



CONSORCIO  
**IUYET**



# MOBILE MAPPING PEGASUS: STREAM GPR

Mobile equipment for reality capture, i.e. capturing data while moving along a trajectory.

It is a multi-sensor platform that can be combined with digital cameras for cadastral surveys, thermal cameras, a rear camera for pavement inspection, contamination sensors, a terrestrial laser scanner for 3D environment capture and a ground penetrating radar.



## SERVICES

- 360° photography of the environment.
- Detection of pavement anomalies (cracks, potholes, holes, etc.).
- Cadastral surveys.
- As-built capture of the environment with colour-coded point cloud for interference detection, measurements, monitoring, maintenance and inventory.
- Underground infrastructure detection (drainage, communication facilities, cavities, buried objects, etc.).
- Detection of energy loss or overheating in buildings or infrastructure for prevention and maintenance.
- Can be used on roads or railways.

## BENEFITS

- Less time spent on site.
- Accurate environment capture.
- High-precision reality capture of track conditions.
- of track conditions.
- Input for BIM.

## SPEED

The equipment captures data on a vehicle at an average speed of 40 km/hr.