



# TAKING A UNIQUE THERMAL DATA SOURCE TO MARKET

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3 MAY 2023



# SATELLITE VU: ABOUT US

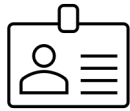
## ABOUT US



UK  
BASED



SERIES A  
COMPLETED



EXPERIENCED  
TEAM  
40+ STAFF



1<sup>ST</sup> LAUNCH WITH  
SPAGEX – 8<sup>TH</sup> JUNE

## KEY PERSONNEL



ANTHONY  
BAKER  
CEO



CAMILLA  
TAYLOR  
CFO



TOBIAS  
REINICKE  
CTO



ALAN  
BETRIDGE  
CCO



ALEX GOW  
SALES  
DIRECTOR



TIMOTHY  
PUCKORIUS  
VP SALES & BD

## OUR INVESTORS



Molten

a/c proptech

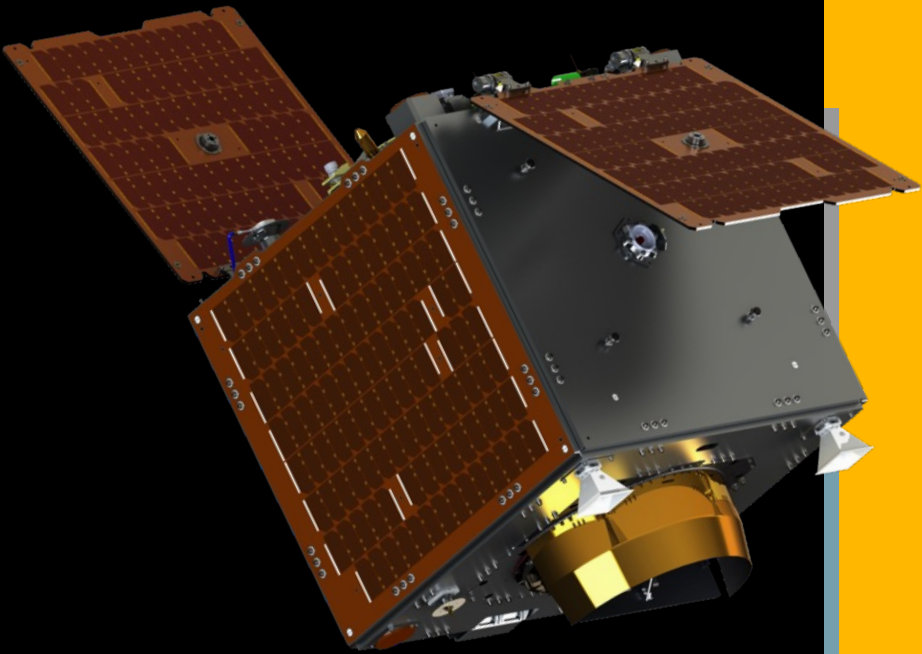


ESF

EZMC



# SATELLITE VU UNIQUE INFRARED CONSTELLATION



## SPECIFICATIONS:

HIGH RESOLUTION - 3.5M<sub>NADIR</sub>

MID-INFRARED - 3.4-5.0  $\mu\text{m}$

SENSITIVITY - <2K

VIDEO - UP TO 60 SEC @ 25 FRAMES/SEC

DAY & NIGHT IMAGING

## CONSTELLATION:

LAUNCHING JUNE 2023

8 SATELLITE CONSTELLATION - 2 IN POLAR, 6 IN MIO

10 - 20 REVISITS/DAY OVER SAME TARGET

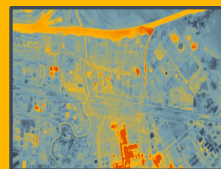
GLOBAL COVERAGE

AGILE BUS/CAMERA

FULLY TASKED FROM WEB-BASED PLATFORM

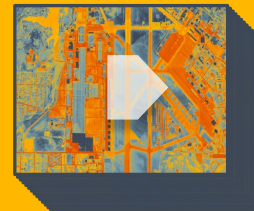
## IMAGING MODES:

4.4km

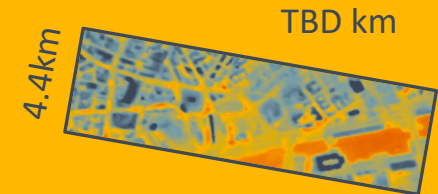


3.5km

SINGLE IMAGE



VIDEO MODE



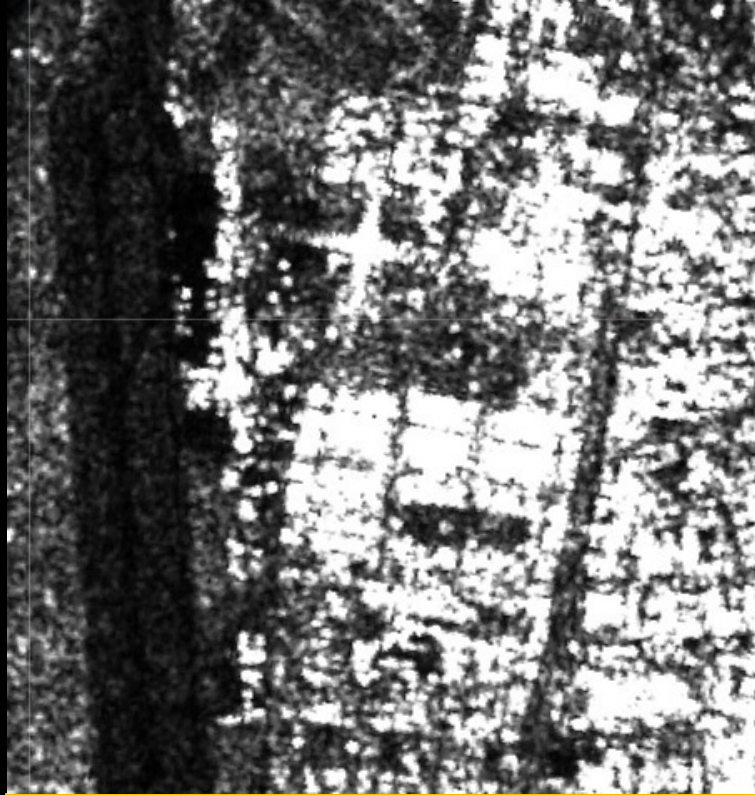
STRIP MODE

# EXPANDING THE SPECTRUM IN HIGH RESOLUTION OPTICAL, SAR AND THERMAL INFRARED



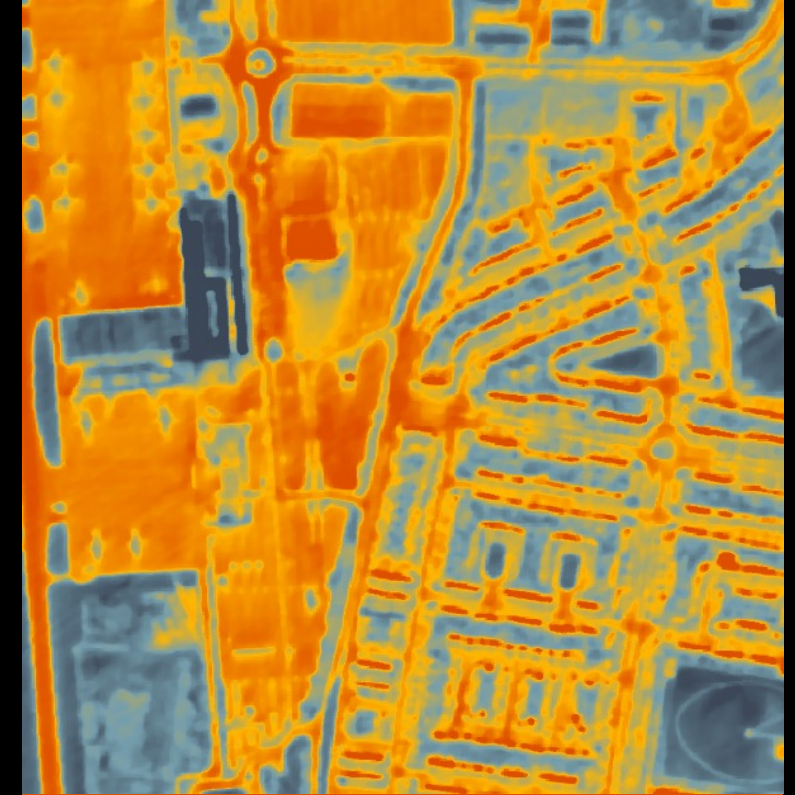
**Visible & NIR**

Cannot see at night or detect heat emissions



**SAR**

Visible & SAR can detect physical changes to the outside of structures & objects



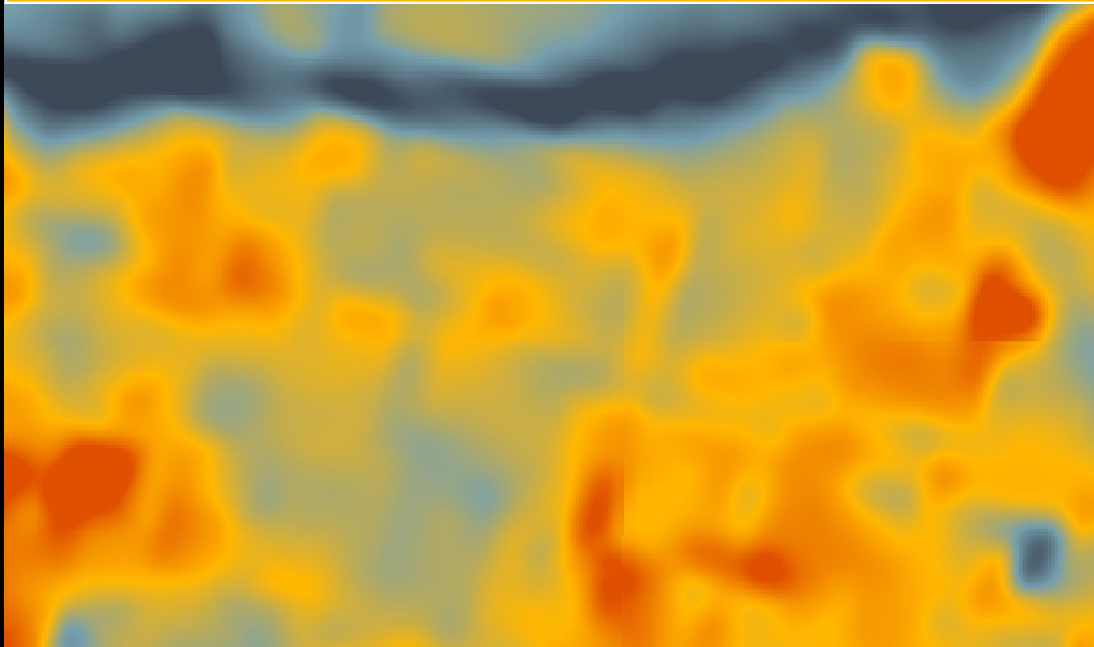
**Thermal Infrared (TIR)**

Satellite Vu opens the box to “see” what’s happening inside

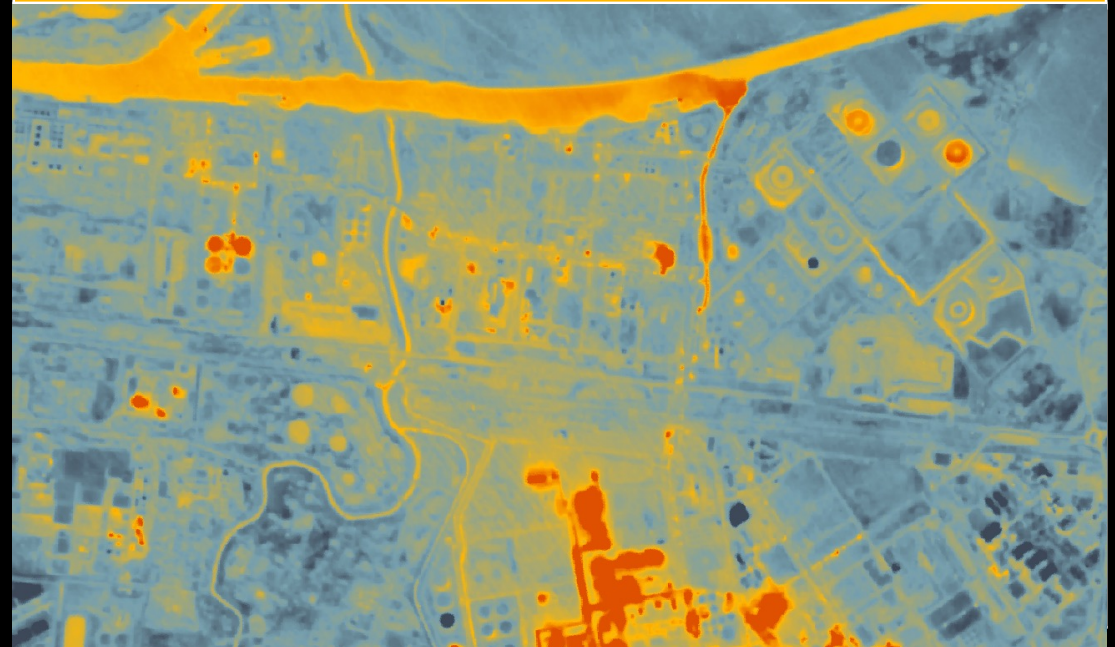
**SATELLITE VU TECHNOLOGY:**

**HIGH-RESOLUTION THERMAL DATA FROM SPACE**

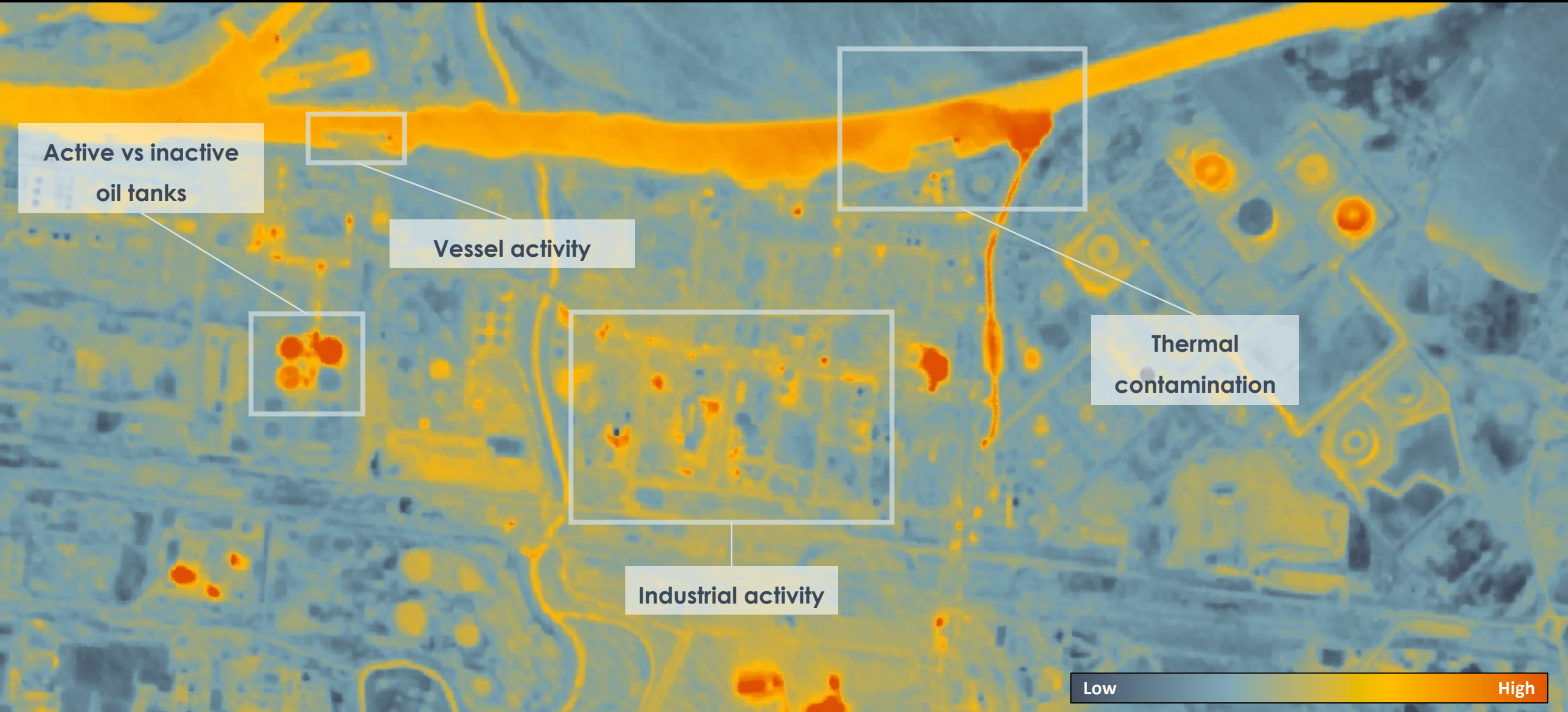
**AVAILABLE LANDSAT  
100M RESOLUTION**



**NEW SATELLITE VU  
3.5M RESOLUTION**



# ZOOMING IN: ORDERS OF MAGNITUDE HIGHER RESOLUTION



# SATELLITE VU: EARLY ACCESS PROGRAMME

The screenshot displays the Satellite Vu Search Center interface. At the top, there are navigation tabs for 'Search Center', 'Orders', and 'Documentation'. The user is identified as 'Alex Gow' with a user ID. The main search area shows a search for 'Rotterdam, South Holland, Netherlands'. The search results list several satellite passes on April 03, 2023, at 12:25 am (+00:00). Each result shows the percentage of area covered and cloud coverage. A map on the right shows the search area over Rotterdam, with a yellow grid indicating the satellite's path. The interface also includes a sidebar for 'Archive Imagery' and a search bar.

Date	Time	Credits	Covered Area	Cloud Coverage
April 03, 2023	12:25 am (+00:00)	1	0.5% covered (63km <sup>2</sup> )	0% cloud coverage
April 03, 2023	12:25 am (+00:00)	1	0.4% covered (49km <sup>2</sup> )	0% cloud coverage
April 03, 2023	12:25 am (+00:00)	1	0.2% covered (26km <sup>2</sup> )	0% cloud coverage
April 03, 2023	12:21 am (+00:00)	1	0.1% covered (2km <sup>2</sup> )	0% cloud coverage
April 03, 2023	12:21 am (+00:00)	1	0.7% covered (86km <sup>2</sup> )	0% cloud coverage
April 03, 2023	12:21 am (+00:00)	1		

275/816 Results  
STAC Explorer v0.34.18

## TEST OUR DATA

No financial commitment - Access archive data via Satellite Vu platform to test use cases before launch

## INFLUENCE DEVELOPMENT

Influence Satellite Vu imagery collection and product development with your feedback

## SECURE LIMITED CAPACITY ON 1<sup>ST</sup> SATELLITE

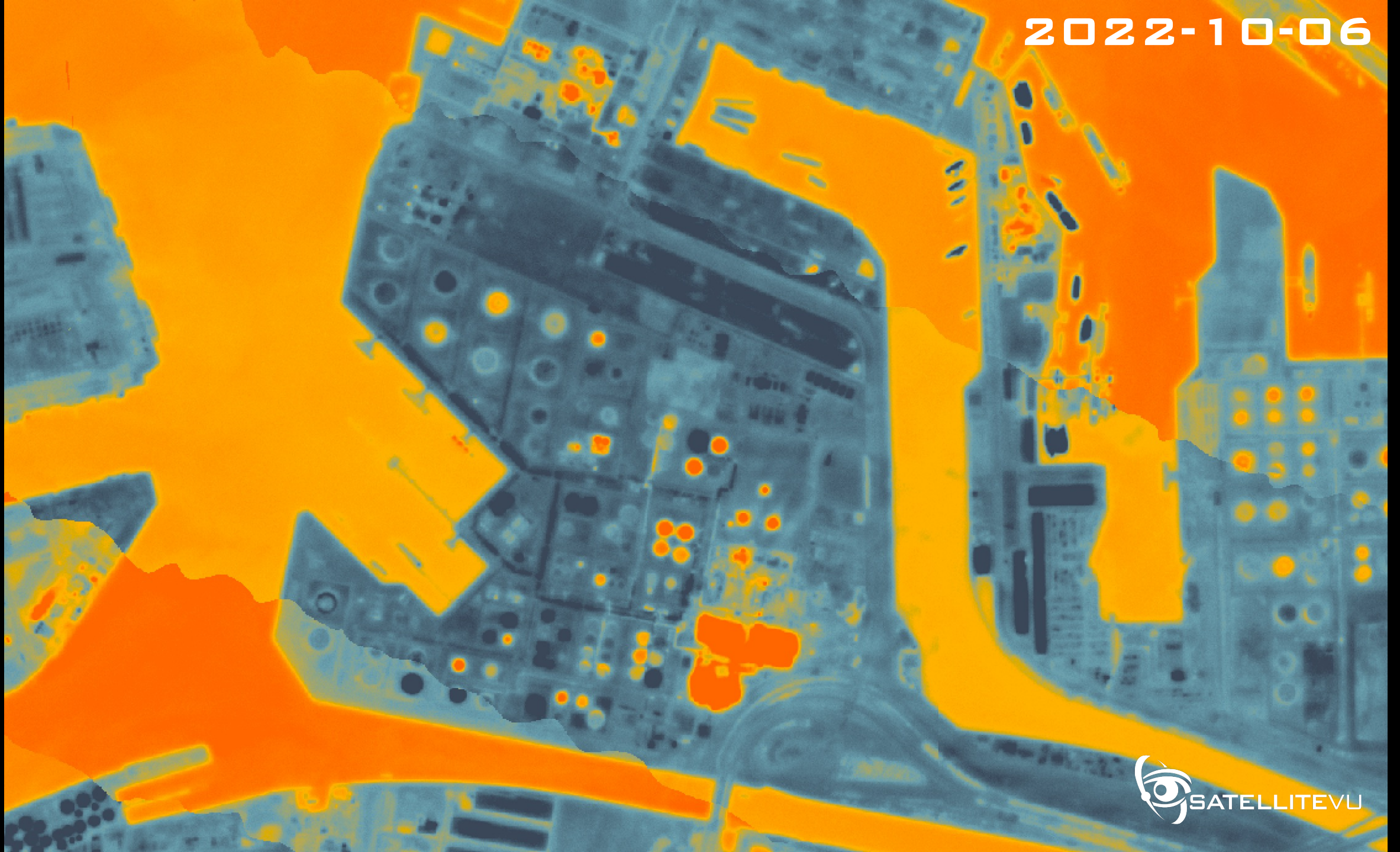
Secure capacity by entering into a Satellite Vu Services agreement



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2022-10-06



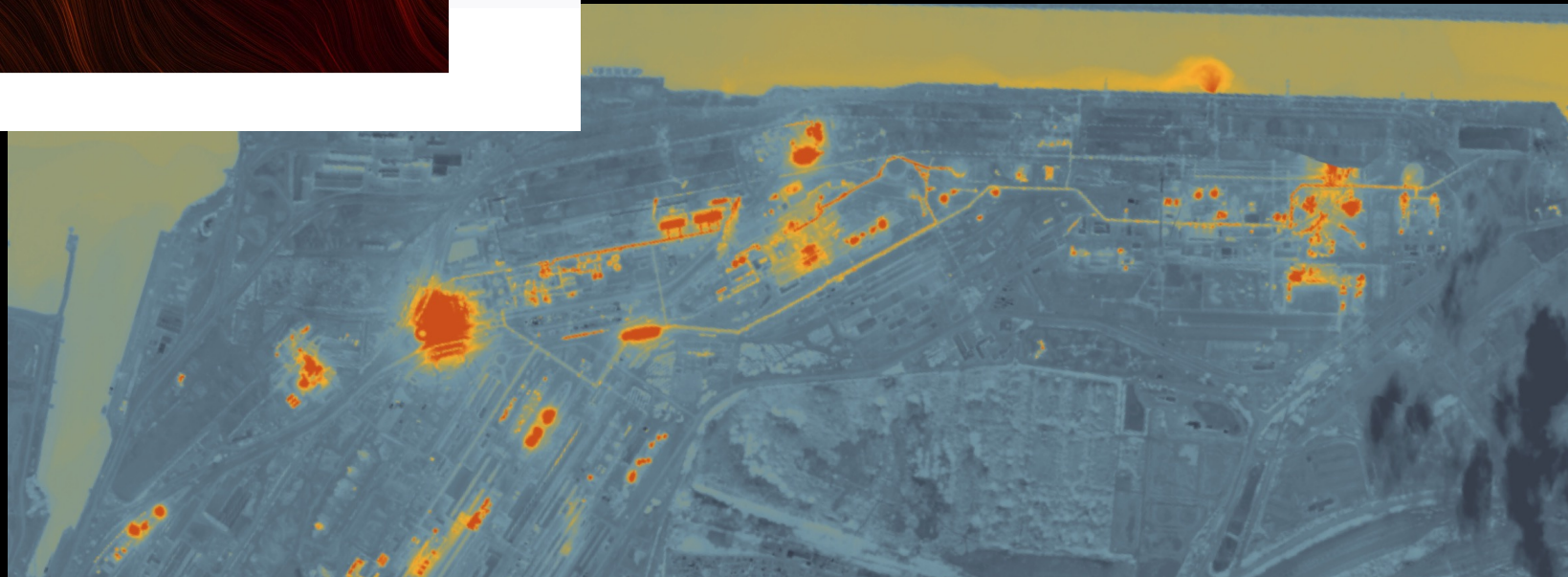
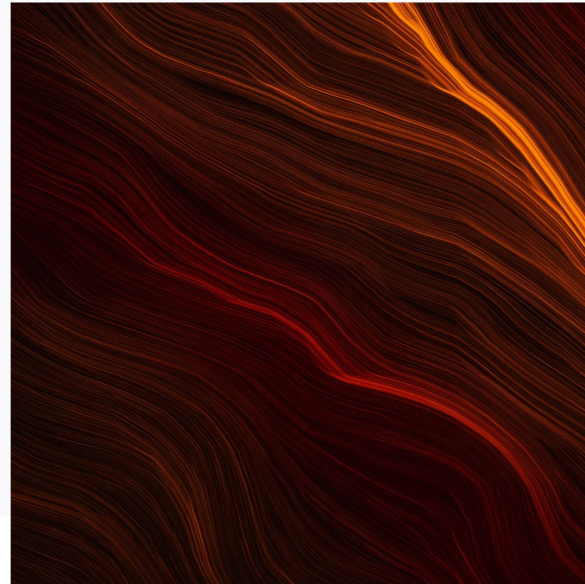
2023-04-02







# Breaking new ground in **dry bulk** commodities



## SATELLITE VU INSIGHTS:

# ASSESSING SOLAR FARM PERFORMANCE

### THERMAL ANOMALY DETECTION



We can extract thermal insights from solar panels that can indicate failures

### PERFORMANCE INDEX



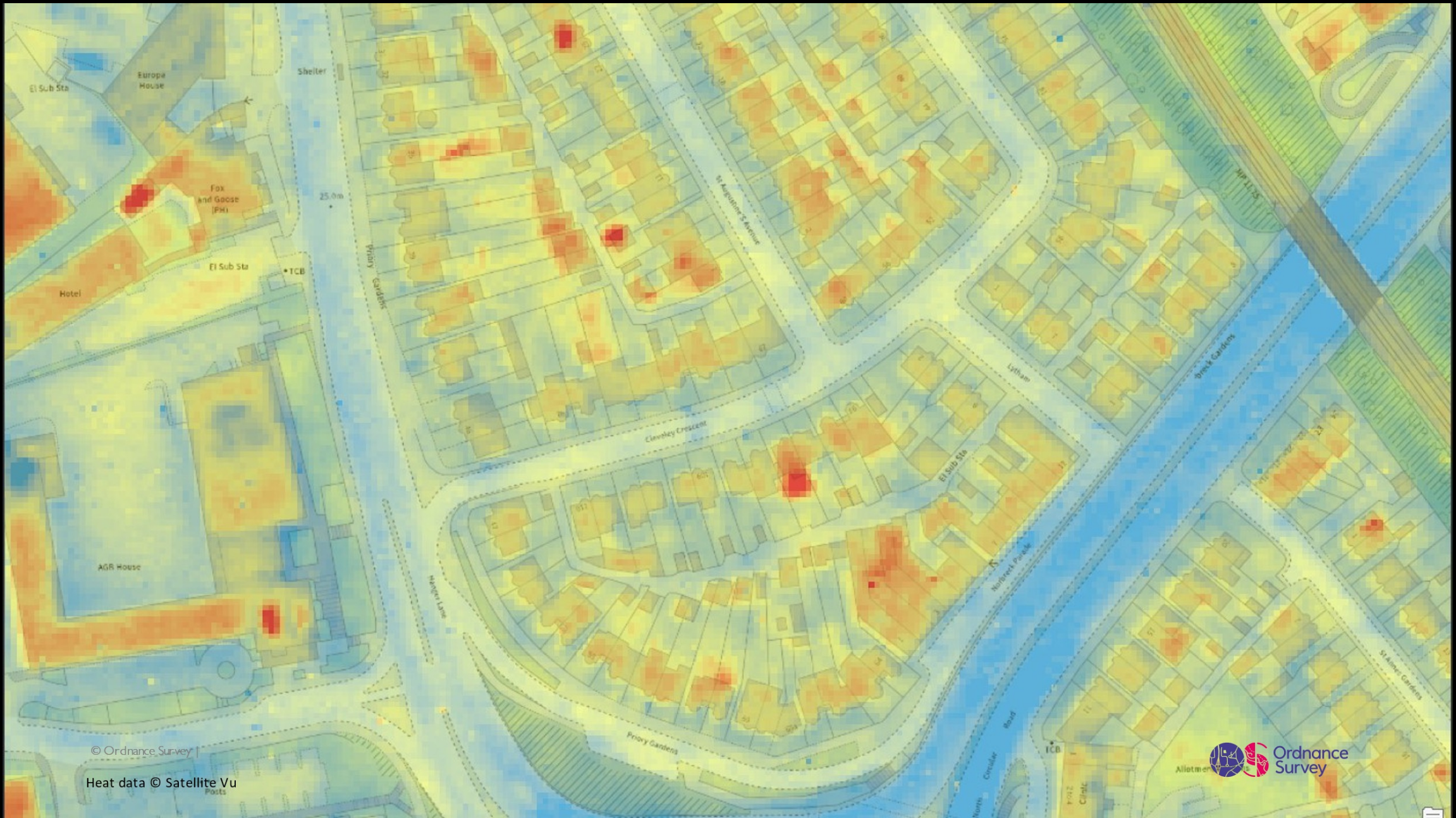
Running this assessment at scale enables faster fault finding and reduced downtime



# Your Urban Greening Insights Made Easy

**Discover insights from satellite imagery to increase tree canopy, reduce urban heat island, and strengthen green infrastructure**

**Learn about OPO Products**

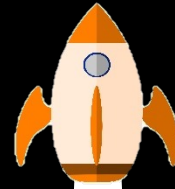


© Ordnance Survey

Heat data © Satellite Vu  
Posts



# TIMELINE



**H1 2024**  
LAUNCH 2<sup>ND</sup> SATELLITE

**2024 ONWARDS**  
LAUNCH FURTHER 6 SATELLITES

**8<sup>TH</sup> JUNE 2023**  
LAUNCH 1<sup>ST</sup> SATELLITE

**2021 & ONGOING**  
AERIAL FLIGHT SURVEYS &  
CUSTOMER POCs

**2022-23**  
SATELLITE BUILD  
DELIVERY & ANALYTICS PLATFORM  
DEVELOPMENT







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