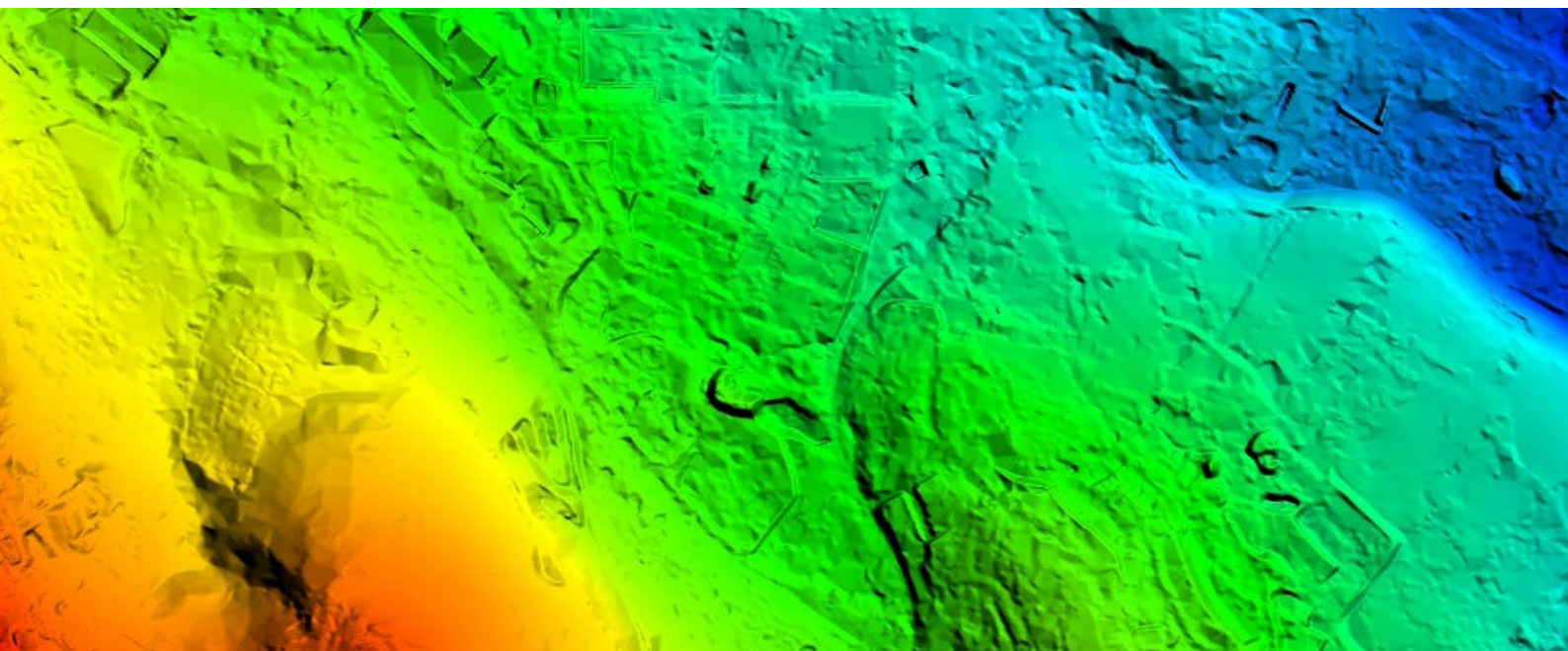


# DATA SHEET

Product: **Digital Terrain Models**

Region: **Republic of Ireland**



**B**luesky 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

- Provides detailed measurements of the height of the ground
- Measurements exclude surface features such as buildings and vegetation
- National coverage across the Republic of Ireland
- Available as part of our flexible subscription service for quick and cost effective access

Applications & Industries

- Engineering earth works
- Flood mapping and modelling
- Insurance and risk assessment
- Landscape visualisation
- Volumetrics
- Visualisations

Specification	
Resolution	5m
Coverage	Republic of Ireland
Accuracy XY	± 1m rmse
Accuracy Z	± 1.5m rmse
Formats	Include: ASCII Grid, ASCII XYZ, DXF Point, GeoTiff
Standard Projection	Irish Transverse Mercator (ITM95)
Tile Size	2km x 2km (400 x 400 pixels)
Metadata	OGC compliant XML

