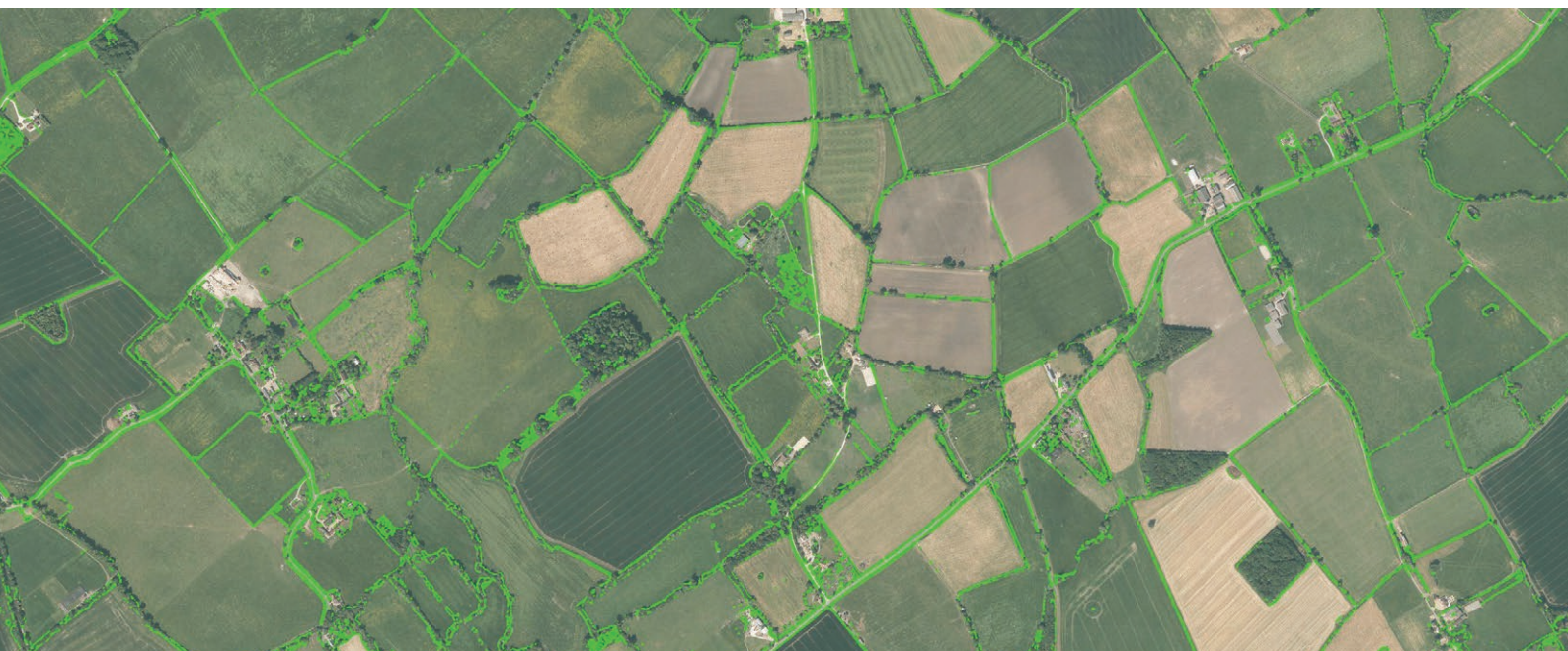# DATA SHEET

Product: **National Hedgerow Map™**

Region: **Great Britain**

Bluesky is a market leader in the capture, production, exploitation, and delivery of geospatial datasets and services that have rapidly become critical tools in tackling the challenges of the modern world. Operating globally, Bluesky has offices in the UK, US, Ireland and India.

As a recognised specialist in the acquisition and processing of aerial photography and LiDAR, Bluesky uses the latest technology and an experienced technical team to produce innovative off-the-shelf and tailored products to meet the needs of organisations in a range of market sectors.

Bluesky's terrain datasets and 3D models support the acceleration and adoption of 3D applications and technologies in an age of smart cities, digital twins and virtual/augmented reality.

Key Features

- A unique, comprehensive database of location, height (0.5 - 2.99m), volume and vegetation extent of features.

- Created using Bluesky's accurate and up to date aerial photography and height datasets

- 2 year rolling flying programme ensures data is up to date

- For use in GIS, hedgerow and low vegetation management and CAD packages

Applications & Industries

- Carbon storage and above ground biomass calculations
- Hedgerow monitoring and management
- Additional low vegetation mapping (e.g. shrubs, bushes and scrub)
- Can be used in conjunction with the National Tree Map™ to map hedgerow trees and mature hedgerows 3 metres and above
- Aid hedgerow creation or gap restoration projects

- Accurately plan biodiversity wildlife corridors
- Flood risk reduction planning
- Noise mitigation mapping
- Agroforestry management

Specification	
Layers	1. Vegetation Polygons (Vector Polygon) - Representing the vegetation extent of each feature 2. Centrelines (Vector Line) - Length of each feature represented as a central line 3. National Tree Map™ - All 3 layers of NTM™ are included
Coverage	England, Wales & Scotland
Accuracy Z	± 1m rmse
Classification Criteria	Vegetation between 0.5 - 2.99m in height (NTM™ - Trees over 3m in height)
Formats	Include: ESRI Shape, MapInfo Tab, Geodatabase, Geopackage, DWG, KMZ
Standard Projection	British National Grid

Legend
- ■ NTM™ Canopy Polygons
- ■ NHM™ Vegetation Polygons

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