from environmental, geology, flood, to underground utilities and radar risk reports. Ideal for consultants undertaking feasibility and desk studies.

Offshore

Marine data and mapping - Authoritative data from national Hydrographic offices and other agencies. Coupled with flexible online services, we can give you the full marine data package.

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