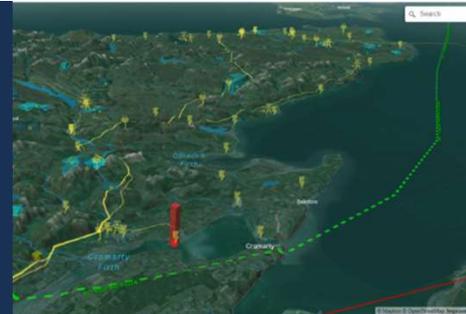




# Olsights Eye Quickstart Guide v.1.2



04 May 2024



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# Update Notes

Summary of main improvements to be aware of:

- Focussing on more clearly isolating and understanding the primary dataset in each **Data View** (eg Emissions, Capture Plants, Hydrogen, wind etc)
- Improved context options based on selection of primary **Data View**: filtering / aggregating options available are all based on that primary dataset
- We have given the User more control in **Development Context Layers** to select more or less data layers that are complementary to understanding the developments (such as infrastructure, licencing, storage etc) - or even switch all of these off for a stripped back minimal view of the core data.
- We have also separated out the ability to look at the data points across space: the **Data View Format** option allows heatmaps and/or 3D extrusions to be switched on or off.
- We have improved the use of the lasso tool & result calculator in **Geographical Analysis** - so it's a bit easier to use.
- We've added **alternative base maps** to the 'geographical' one we've traditionally used, with the addition of simpler/ flat 'Light' and 'Dark' views allowing options to focus on that core dataset.
- Improved colour-coding of the **carbon & energy storage** candidates to tell difference between eg salt fields, saline aquifer, depleted hydrocarbon stores etc.

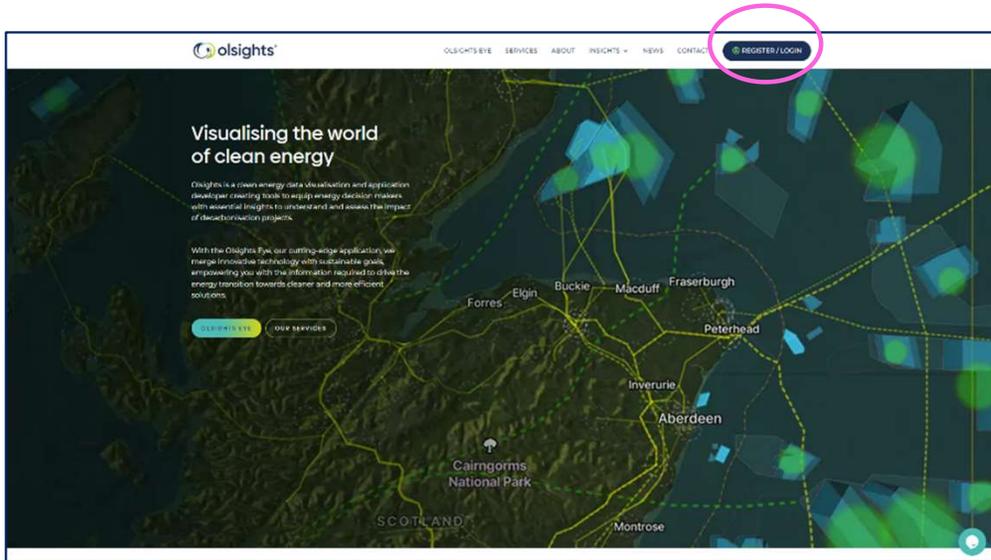
Work in progress for rest of May includes:

- '**Cluster**' style as alternative to heat map style for understanding clustering,
- Geographic measuring tool to **add option for adding data per country / region / local county** etc
- **Improvements to styling of labelling** for developments and infrastructure
- **Adding data cables** layer for understanding colocation of Data Centre & energy projects.

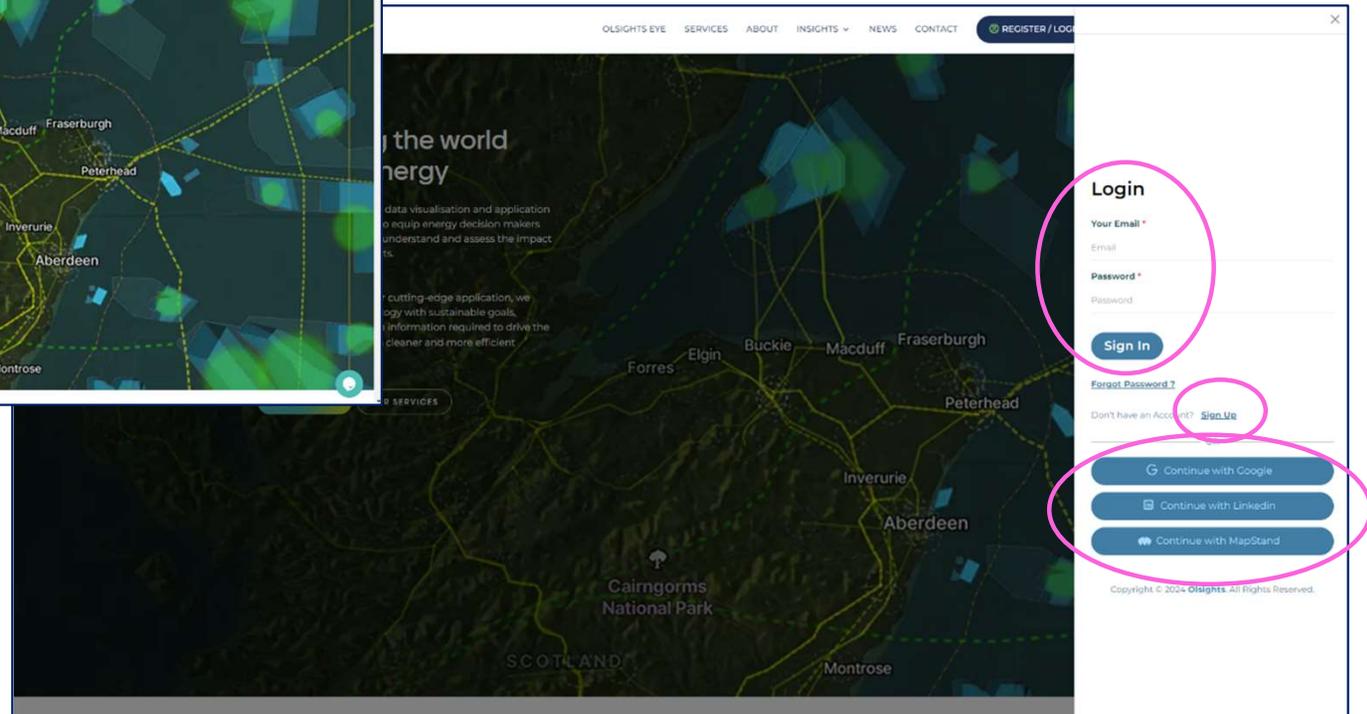
**What would you like to see?**

**Let us know!**

# Signing In



Sign up or sign in (various options) via [www.olsights.com](http://www.olsights.com)



# Once Signed In

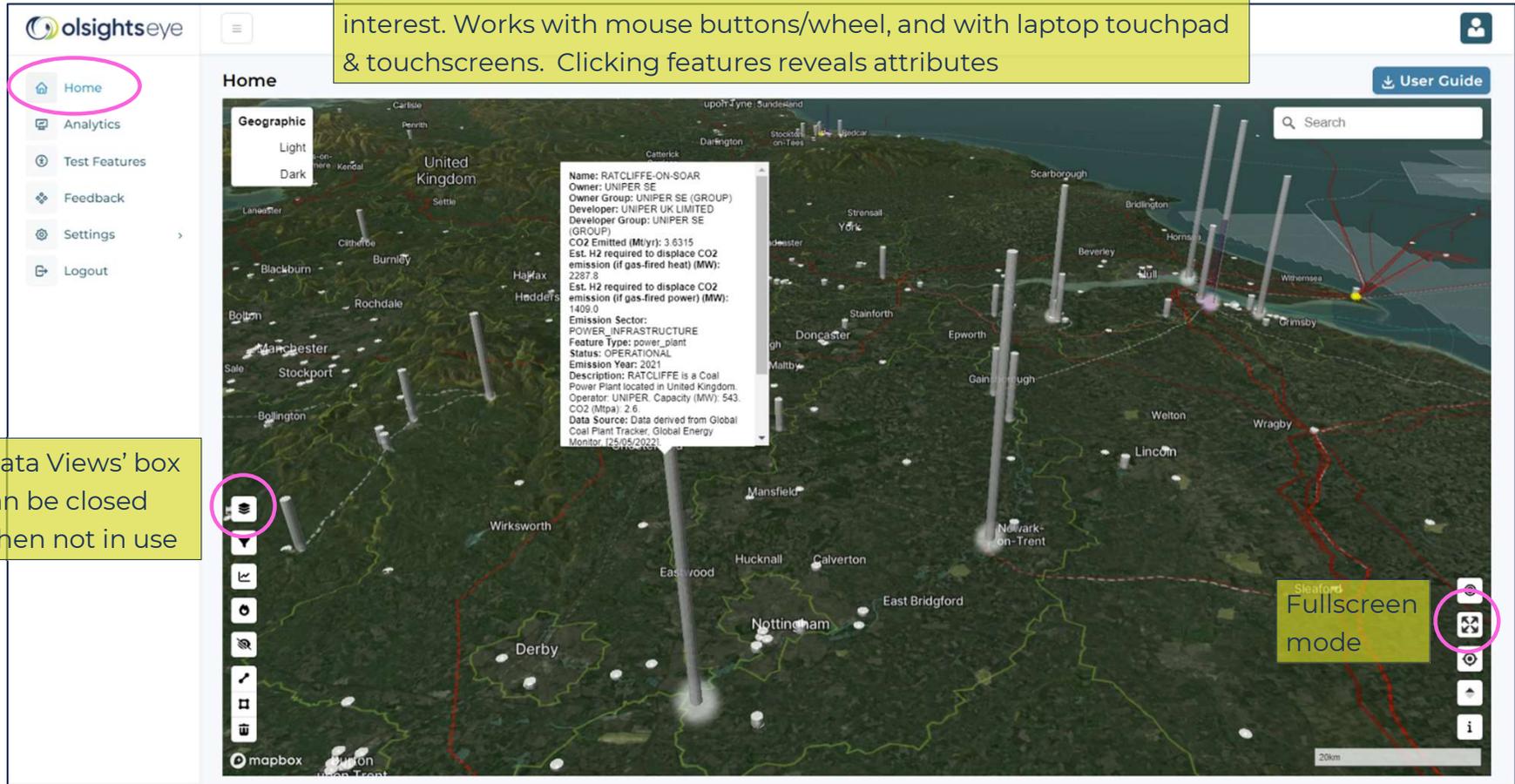
Latest User Guide

Profile Mgt

The screenshot shows the Olsights Eye dashboard. On the left is a navigation sidebar with a menu icon at the top. The sidebar contains the following items: Home, Analytics, Test Features, Feedback, Settings, and Logout. A pink oval highlights this entire sidebar, with a yellow box below it labeled "Main Content Selection". At the top right of the dashboard, there is a user profile icon and a "User Guide" button with a download icon. A pink arrow points from a yellow box labeled "Latest User Guide" to the "User Guide" button. Another pink oval highlights the "User Guide" button, with a yellow box above it labeled "Profile Mgt". The main content area features a world map with a search bar at the top right. A yellow box is overlaid on the map with the text "Main Content (Spatial App/ Analytic Dashboard/ Test Features etc)".

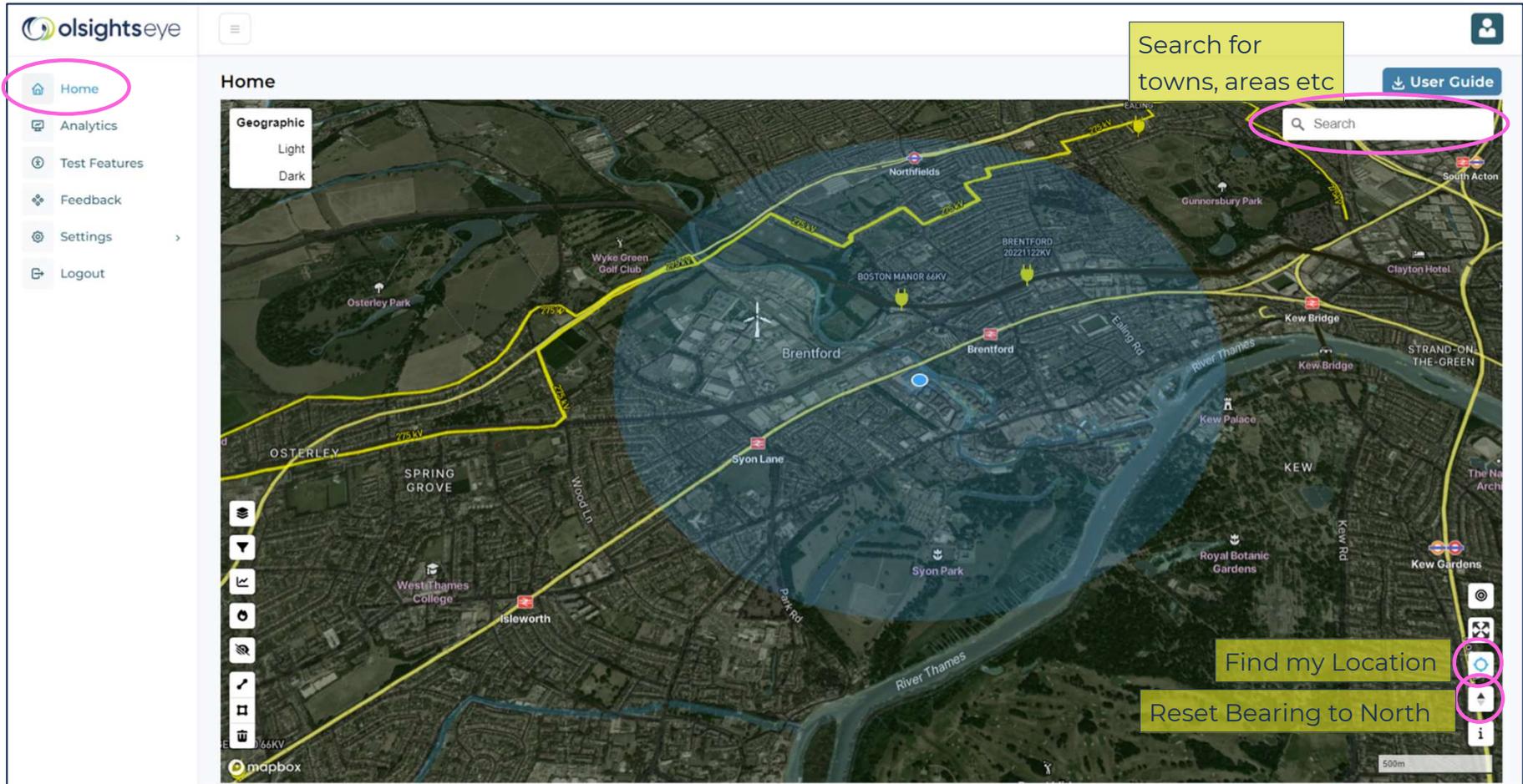
# Spatial App – Controlling Map View

Map view can be zoomed, rotated, pitched etc. to examine areas of interest. Works with mouse buttons/wheel, and with laptop touchpad & touchscreens. Clicking features reveals attributes



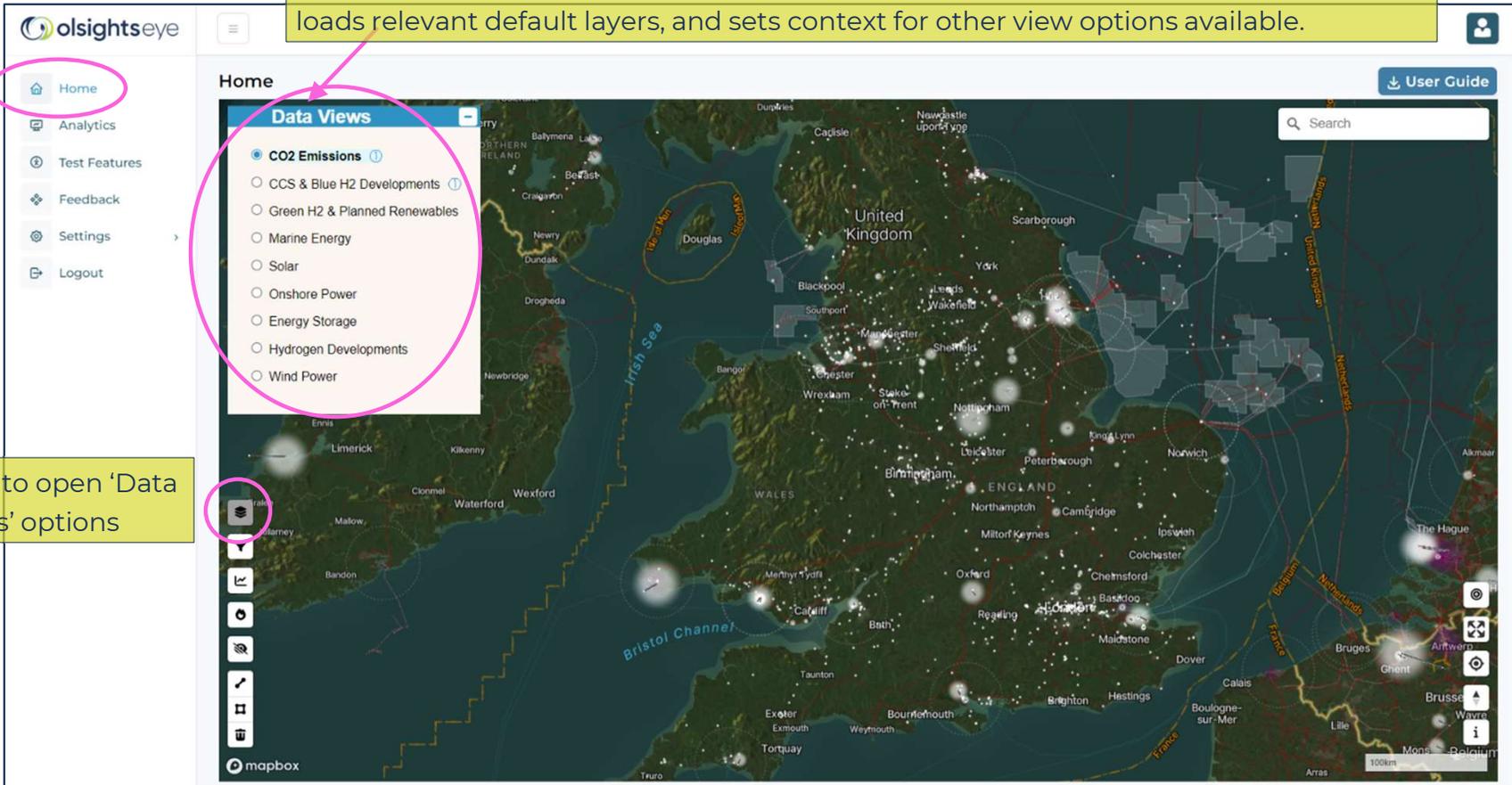
'Data Views' box can be closed when not in use

# Spatial App – Map Orientation



# Spatial App – Data Views

Each 'Data View' is a collection of relevant project/ infrastructure layers. Selecting one loads relevant default layers, and sets context for other view options available.

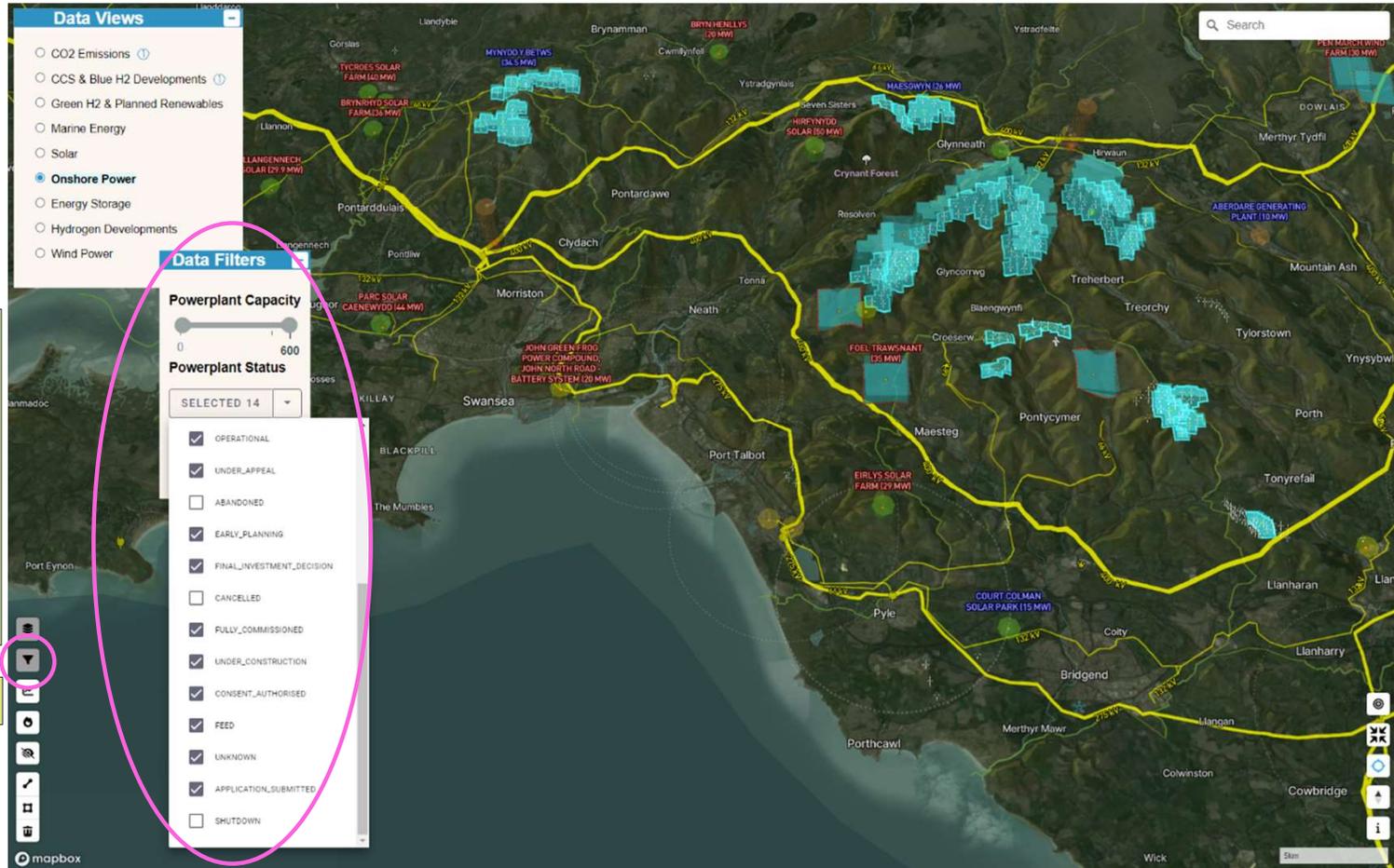


The screenshot shows the Olsights Eye application interface. On the left is a navigation sidebar with options: Home, Analytics, Test Features, Feedback, Settings, and Logout. The 'Home' option is circled in pink. The main content area is titled 'Home' and features a 'Data Views' panel. This panel contains a list of data view options: CO2 Emissions (selected), CCS & Blue H2 Developments, Green H2 & Planned Renewables, Marine Energy, Solar, Onshore Power, Energy Storage, Hydrogen Developments, and Wind Power. A pink circle highlights the 'Data Views' panel. Below the sidebar, a yellow callout box says 'Click to open 'Data Views' options' with an arrow pointing to a map icon. The main map area displays a satellite-style map of the United Kingdom and surrounding regions, with various data layers overlaid. A search bar and a 'User Guide' button are visible in the top right corner of the map area.

# Spatial App – Data Filters

Depending on main Data View selected, contextual Data filters Layers may be selected/ disabled to modify both the data shown on the screen and available for geographic analysis.

Click for Data Filters



**Data Views**

- CO2 Emissions
- CCS & Blue H2 Developments
- Green H2 & Planned Renewables
- Marine Energy
- Solar
- Onshore Power
- Energy Storage
- Hydrogen Developments
- Wind Power

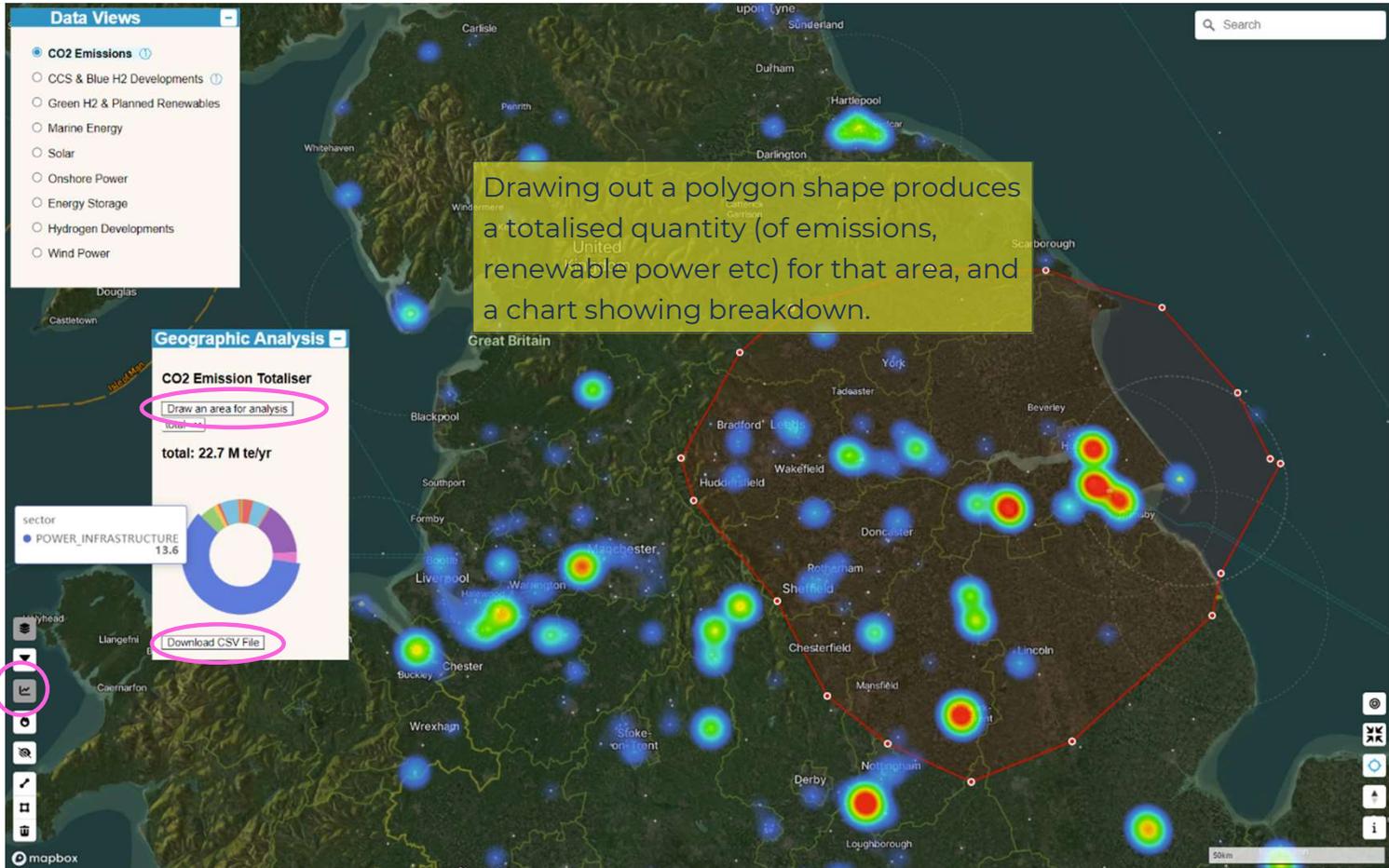
**Data Filters**

**Powerplant Capacity**  
 0 ————— 600

**Powerplant Status**  
 SELECTED 14

- OPERATIONAL
- UNDER\_APPEAL
- ABANDONED
- EARLY\_PLANNING
- FINAL\_INVESTMENT\_DECISION
- CANCELLED
- FULLY\_COMMISSIONED
- UNDER\_CONSTRUCTION
- CONSENT\_AUTHORISED
- FEED
- UNKNOWN
- APPLICATION\_SUBMITTED
- SHUTDOWN

# Spatial App – Geographic Analysis



Drawing out a polygon shape produces a totalised quantity (of emissions, renewable power etc) for that area, and a chart showing breakdown.

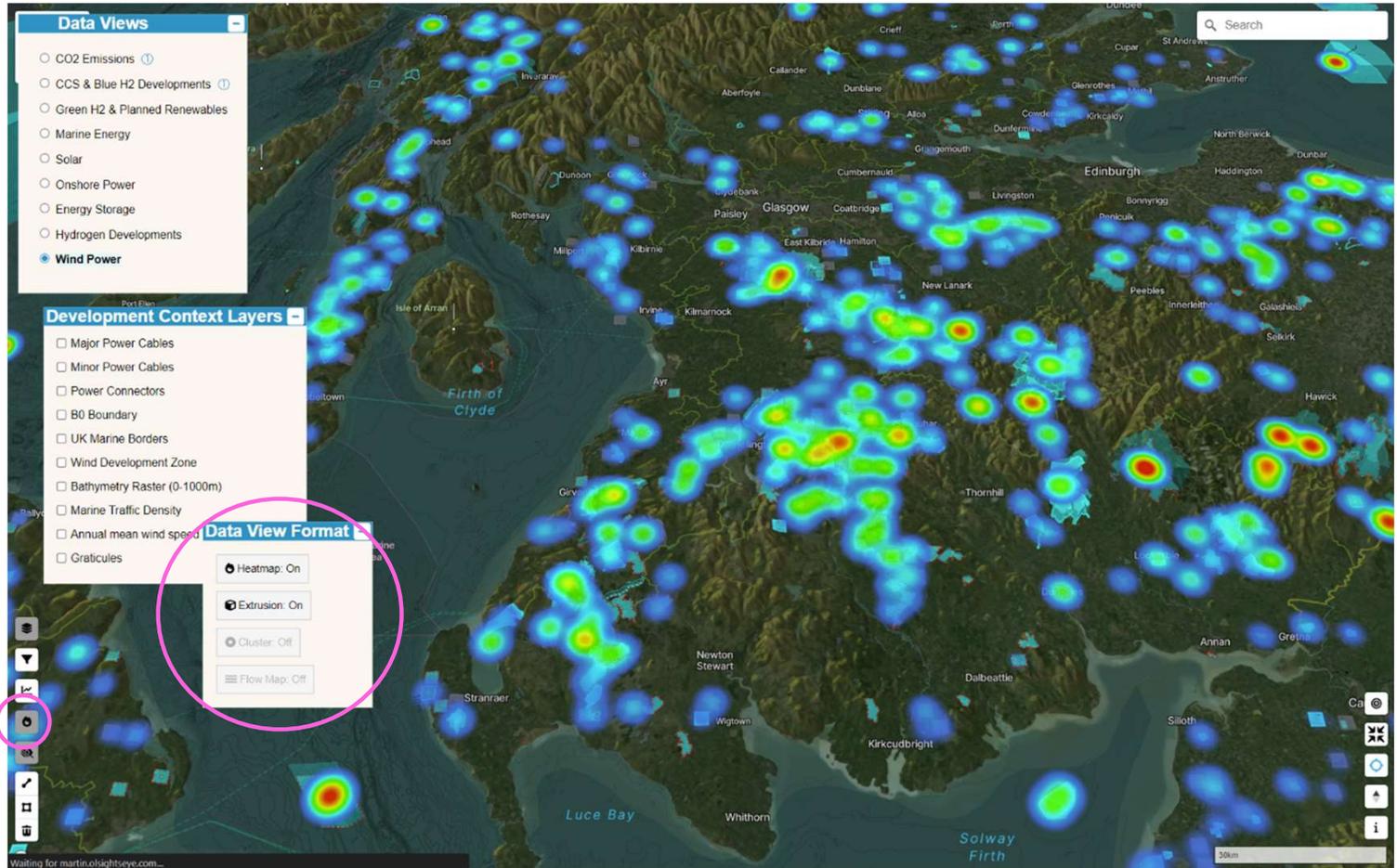
Depending on main Data View selected AND Data Filters applied, custom geographic areas may be selected via the lasso tool to aggregate results and offer csv download.

Click for Geographic Analysis

# Spatial App – Data View Format

The format of the key data points in the main Data View selected can be viewed in custom ways to assist with understanding of clustering – by toggling heatmap or 3D extrusions.

Click for Data View Format



**Data Views**

- CO2 Emissions
- CCS & Blue H2 Developments
- Green H2 & Planned Renewables
- Marine Energy
- Solar
- Onshore Power
- Energy Storage
- Hydrogen Developments
- Wind Power

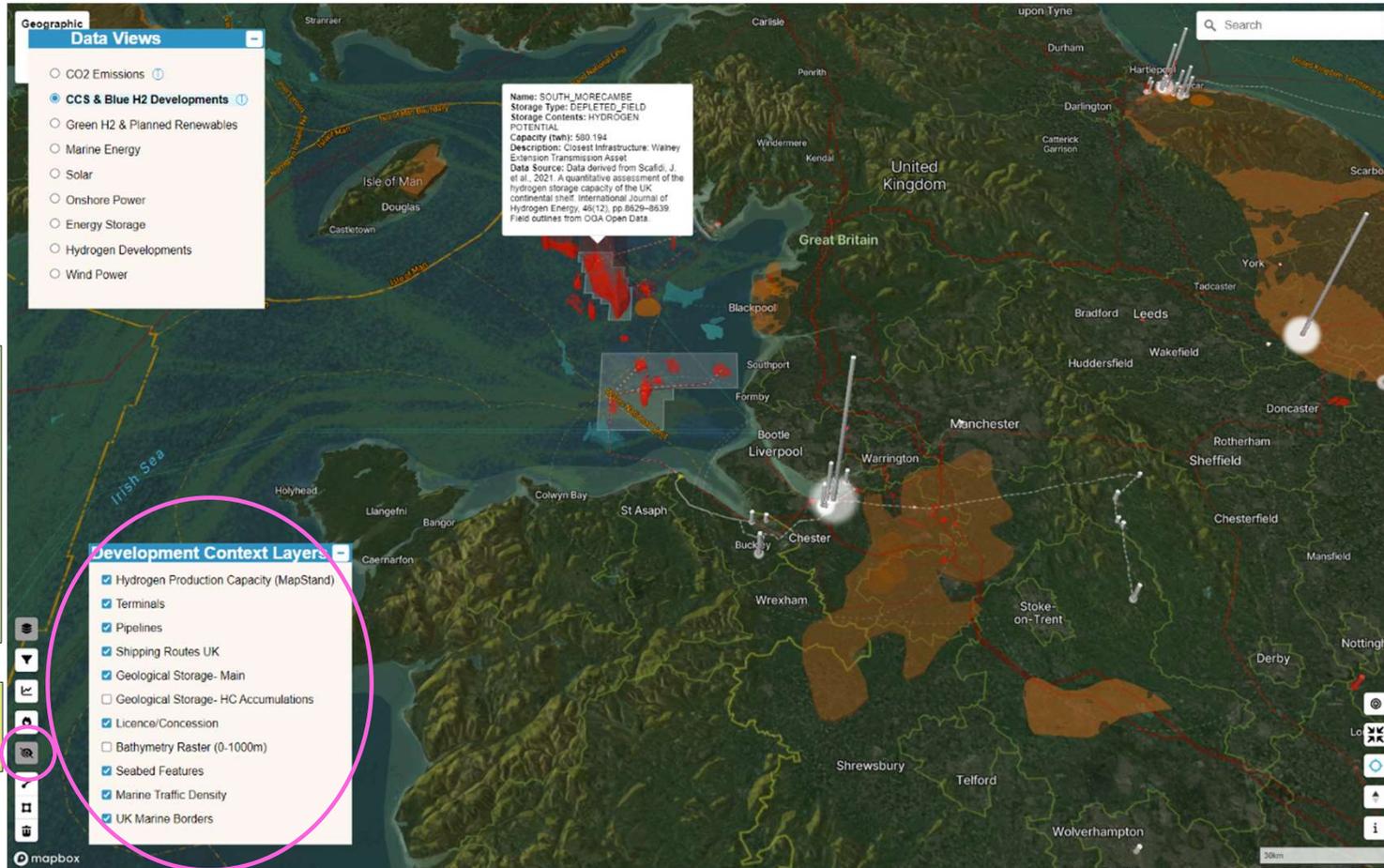
**Development Context Layers**

- Major Power Cables
- Minor Power Cables
- Power Connectors
- B0 Boundary
- UK Marine Borders
- Wind Development Zone
- Bathymetry Raster (0-1000m)
- Marine Traffic Density
- Annual mean wind speed
- Graticules

**Data View Format**

- Heatmap: On
- Extrusion: On
- Cluster: Off
- Flow Map: Off

# Spatial App – Development Context Layers

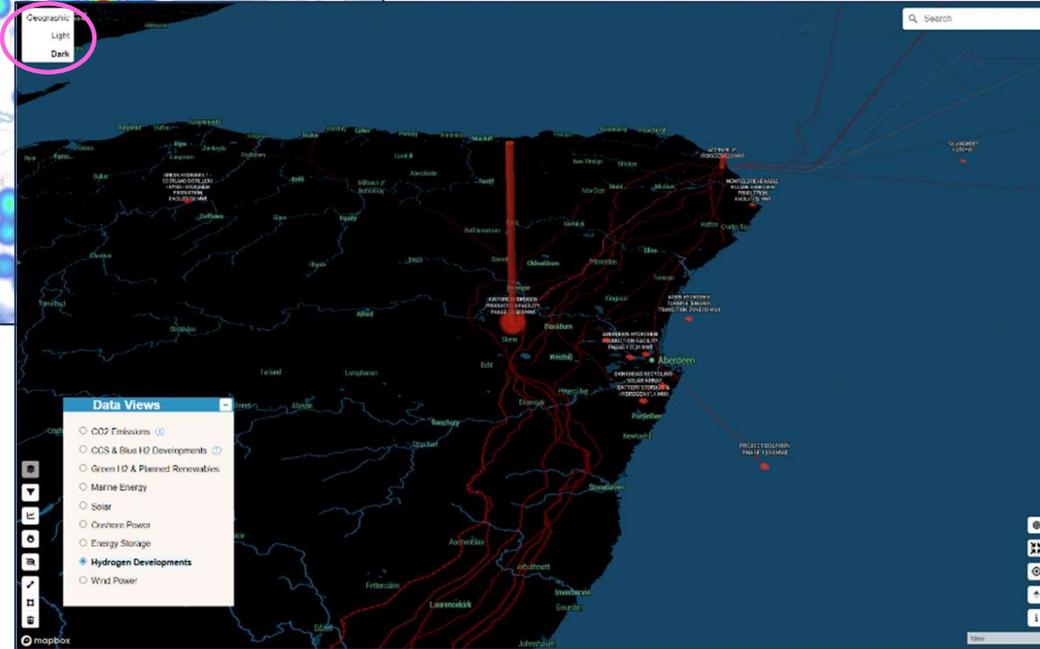
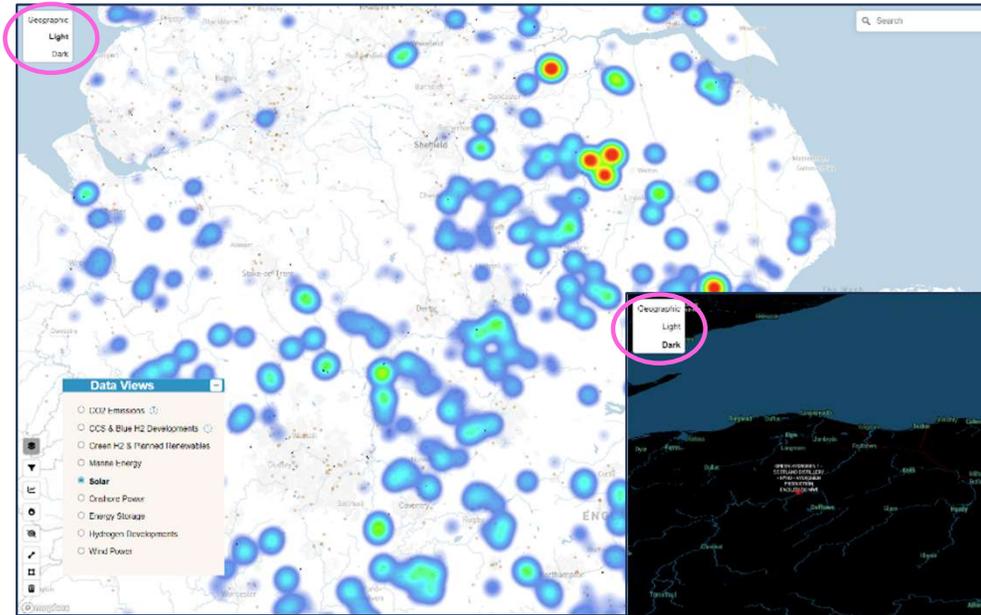


Depending on main Data View selected, custom Development Context Layers may be selected/ disabled to either add spatial context, or remove visual clutter.

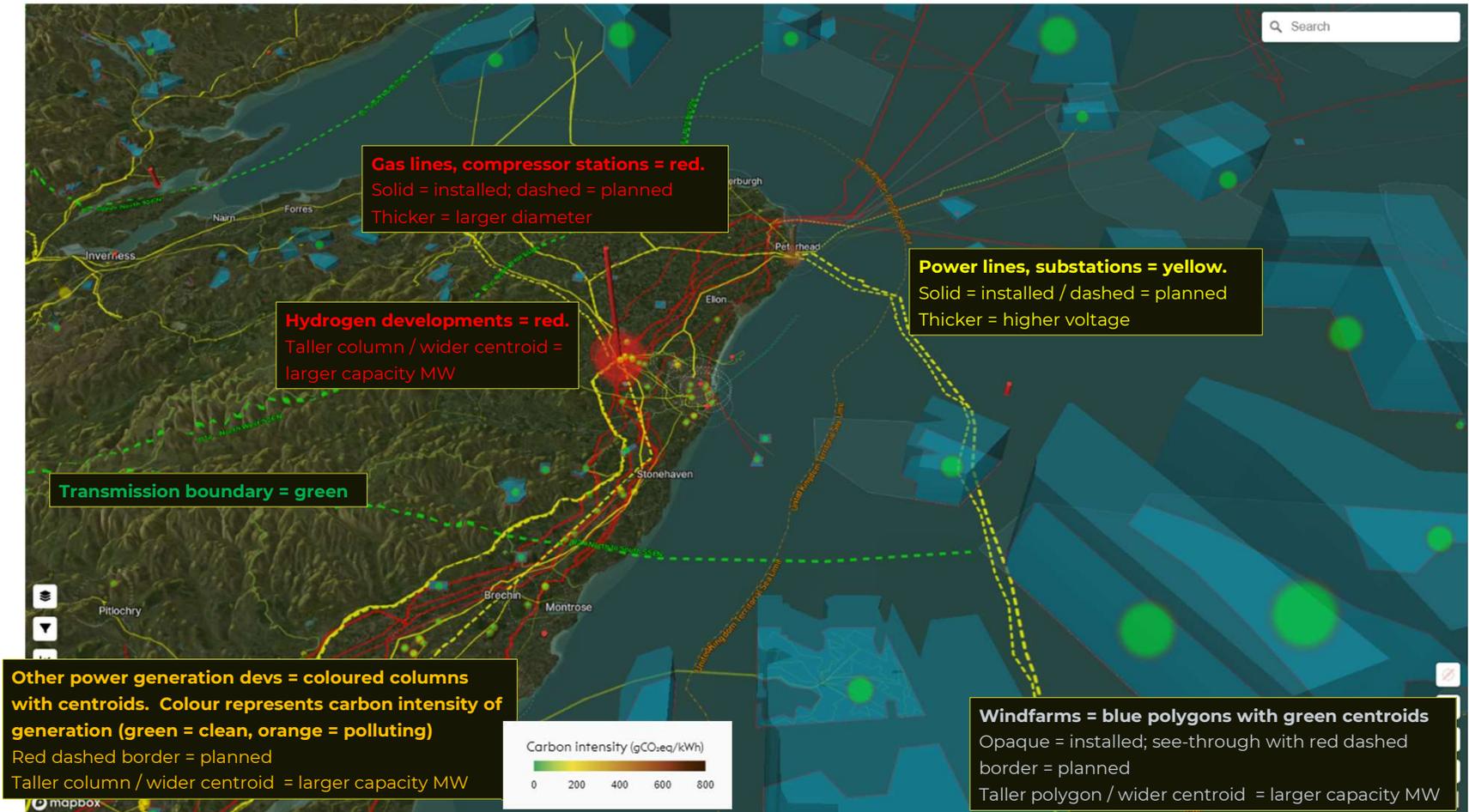
Click for Development Context Layers

# Spatial App – Alternate Base Maps

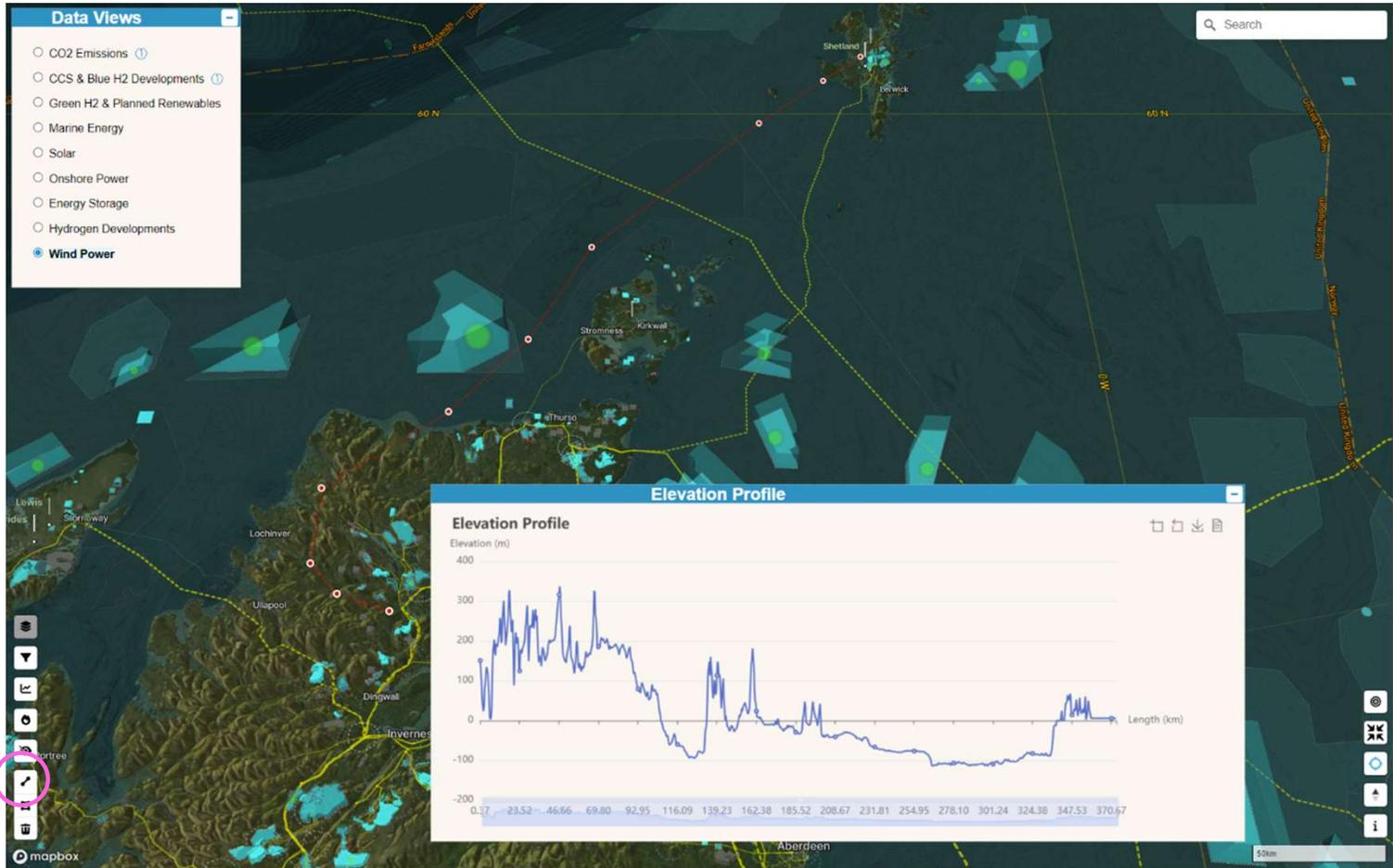
Users now have the option to select simple light or dark base maps as an alternative to the geographic style, to suit preferences  
 For result presentation



# Spatial App – Styling Legend/ notes



# Spatial App – Measuring Distances



Drawing a custom line between two points (onshore or offshore) produces distance + profile

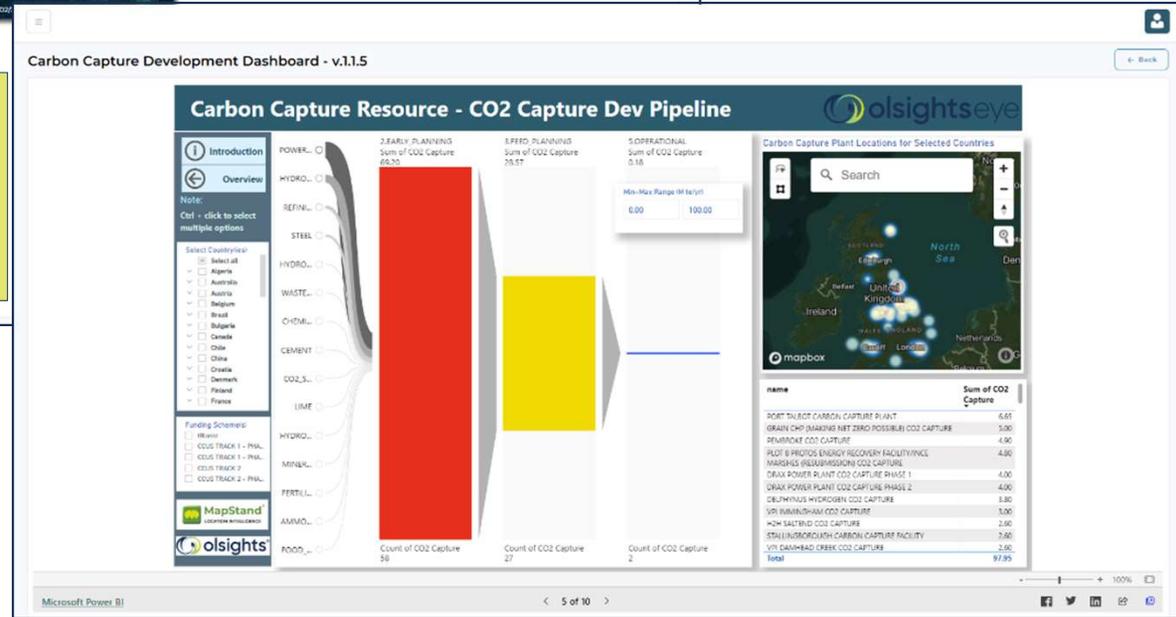
Click to activate line measuring / profile tool

# Analytic Dashboards

Pro Users have access to a suite of analytic dashboards under 'Analytics' menu option, which complement the main spatial app and offer additional visualisation options on the same data

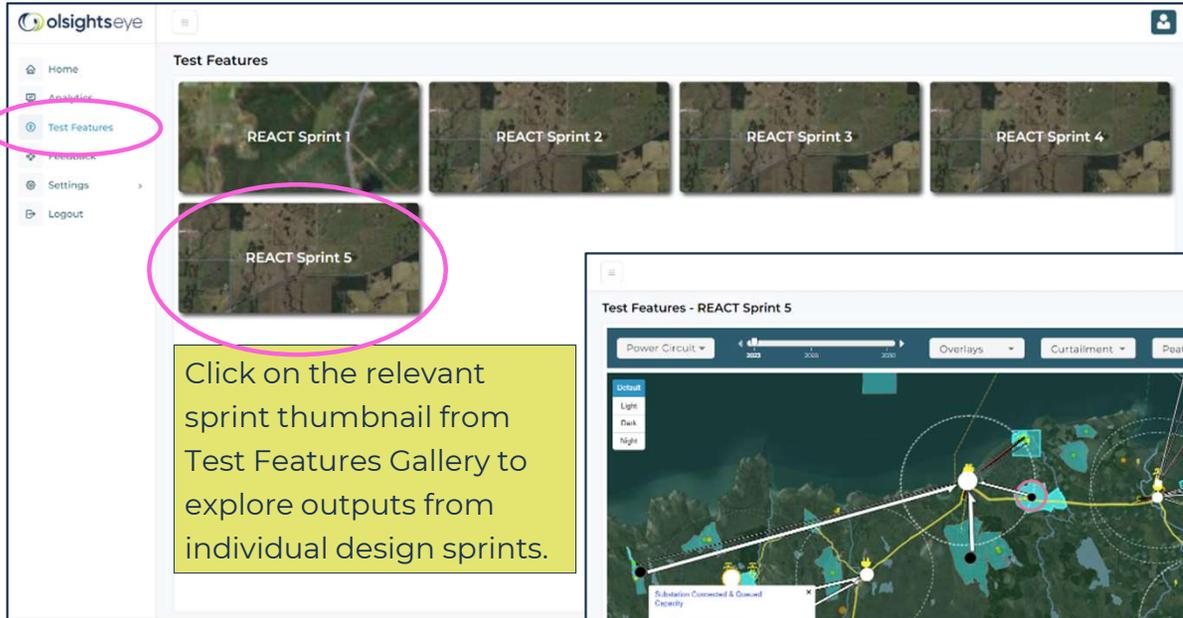


Click on the relevant dashboard thumbnail from Analytics Gallery to explore individual dashboards on global development activity.

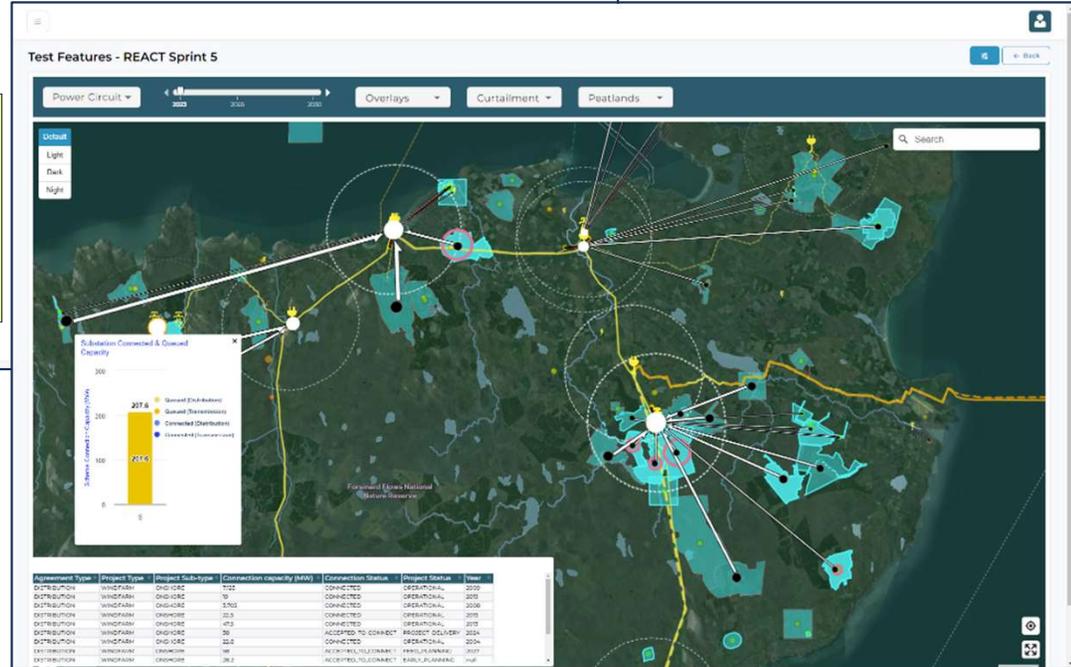


# Test Features

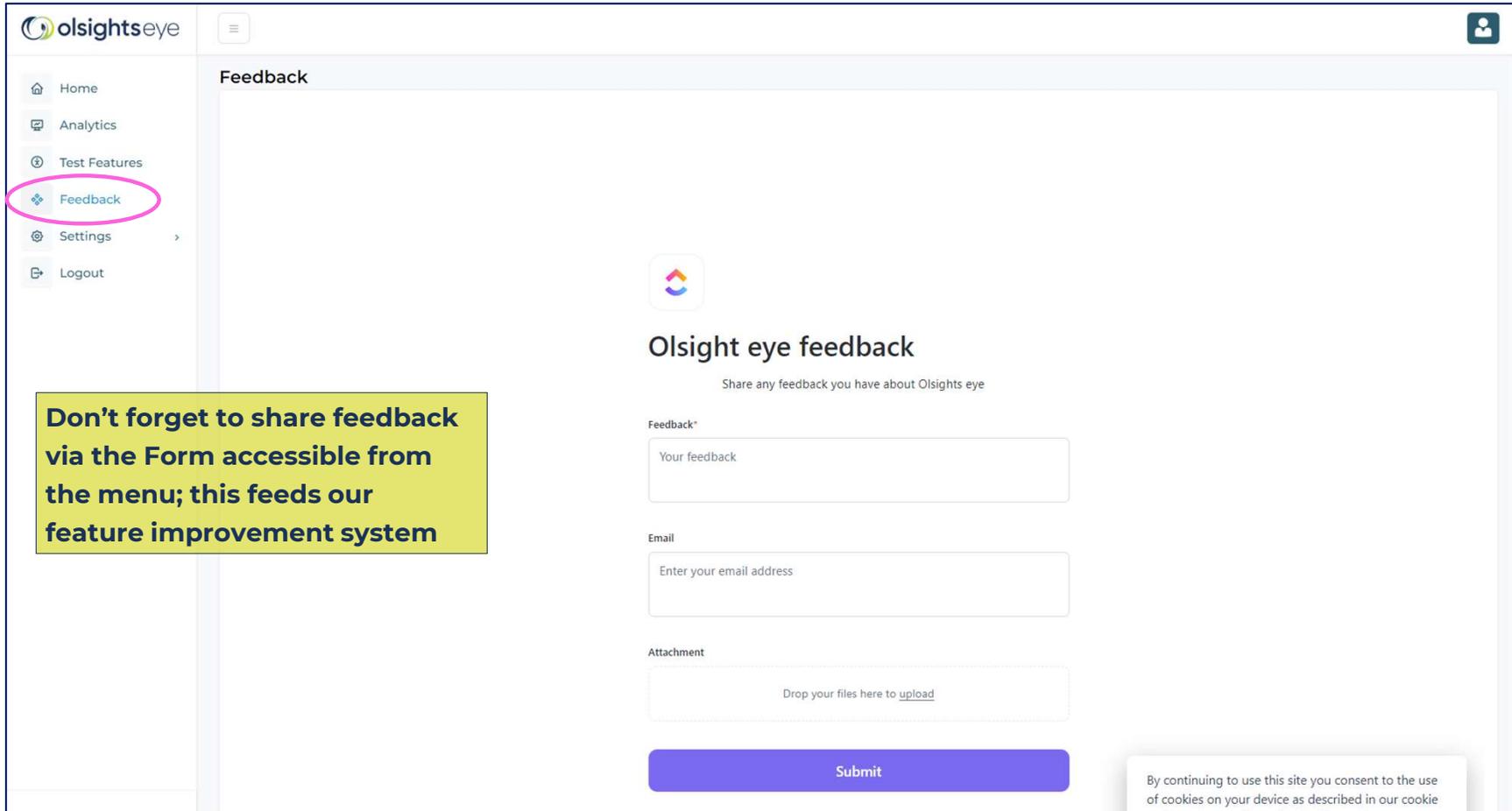
If User assigned membership of specific project User Group (eg REACT alpha), Test Features menu will be visible



Click on the relevant sprint thumbnail from Test Features Gallery to explore outputs from individual design sprints.



# Feedback



**Don't forget to share feedback via the Form accessible from the menu; this feeds our feature improvement system**

**Olsight eye feedback**  
Share any feedback you have about Olsights eye

Feedback\*

Your feedback

Email

Enter your email address

Attachment

Drop your files here to [upload](#)

**Submit**

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