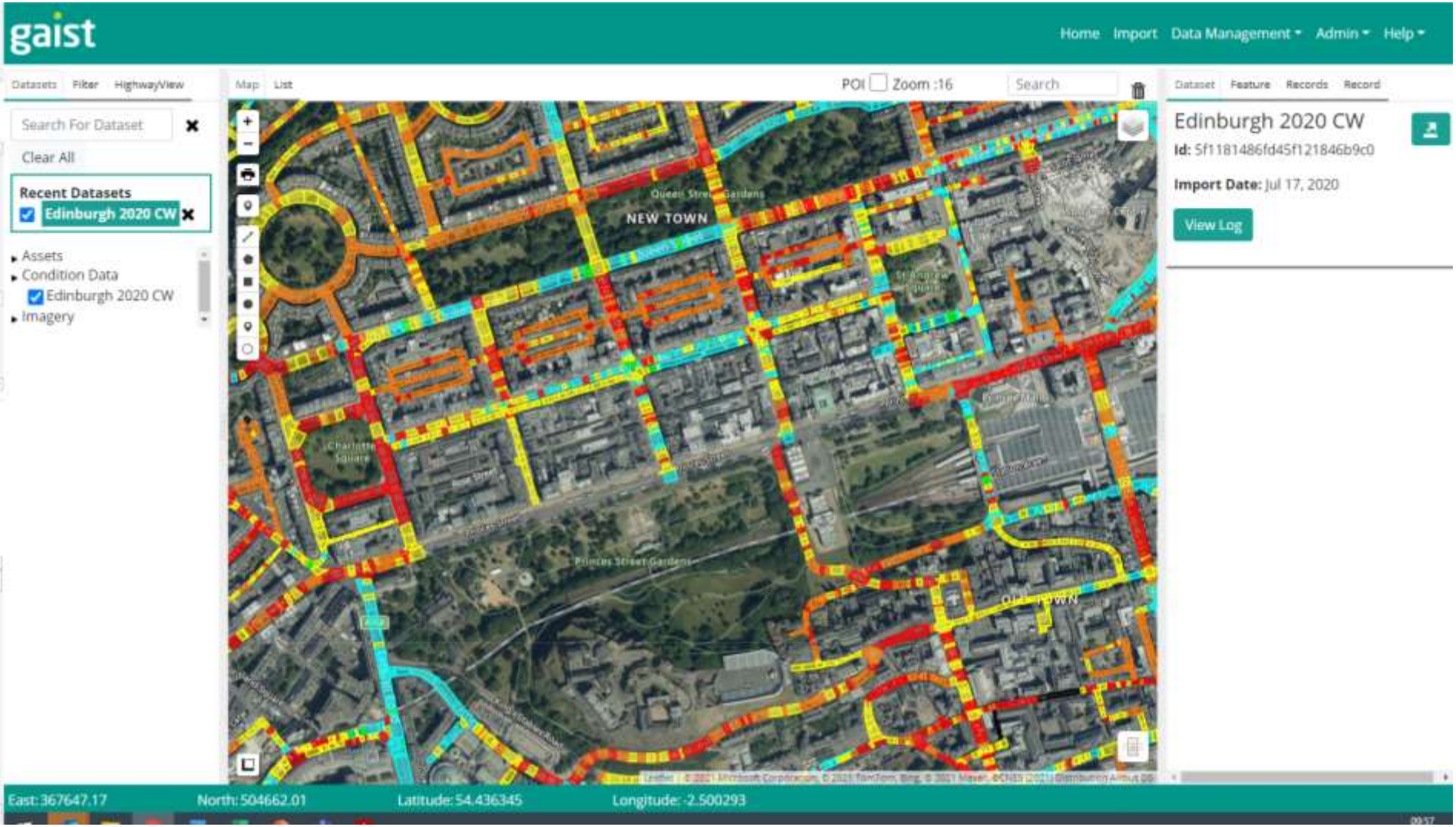
Data and Asset Management

August 2021

Roads Data in Edinburgh

- Detailed Visual Inspection (DVI) – Gaist
- Scottish Road Maintenance Condition Survey (SRMCS) – WDM Ltd
- Road Condition Index (RCI)
- Defect Repairs
- Accident Claims
- Safety Inspections
- Inspector Condition Assessments

Gaist DVI



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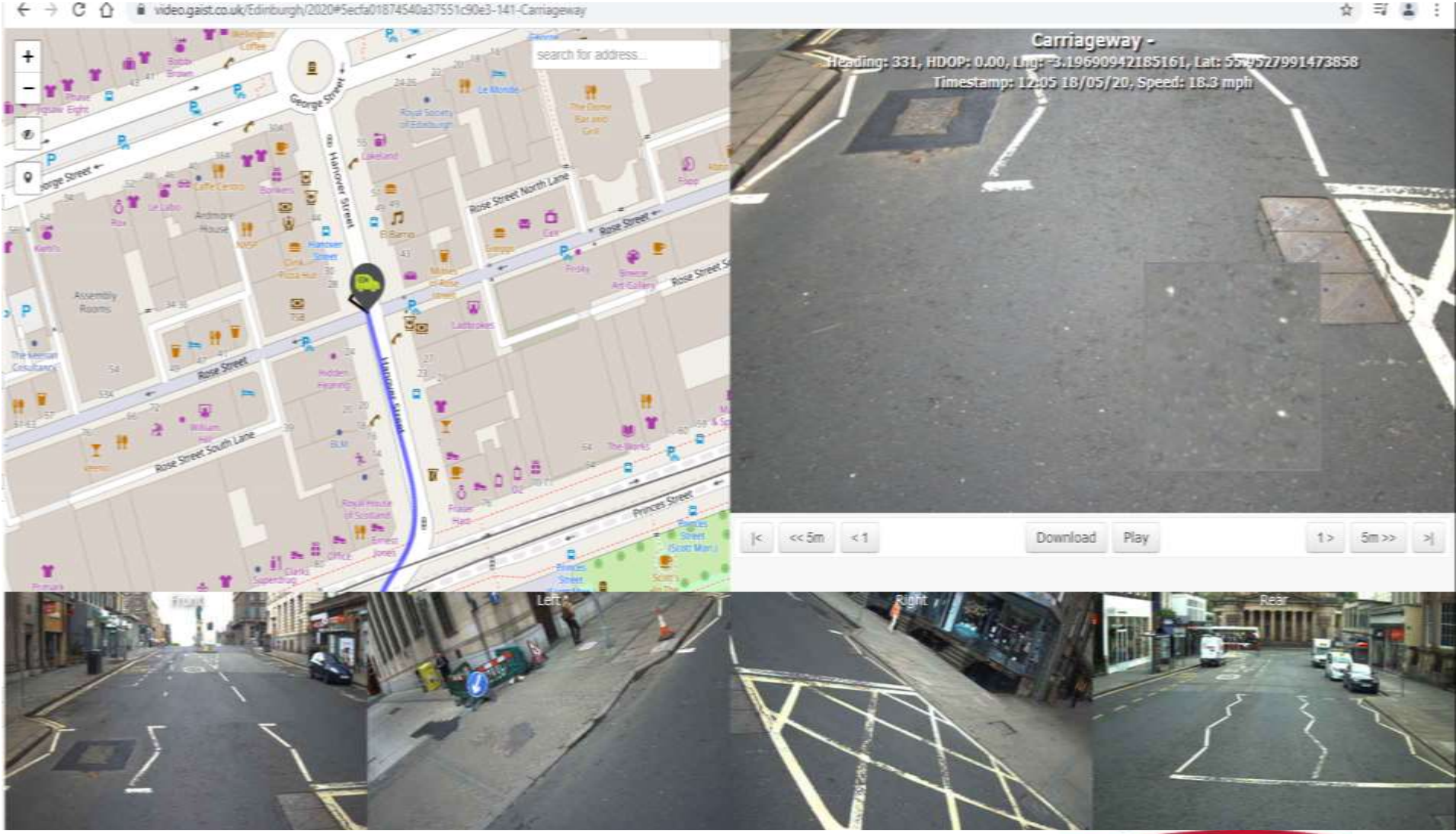
Imagery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Hanover Street
Rose Street North Lane
Rose Street
Rose Street South Lane
Princes Street
Carriageway -
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Data Issues/Barriers

- A lot of Data in different places and platforms.
- Bringing all the data together.
- Data visualisation.
- Important to have staff buy-in.
- User friendly.
- Draw in relevant data.

Edinburgh & Confirm

- Carriageways & Footways, Structures, Street Lighting, Parks & Greenspace, Waste.
- Safety Inspections & Defect Repairs.
- Capital Investment – Next step

- Spectrum Spatial Analysis (SSA)

Using Data Effectively

- Data brought together from numerous sources.
- Better inform investment strategies and roads asset management policies:
  - Capital investment ⟷ Revenue Investment
- Better capital renewal scheme decision making (analysis of SRMCS and DVI).
- Data visualisation is very user friendly.
- Data verification.

Other Data Sources

- Edinburgh World Heritage Site
- Conservation Areas

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Other Data Sources

- Developer Contributions (S75)
- Other local authority investment priorities:
  - Active Travel
  - Road Safety
  - Placemaking
- Local Development Plans

Summary

- Always have a strategy for using data.
- Use multiple data sources to build up effective investment strategies.
- Accurate data will lead to effective cost savings.
- Have confidence in data.