



Making use of Verisk data for your projects

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Who are Verisk?

- World leading Insurance Services provider
- \$3bn annual revenue, NASDAQ listed
- Global presence
- Acquired The GeoInformation Group in 2016
 - Cambridge based
 - Geospatial datasets derived from aerial imagery

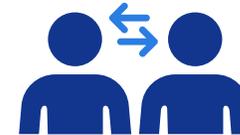
Our values



Learning
Open, Curious,
Inventive



Results
Achievement-driven,
Goal-focused,
Resilient



Caring
Aware, Sincere, Connected

Who do we help?



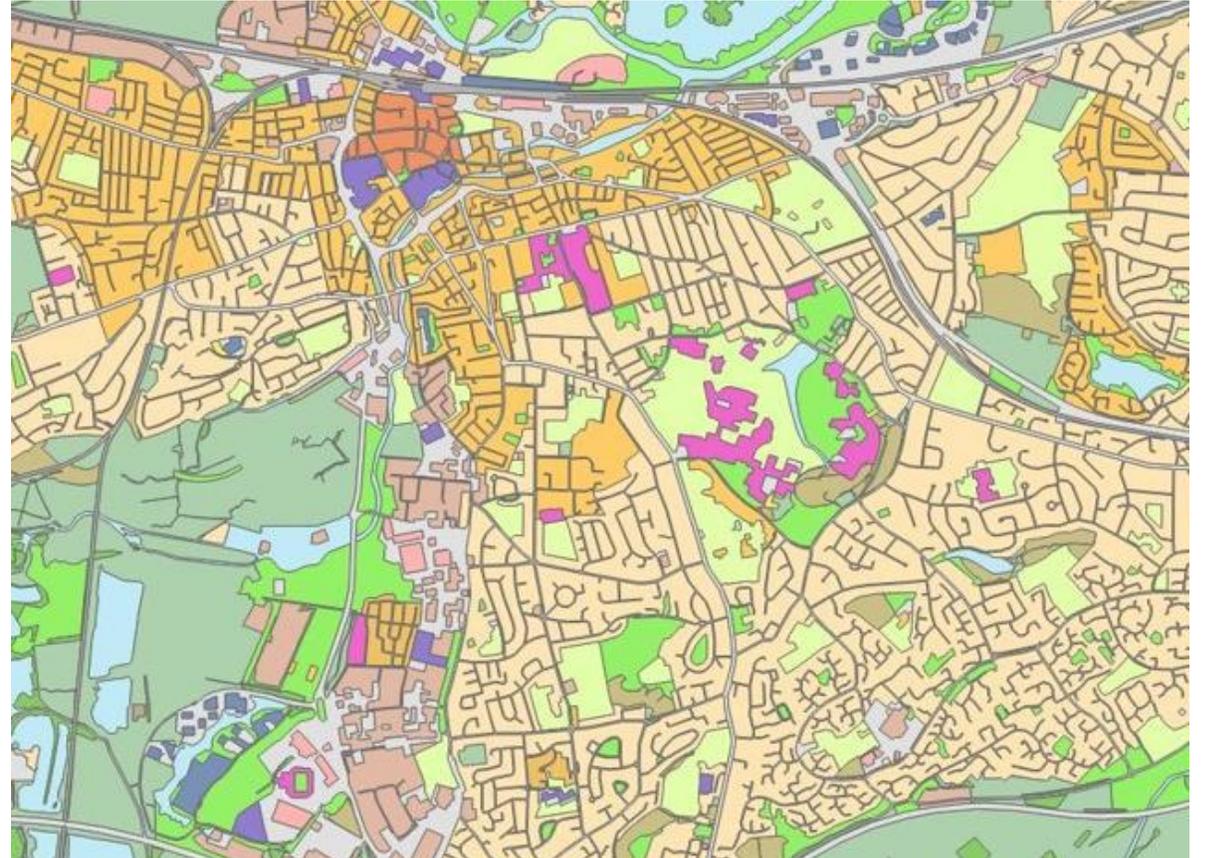
Our products available on Digimap



UKLand

National small-scale land-use database

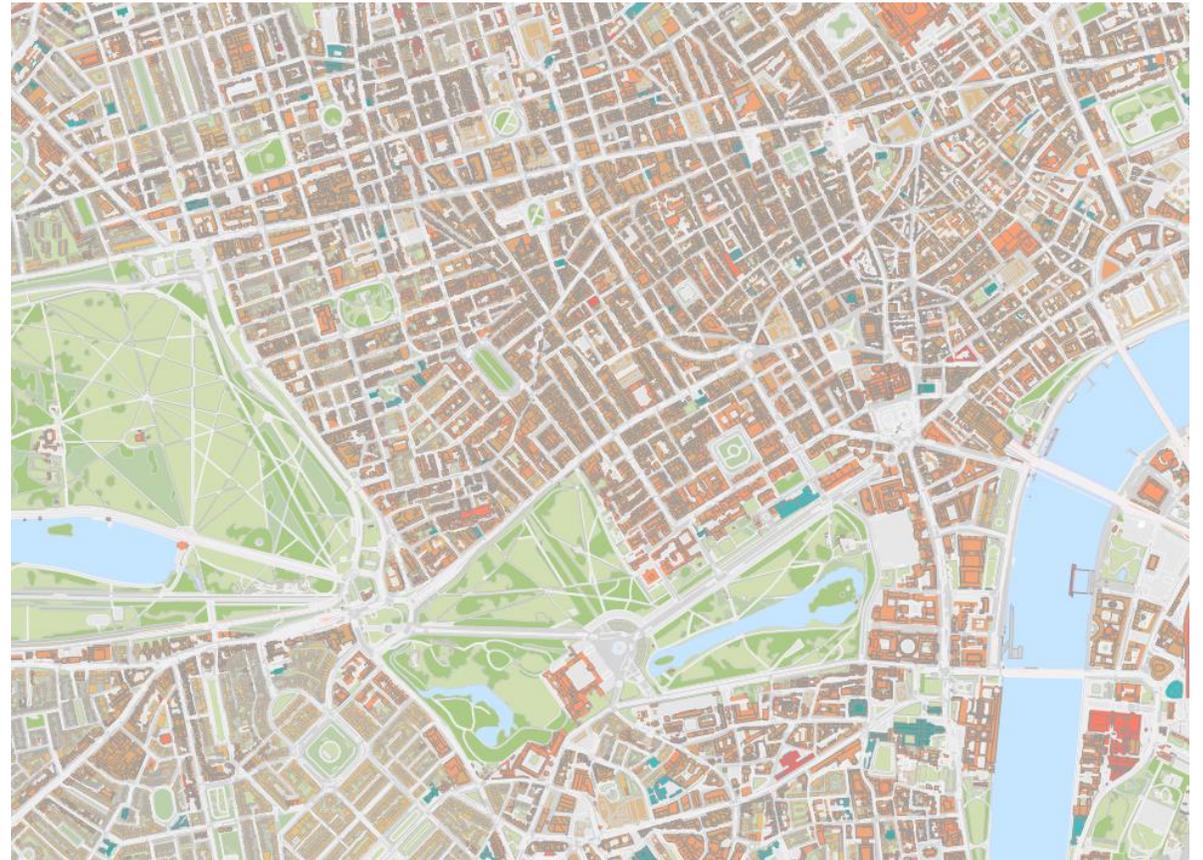
- UK coverage
 - England, Scotland, Wales, N Ireland
- 27 classes
 - Natural (Agriculture, Woodland, Water)
 - Urban (Industrial, Commercial, Suburban ...)
- Uses include
 - Site search & assessment
 - Regional planning and comparison
 - Utility network roll-out



UKMap

Detailed topographic database of Greater London (Not maintained)

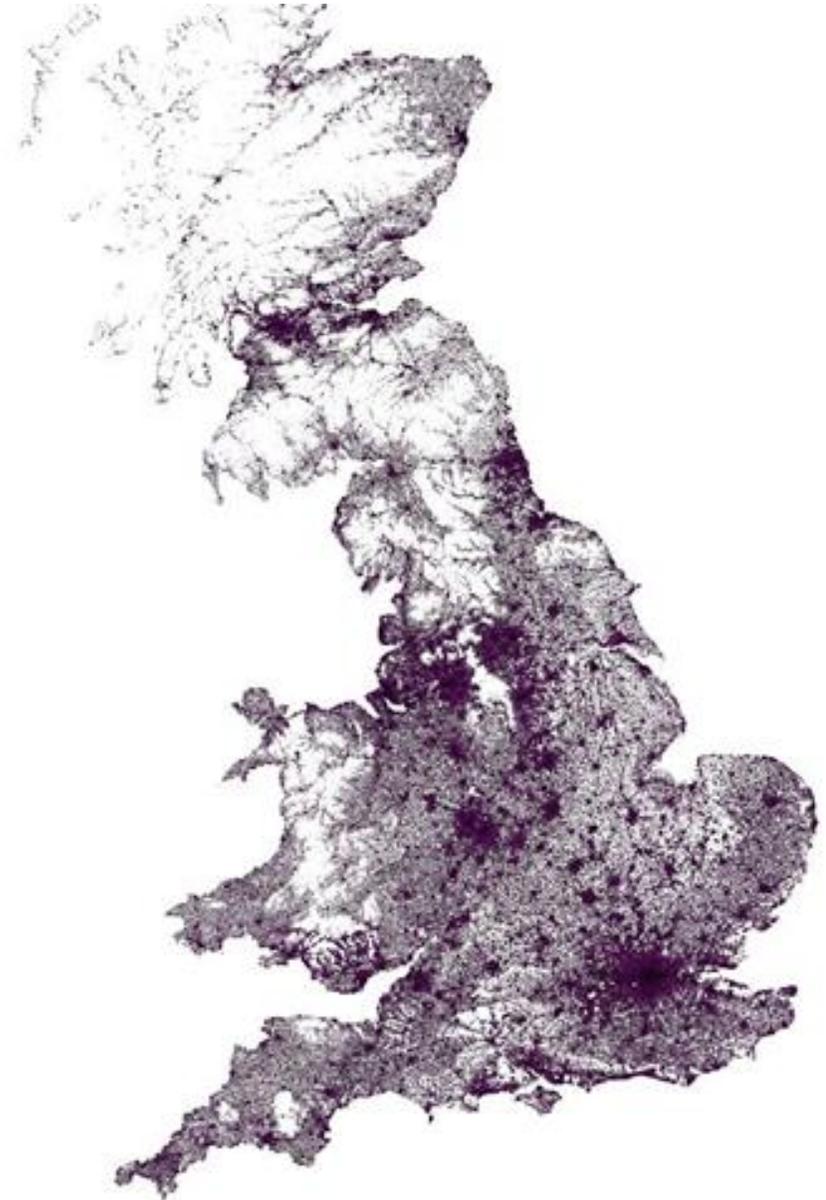
- Greater London (to M25)
 - Topography
 - Land-use (200+ classes)
 - Land-cover
 - Retail
- Uses include
 - Planning and site assessment
 - Transport planning
 - Incident response
 - Pavement widths
 - Residential above retail



UKBuildings

National property database

- A database of property characteristics
 - Coverage of England, Scotland and Wales
 - 46 Property attributes



Key attributes within our property data



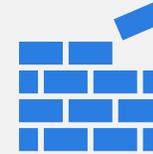
Age and historic data

- Age
- Year built (where known)
- Confidence
- Listed grade



Dimensions

- Height
- Premise area
- Building area
- Address area
- Gross area
- Distance from nearest building
- Distance from water



Structural information

- Roof type
- Wall type
- Substructure type
- Glazing
- Wall construction
- Floor type
- Element count



Use and type

- Premise use
- Premise type
- Bungalow
- Flat conversion

Key attributes within our property data



Site information:

- ID
- Area
- Non-built area
- Building count



Room, floors and feature counts – number of:

- Floors
- Bathrooms
- Bedrooms
- Reception rooms
- Extensions
- Habitable rooms
- Presence of a basement
- Open fireplaces



Standard identifiers for easy integration:

- Verisk premise ID
- Verisk building ID
- UPRN
- UPRN count
- UPRN distance
- TOID



Map display characteristics:

- Map age
- Map floors
- Map use
- Map simple use

UKBuildings

National property database

- A database of property characteristics
 - Coverage of England, Scotland and Wales
 - 46 Property attributes
- Uses include:-
 - Insurance underwriting
 - Supporting future energy demand models
 - Assessing retrofit suitability
 - Catastrophic event risk assessment
 - Telecoms infrastructure planning

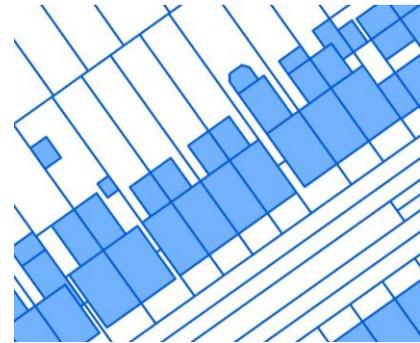


UKBuildings Terminology

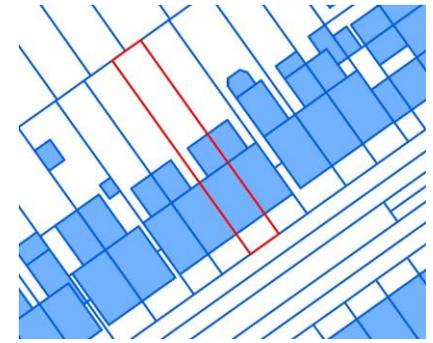
Aerial view



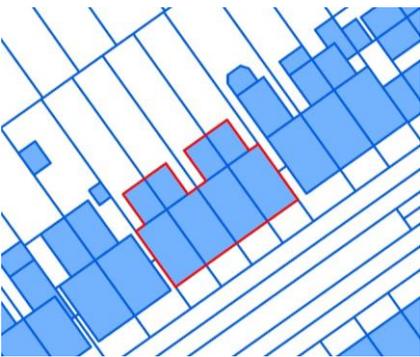
Map



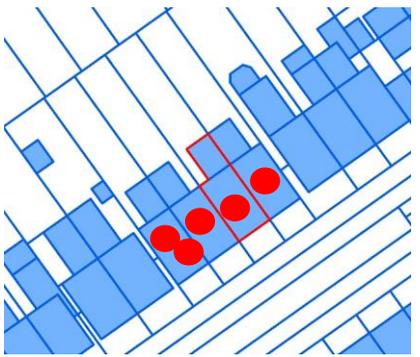
Site



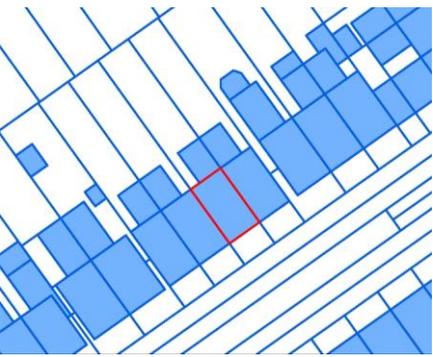
Building



Premise



Element



Addresses
(UPRN)

How did we capture UKBuildings data?

- Manual classification of buildings from aerial imagery
 - All urban areas completed in 2019
- Additional sources to deliver national coverage
 - Land-Registry
 - Energy Performance Certificates
 - Planning applications
 - Historic mapping
 - Analytics to fill gaps



Ordnance Survey NGD Buildings & UKBuildings

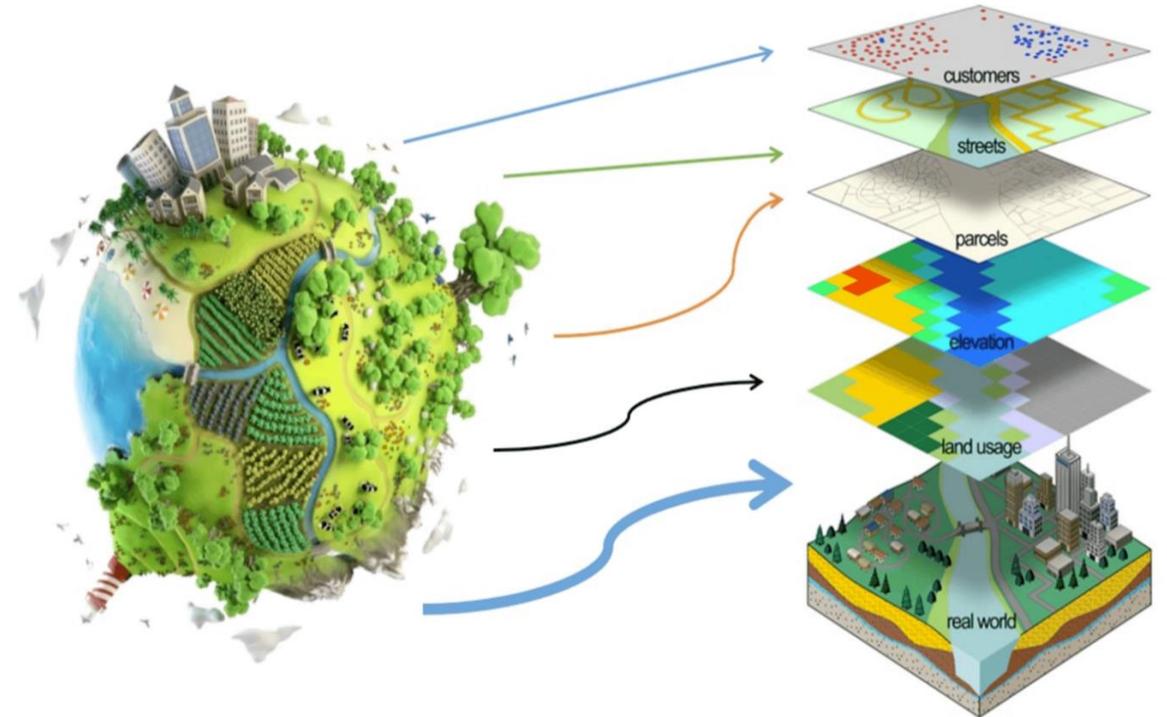
- New Ordnance Survey product
 - High spatial accuracy
 - Detailed attribution and integration with other NGD themes
 - Includes Verisk attributes for Basements, Wall Type and Age
- UKBuildings advantages
 - Additional attributes
 - Room counts
 - Energy Performance information
 -
 - Ease of use



How can we help you?

What sort of projects are you working on?

- Geospatial comparisons across areas?
- Access to Greenspace?
- Homes suitable for energy saving measures?
- Flooding assessments?
- Climate change impacts?
- Health inequality?



Why use Verisk data in DigiMap?

Multiple benefits

- Ease of use
 - analysis ready
 - easy integration with other data
- National scale, complete, consistent data
 - Small scale land use
 - Property characteristics
- Use data that is addressing key challenges
- Use the same data & techniques used by industry and research orgs





Find out more:-

<https://digimap.edina.ac.uk/verisk>

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Demo

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Questions

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