Road Weather Information System Reference Data

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Road Weather Information System (RWIS)
Fixed sites versus connected vehicles?

- Expenditure - ROI
- Data type/quality
- Fit for purpose
Standalone advisory systems

- How quickly will all vehicles be suitably equipped?
- What data do we need?
- What about locations with little or no traffic?
- or relevant data i.e. constant speed?
Winter Performance Measures

- Based on objective and repeatable RWIS information
- High quality reliable data targeted at operational needs
Big (bigger) Data

- Synoptic
  - Satellite
  - Radio Sonde
  - Radar
- Quality
- Archive
  - Climate
  - Operations

- UK Met Office Synoptic Network and their Weather Observations Website where any member of the public can enter an observation.
Summary

Fixed Quality ESS is a critical piece of the overall system required for:

- Big Data Reference
- Standalone systems
- Performance Indicators
- Operational decisions