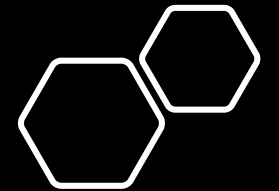




GeoA Platform

Booking geospatial surveys, viewing, analysing and downloading satellite and airborne data





Viewing, analysing and downloading data

GeoA Platform

Log In

Username or Email Address

Password

Login

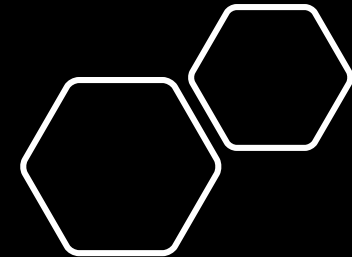
[Forgotten Password](#)

Don't have an account yet?

Creating an account takes just a moment! It offers you the following advantages and much more:

- Create, manage and export your aerial surveys online
- Access our cutting-edge multispectral technologies
- Collaborate and share your work with colleagues

Sign Up



Use the details you have been provided with to login.

Alternatively, please sign up if you wish to book a survey.

If you would like to view sample data products, please get in touch at sales@geoerospace.com and the team will provide you with a guest login.

Welcome back, Gas Networks Ireland!

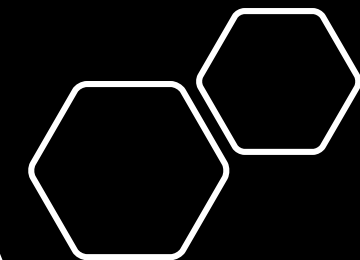
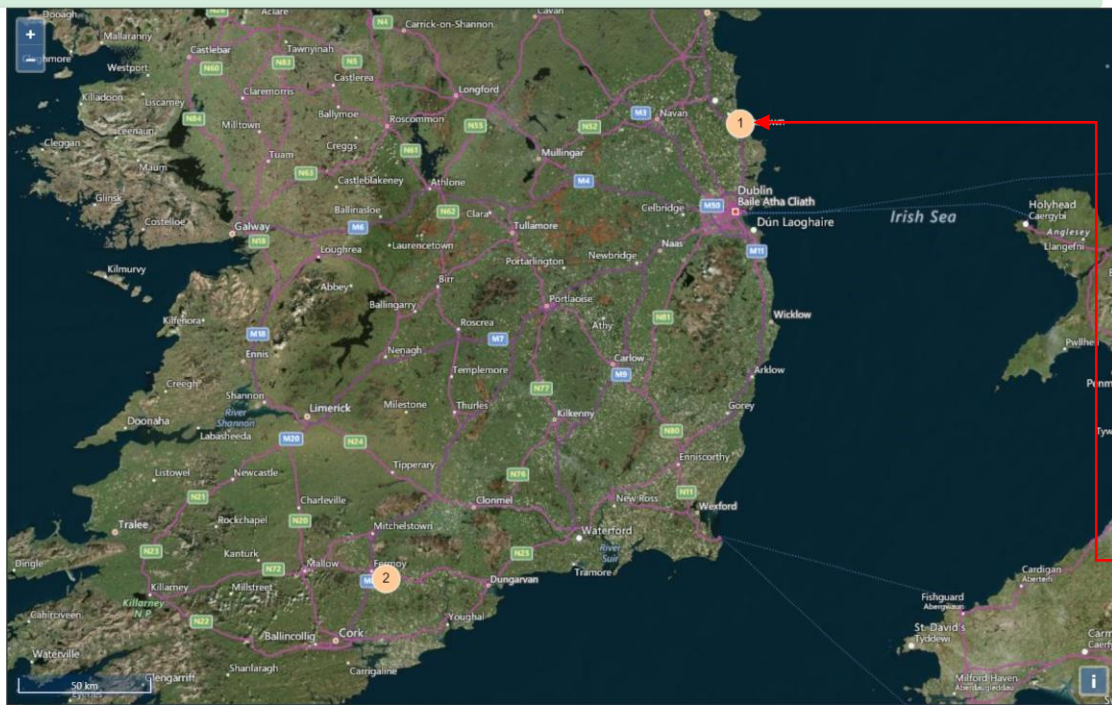
Active Surveys Completed Surveys

You don't have any active surveys

You are not currently working on any survey planning projects.

Create a new one using the link below and get the planning process started!

Create Another Project



Click on the site for which you would like to view data products of.

Welcome back, Gas Networks Ireland!

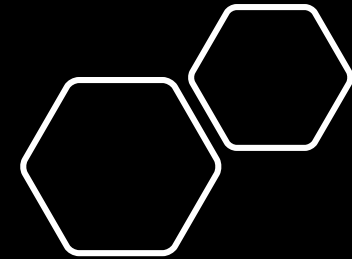
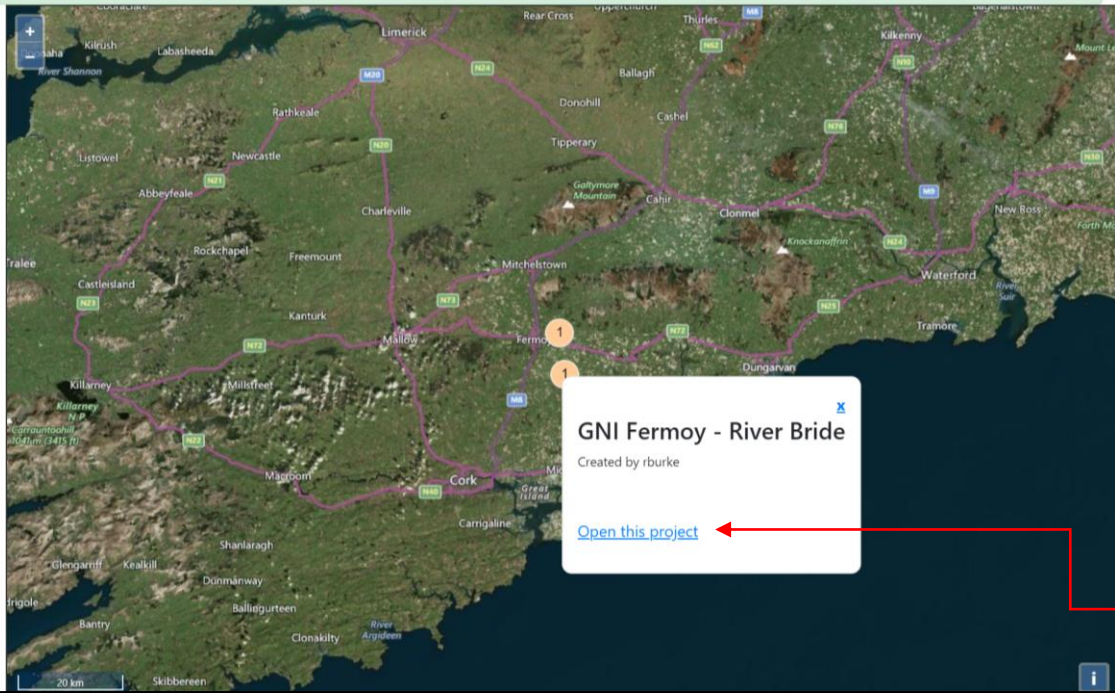
Active Surveys **Completed Surveys** 

You don't have any active surveys

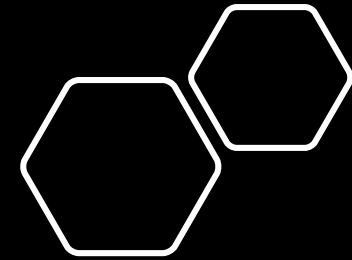
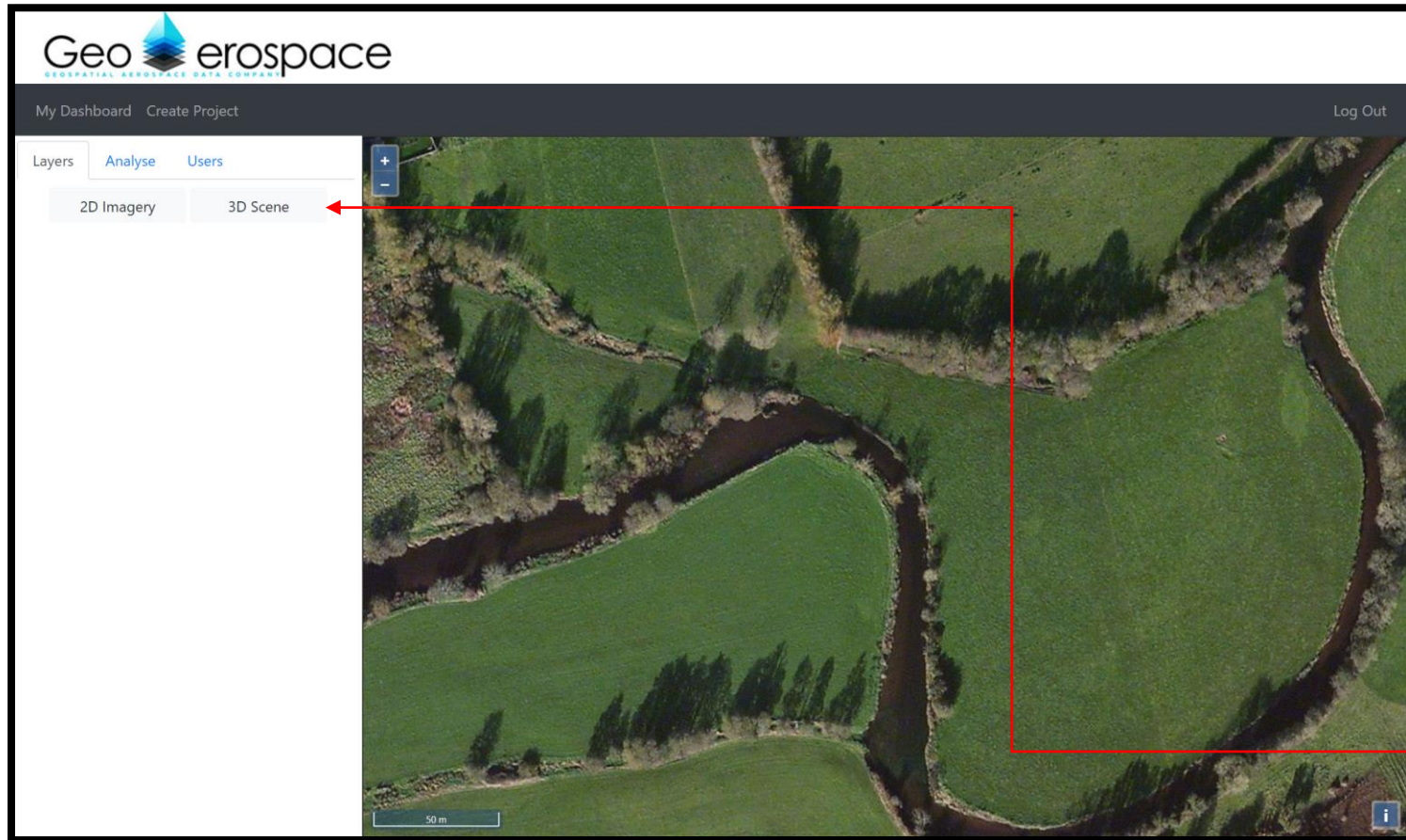
You are not currently working on any survey planning projects.

Create a new one using the link below and get the planning process started!

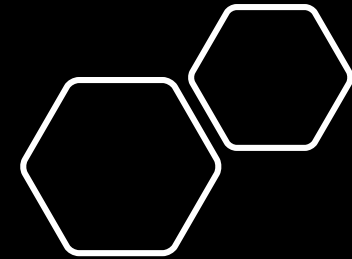
[Create Another Project](#)



Click "Open this project".

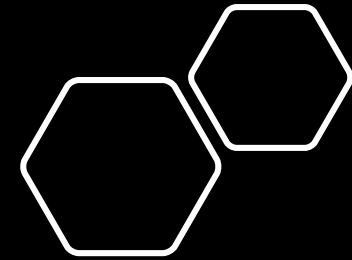
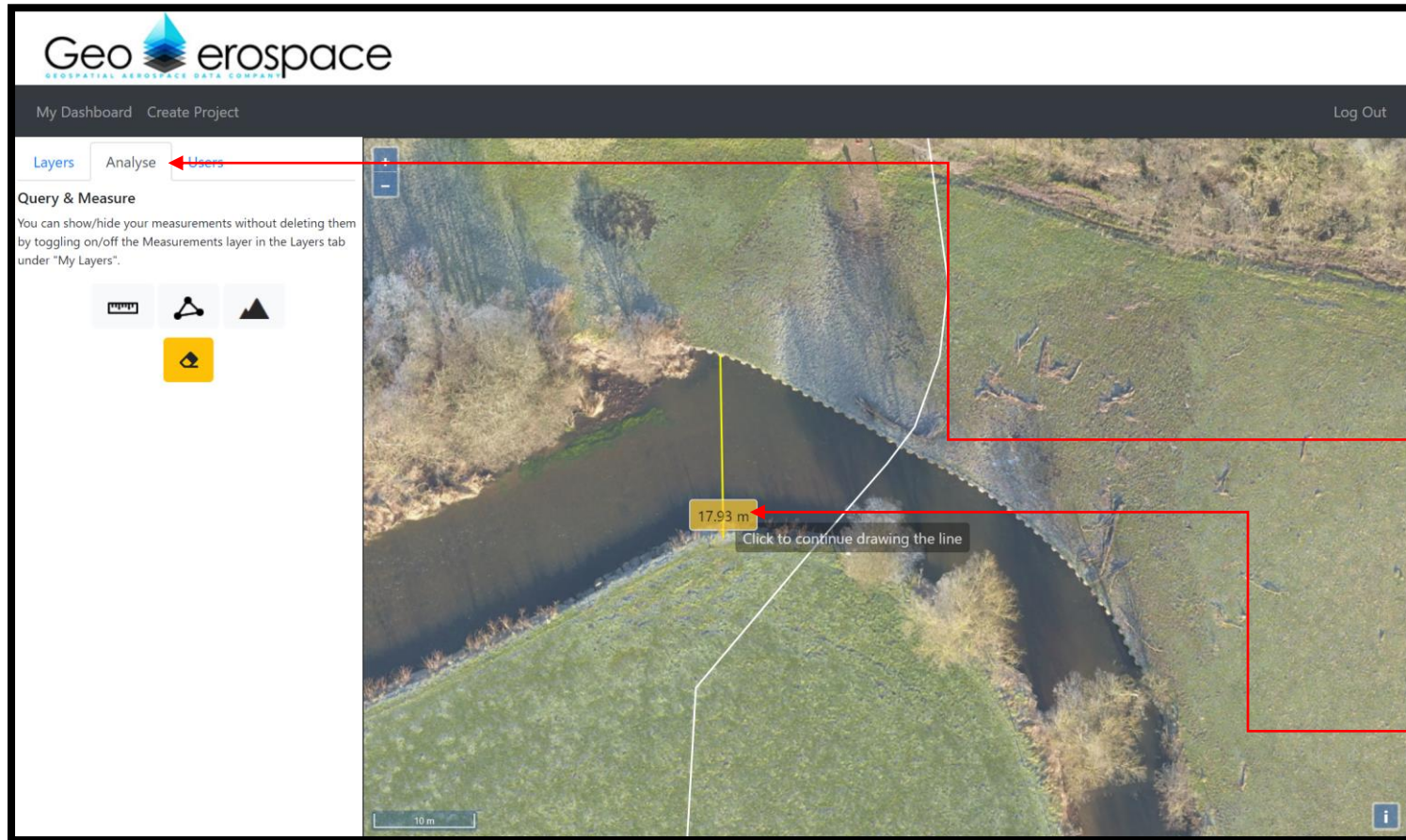


Click “2D Imagery” or “3D Scene” depending on which data products you wish to view.



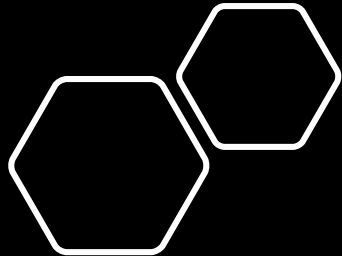
The icon you have chosen will be highlighted in blue meaning this is the window that will be open and visible on the right.

You can then switch on/off data product layers available to view on the left column.

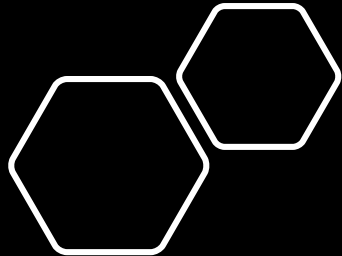
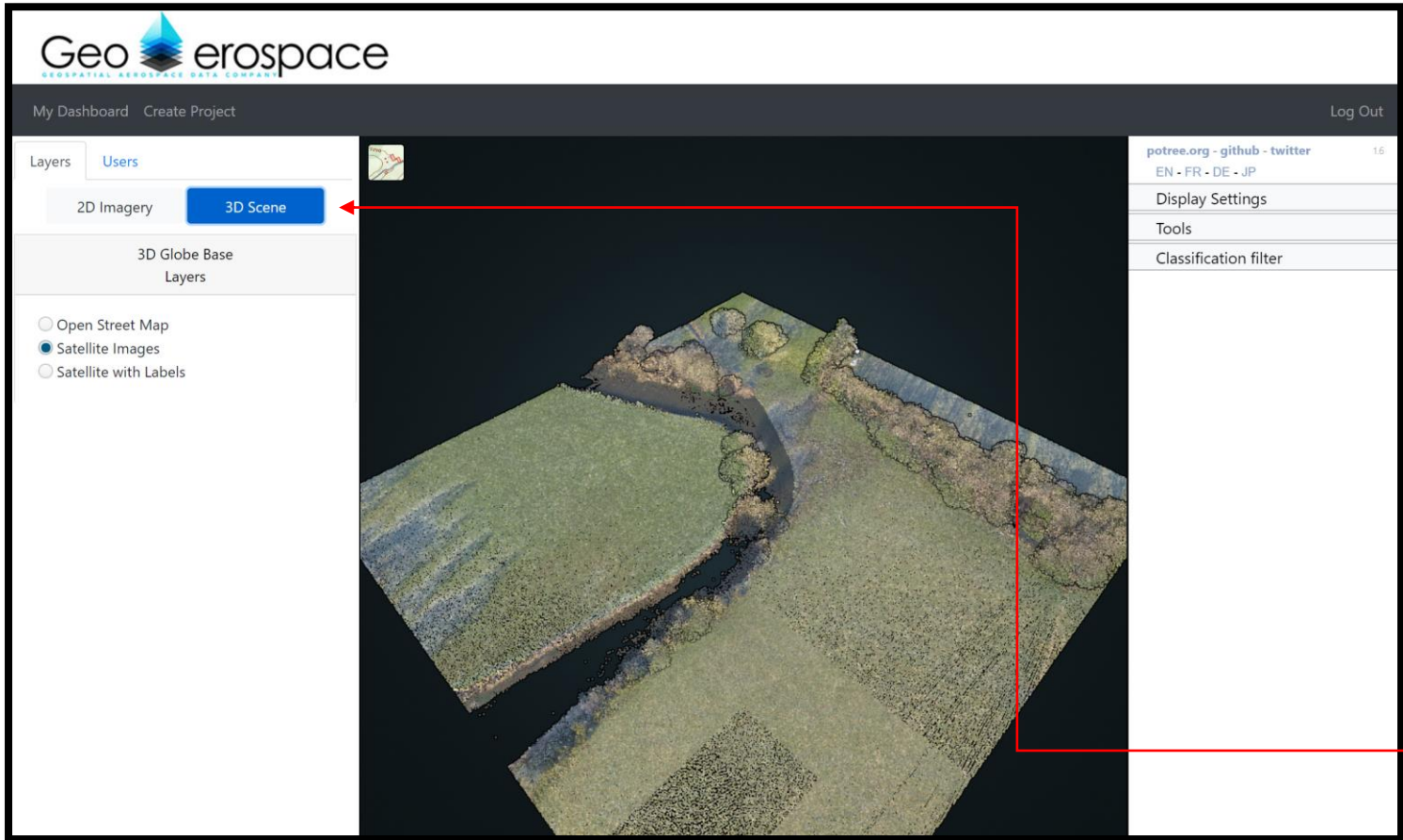


To carry out measurements, please select "Analyse".

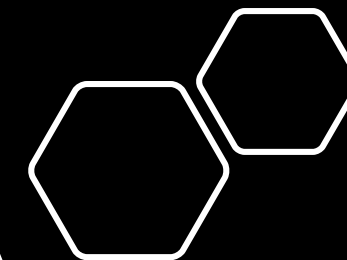
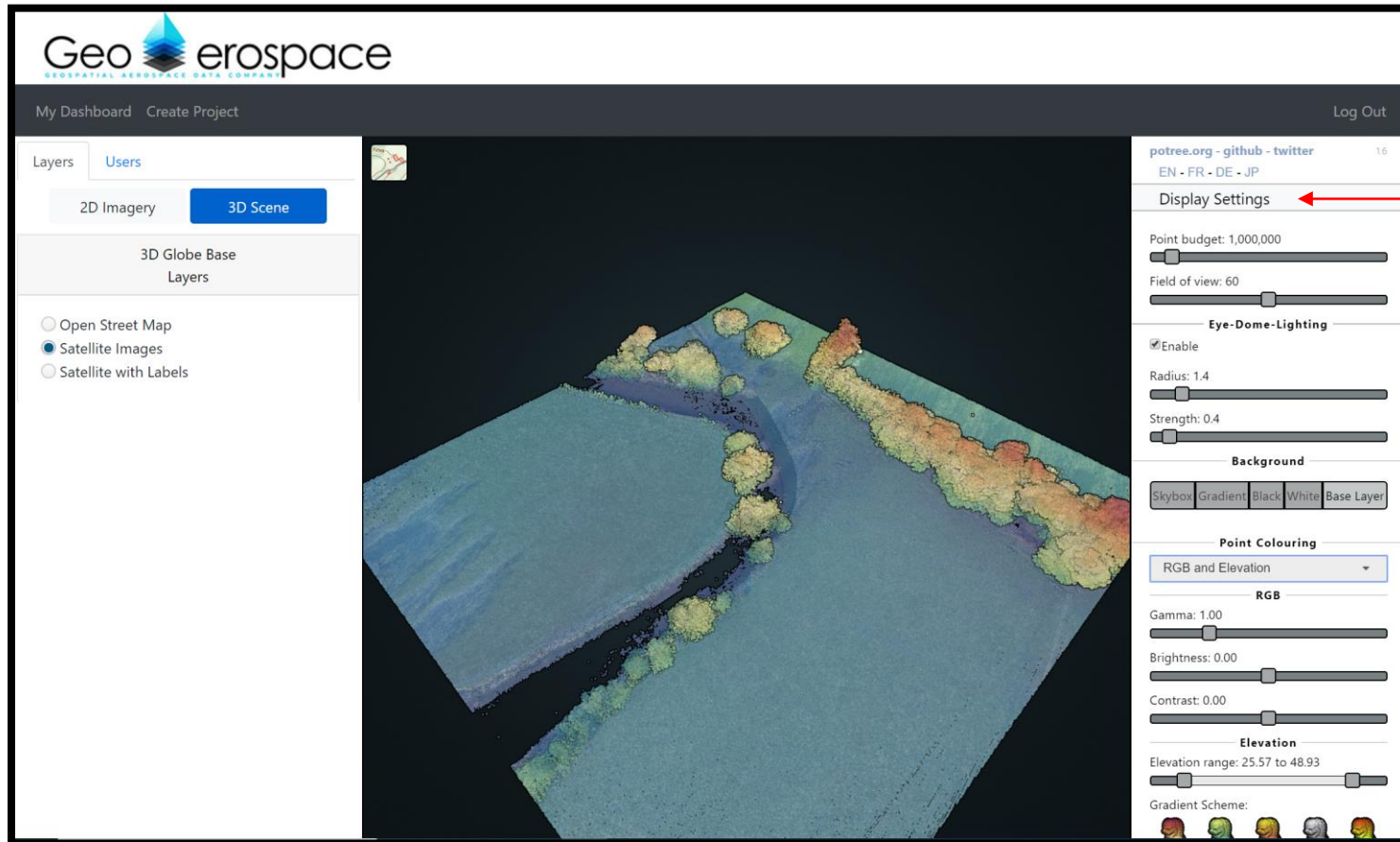
You can then use the various tools to draw on the imagery to calculate distance, area, volume etc.



Satellite data layers will also be available here within 2D Imagery if you have ordered them.

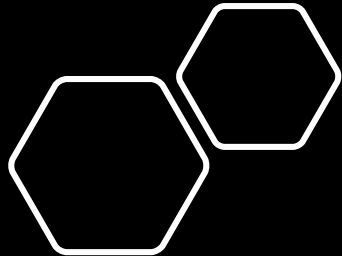
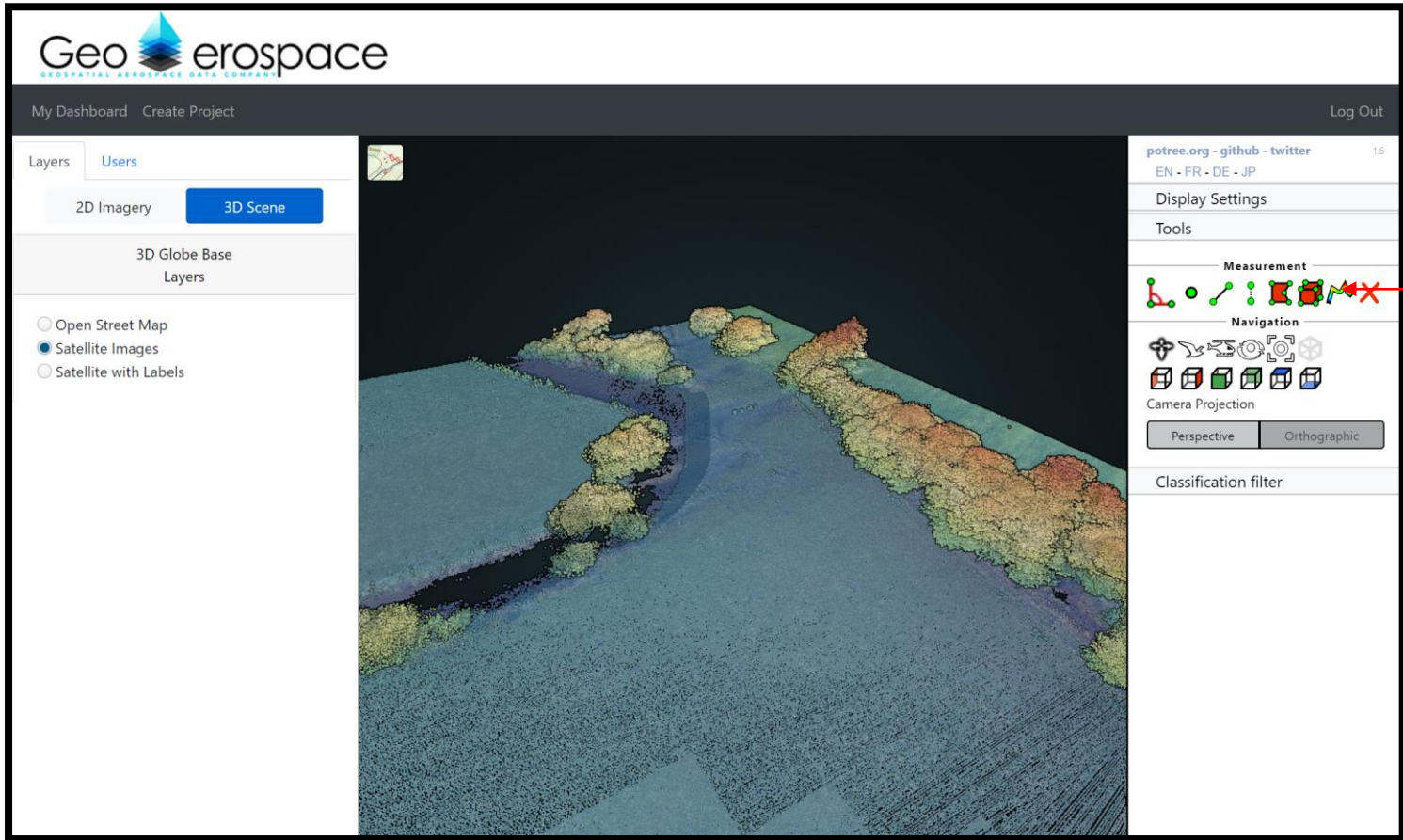


Click "3D Scene" to view the data in 3D.



You can move around the model in 3D and utilise all the functions on the right-hand column.

For example, to view height profiles, click on “Display Settings” and then click on the drop-down menu and select any “RGB and Elevation”.



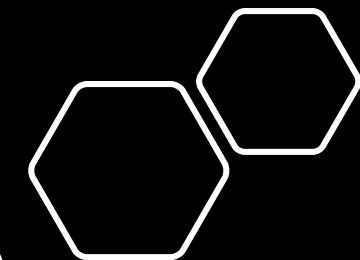
To view a cross section within the 3D model, select the cross section icon shown here.

The screenshot displays the Geoerospace web application interface. At the top left is the logo for Geoerospace, with the tagline "GEOSPATIAL AEROSPACE DATA COMPANY". Below the logo are navigation links for "My Dashboard" and "Create Project", and a "Log Out" button at the top right.

The main interface is divided into several sections:

- Layers Panel (Left):** Contains tabs for "Layers" and "Users". Under "Layers", there are buttons for "2D Imagery" and "3D Scene". Below this, it lists "3D Globe Base Layers" with options: "Open Street Map", "Satellite Images" (selected), and "Satellite with Labels".
- Main View (Center):** A 3D point cloud visualization of a landscape with a river and trees. A red double-headed arrow indicates a cross-section line drawn across the terrain.
- Height Profile Panel (Bottom):** A panel titled "Height profile" showing a 2D profile of the terrain along the cross-section line. It includes a table of coordinates and a small 3D preview of the profile.

| Number of Points: 38,830 | Export Profile: CSV(2D) LAS(3D) |
|--------------------------|---------------------------------|
| x | -911,715.438 |
| y | 6,814,053.500 |
| z | 27.399 |
| color | 74, 82, 91, 0 |
- Tools Panel (Right):** A sidebar containing various tool icons. The "Measurement" section is highlighted with a red box, and a red arrow points from it to the cross-section line in the main view. The "Navigation" section includes icons for camera movement and projection settings (Perspective and Orthographic). A "Classification filter" section is also present.



Use the cursor to draw a polyline across the area of interest and close the line by right clicking.

The cross section will appear at the bottom of the screen showing relevant height and geospatial information.

Layers Add Export **Users**

Download Survey Products

| Product Name | Actions |
|--------------|--------------------------|
| RGB | Download |
| Point Cloud | Download |
| Multispec | Download |
| DSM | Download |
| DEM | Download |

Product Name **Actions**

Note: The image products provided by GeoAerospace are available for a period of 30 days after the survey flight date; if you wish them to be downloadable or viewable on our platform for longer, you should contact us.

Export Feature Data

Download the geospatial features associated with this survey - uploaded site boundaries, polygons drawn by project members, etc.

File type: GeoJSON

[Download Features](#)

Share Your Project

Let others view this project, even if they are not a member of GeoAerospace, by sharing the following link:

<http://app.geoaerospace.com/projects/share/azCMnohr>

Note: Anyone with this link can view your project details

potree.org - github - twitter
EN - FR - DE - JP

Display Settings

Point budget: 1,000,000

Field of view: 60

Eye-Dome-Lighting

Enable

Radius: 1.4

Strength: 0.4

Background

Skybox Gradient Black White Base Layer

Point Colouring

Elevation

Elevation

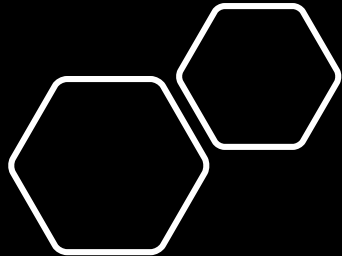
Elevation range: 206.34 to 246.11

Gradient Scheme:

Red Green Blue Grey Yellow

Tools

Classification filter



Click on “Export” to download any, or all, of the data products for use offline on your own software or to embed in existing workflows within your organisation.

Alternatively you can share your project with any team members.



Booking a survey

GeoA Platform

Active Surveys

Completed Surveys

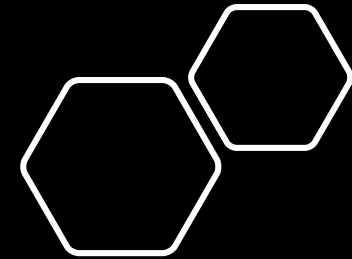


You don't have any active surveys

You are not currently working on any survey planning projects.

Create a new one using the link below and get the planning process started!

[Create Another Project](#)



To book a survey, click “My Dashboard” once you login.

Then click “Create Project” or “Create Another Project” if you have already created one.

Project was created successfully

[My Survey from 27 Mar 2020](#)

Created on 27/03/2020 10:49 by GNI

[No description given](#)

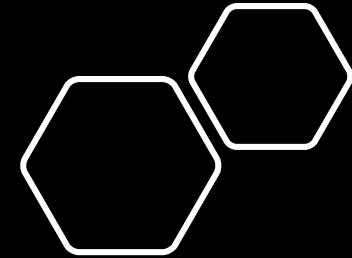
Get Started by Adding Data

The first step in planning a survey is to show us the site that we'll be working with.

It's ideal if you have a KML or GeoJSON file of the site boundary (or boundaries) that you can upload using the form below.

Drag and drop a KML or GeoJSON file here, or click to choose a file

No file? No problem - you can also draw your site boundaries on [our interactive map](#)

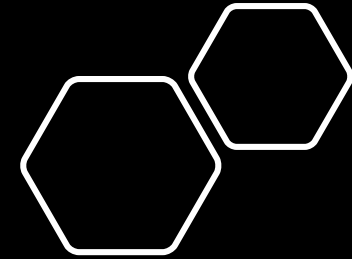


You can add your survey Area of Interest (AOI) using GeoJSON or KML files.

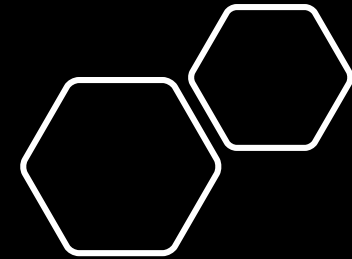
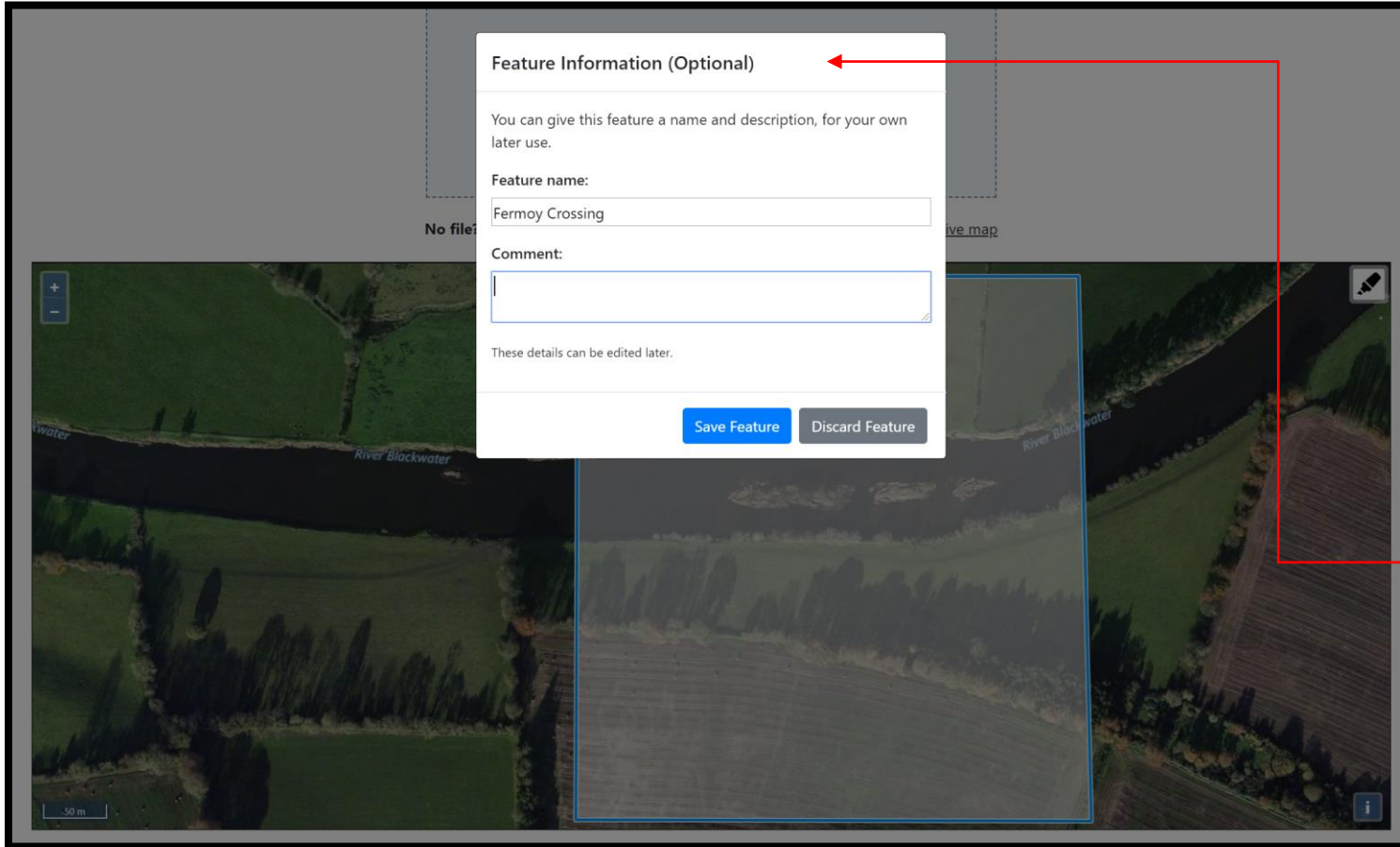
Alternatively, you can manually draw the AOI using our interactive map.

Drag and drop a KML or GeoJSON file here, or click to choose a file

No file? No problem - you can also draw your site boundaries on [our interactive map](#)



If you choose to draw the AOI manually then click on this icon to start drawing your AOI over the map.



Once the boundary is drawn, you can add the survey name and any comments as necessary.

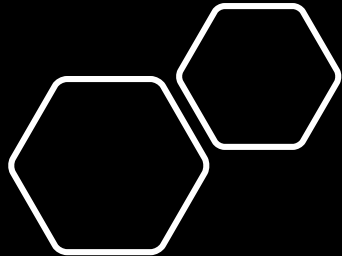
a file

No file? No problem - you can also draw your site boundaries on [our interactive map](#)

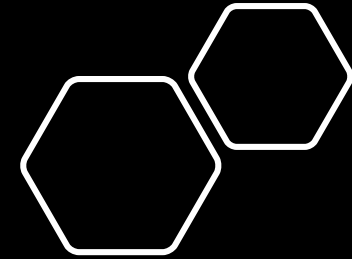
Finished adding data?

Don't worry, you can add more later if you change your mind.

Click to start drawing



Once finished, click the blue box, "Finished adding data?"



[Order Survey Products](#) [Upload Data](#)

Order Survey - Basic Details

Please describe in as much detail as possible what your requirements are for this survey. [Not sure?](#)

LiDAR and aerial photography of the river crossing showing in the AOI above.

Contact XXX @ XXX to agree access on the day

Survey Date

Due to factors such as changing weather conditions, it is not always possible to stick to an exact flight date. Therefore please specify a general timeframe in which you would like the survey completed.


The survey should be performed at some point between 31/03/2020 13:00 and

Advanced Details (optional) >

[Request a Quote](#)

[confirm the details of your survey and estimate a cost.](#)

You will then be able to input the date range (and specific time if necessary) for the survey to be carried out and add any notes relevant to the survey.



[Order Survey Products](#)
[Upload Data](#)

Order Survey - Basic Details

Please describe in as much detail as possible what your requirements are for this survey. [Not sure?](#)

LiDAR and aerial photography (orthomosaic) of the river crossing and embankments.

Please contact local area manager, Joe Soap on 081768927, to arrange access.

Survey Date

Due to factors such as changing weather conditions, it is not always possible to stick to an exact flight date. Therefore please specify a general timeframe in which you would like the survey completed.

The survey should be performed at some point between and

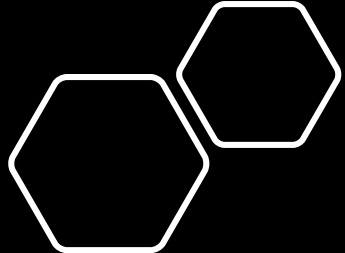
Advanced Details (optional) > ←

Optional: Let us know if you have specific requests regarding the sensors used, types of data collected and the resolution of this data.

| | |
|--|---|
| <p>Sensors:</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> LiDAR <input type="checkbox"/> Hyperspectral <input checked="" type="checkbox"/> RGB / Optical <input type="checkbox"/> Multispectral <input type="checkbox"/> Optical Video <input type="checkbox"/> Thermal Video <p>Preferred Resolution: [?] <input type="text" value="10cm"/></p> | <p>Image Products:</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Oblique Imagery <input type="checkbox"/> Orthomosaic <input checked="" type="checkbox"/> Digital Surface Model <input checked="" type="checkbox"/> Digital Terrain Model <input type="checkbox"/> Video <input type="checkbox"/> NDVI <input type="checkbox"/> LiDAR <input type="checkbox"/> Photogrammatry |
|--|---|

[Request a Quote](#)

You will be contacted by a member of our team to confirm the details of your survey and estimate a cost.



You can also add the sensors you require and the data products you wish to purchase.

If you are unsure of which sensors and products are required, the team will get back in touch with you to discuss in more detail.

Once complete, click "Request a Quote".

Order a Survey

You have requested a survey with the following details:

Survey Description
"LiDAR and aerial photography of the river crossing showing in the AOI above. Contact XXX @ XXX to agree access on the day"

Dates
Between 31/03/2020 15:00 and 31/03/2020 19:00

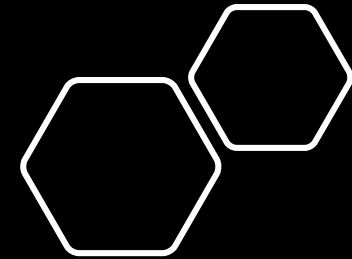
Sensor Types
LiDAR, RGB / Optical

Product Types
Orthomosaic, Digital Surface Model, Digital Terrain Model

Resolution: 10cm

Clicking "Order" below will send this information to our administration team, who will contact you with a quote. Would you like to proceed?

You will be contacted by a member of our team to confirm the details of your survey and estimate a cost.



A summary of your order will be shown here and once you are ready to order, click "Order".

Order Successful

Your order has been successfully placed and you will receive an e-mail confirmation shortly.

A member of our team will be in touch to review and confirm your survey details ASAP.

Close

Order Survey Products [Upload Data](#)

Order Survey - Basic Details

Please describe in as much detail as possible what your requirements are for the survey.

LiDAR and aerial photography of the river crossing showing in the

Contact XXX @ XXX to agree access on the day

Survey Date

Due to factors such as changing weather conditions, it is not always possible to stick to an exact flight date. Therefore please specify a general timeframe in which you would like the survey completed.

The survey should be performed at some point between 31/03/2020 15:00 and 31/03/2020 19:00

Advanced Details (optional) >

Optional: Let us know if you have specific requests regarding the sensors used, types of data collected and the resolution of this data.

Sensors:

- LiDAR
- Hyperspectral
- RGB / Optical
- Multispectral
- Optical Video
- Thermal Video

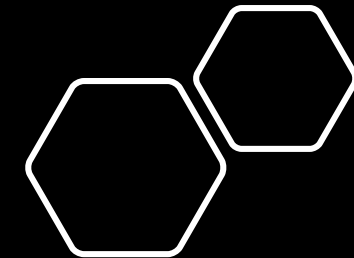
Preferred Resolution: [?] 10cm

Image Products:

- Oblique Imagery
- Orthomosaic
- Digital Surface Model
- Digital Terrain Model
- Video
- NDVI
- LiDAR
- Photogrammatry

[Request a Quote](#)

You will be contacted by a member of our team to confirm the details of your survey and estimate a cost.



The sales team will then be notified of your order and will correspond directly with you via email, providing you with a quote and timeframe for the work to be carried out.



GeoA Platform

Booking geospatial surveys, viewing, analysing and downloading satellite and airborne data

