



# AIDERS

## Deliverable 4.5 Final version of the incident mapping platform

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Project Name: **Real-time Artificial Intelligence for DEcision support via RPAS data analyticS**

Acronym: **AIDERS**

Grant Agreement: **873240**

Project Website: <http://www.kios.ucy.ac.cy/aiders/>

Version: **1.0**

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Funded by  
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The short video record demonstrates the AIDERS platform's incident mapping capabilities.

Specifically, it demonstrates:

- tiled and focused/thumbnailled views;
- two kind of widgets representing maps and real-time UAV video streams;
- widgets synchronisation on a common timestamp, showing different representations of the same world state;
- real-time object detection that are projected on the incident map;
- remote UAV path planning;
- UAV trajectory visualization;
- generation of picture mosaic of the monitored area;
- one click area inspection
- map tools for measurements and search.

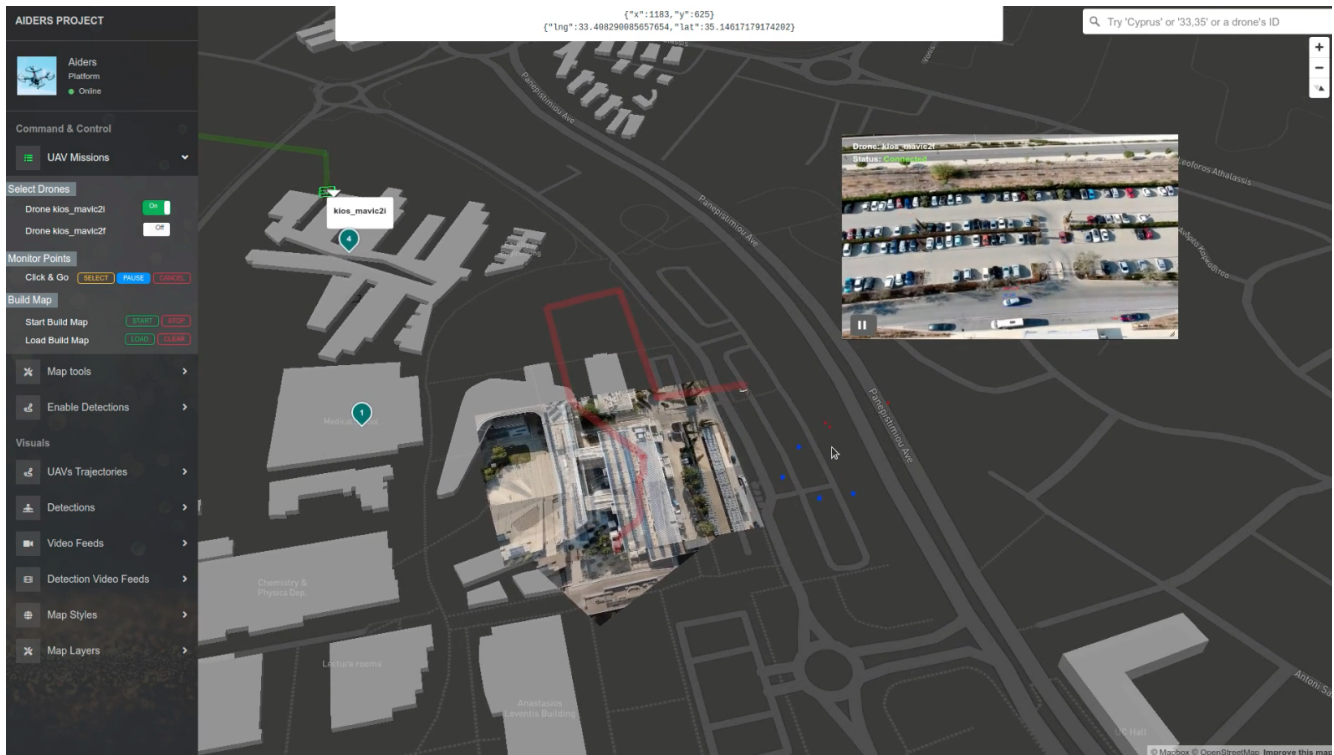


Figure 1: Live UAV video stream widget, map projection, and UAV trajectory visualization.

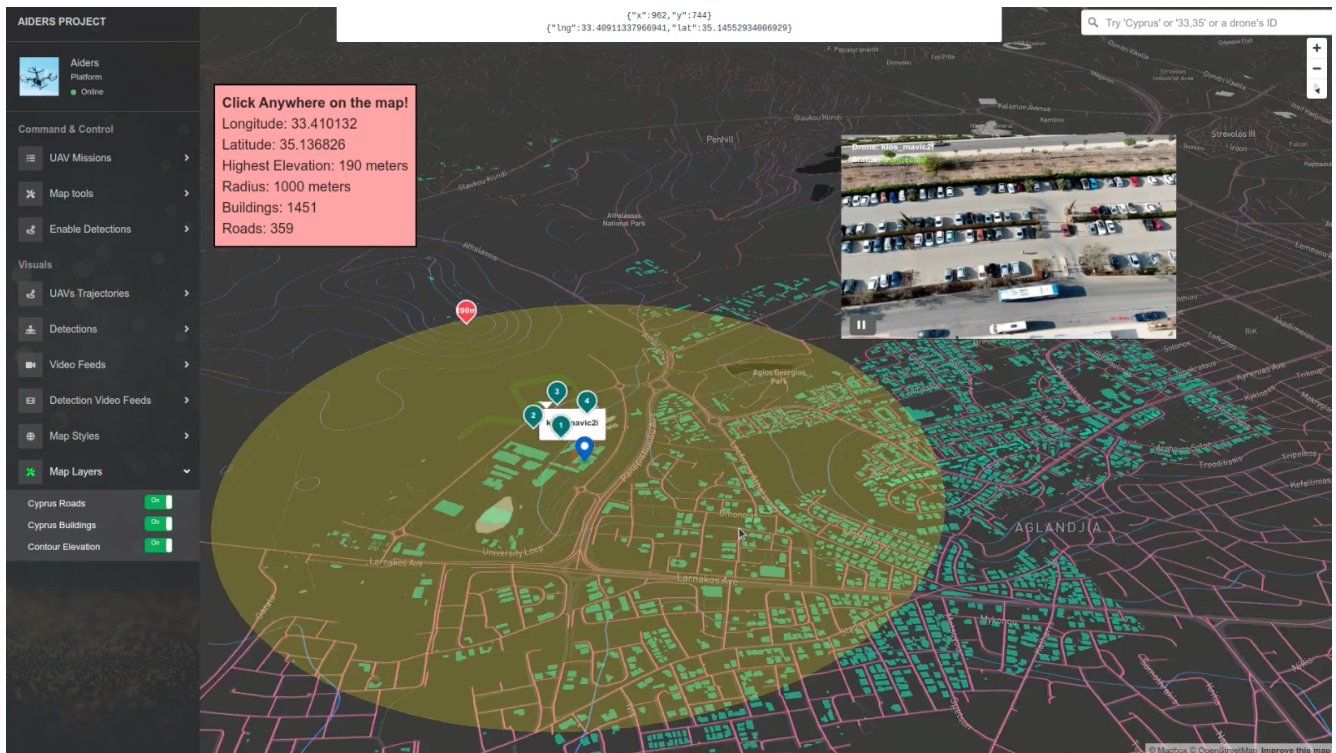


Figure 2: Incident area inspection.

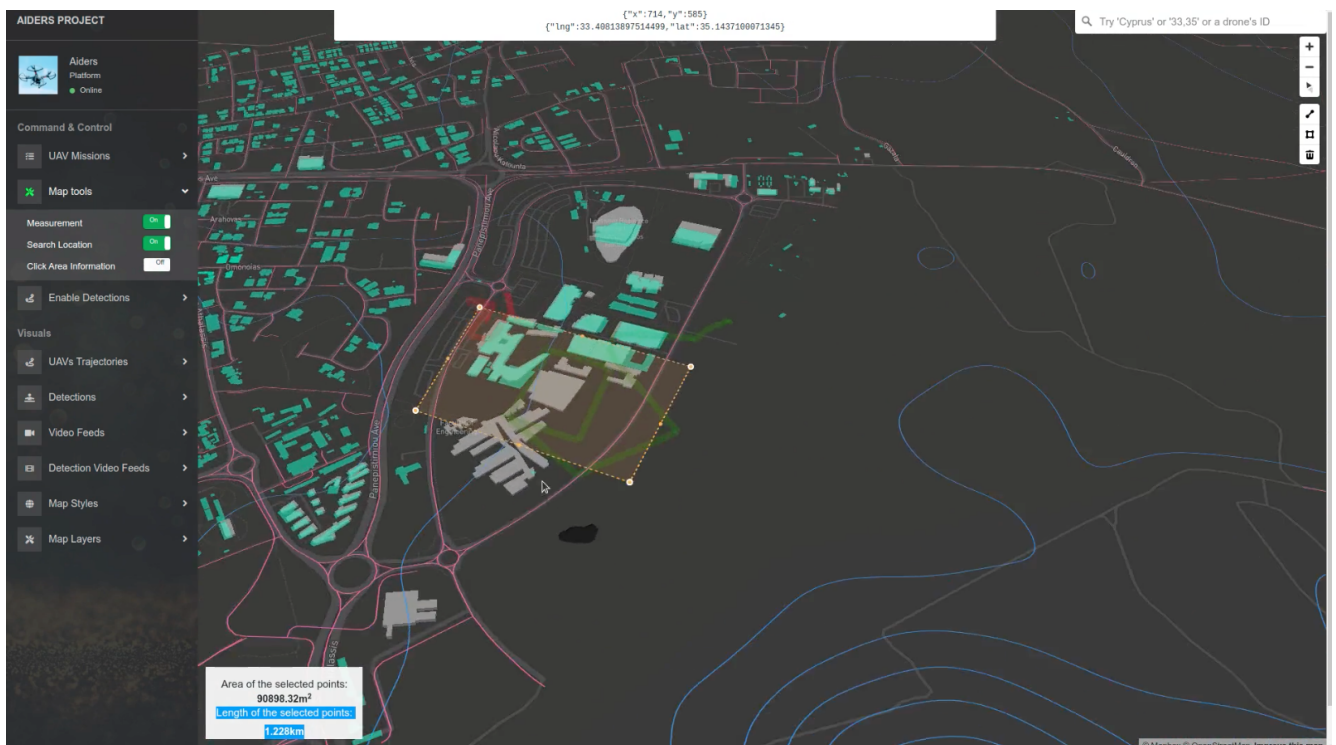


Figure 3: Incident area search and measurement.