



APSE Highways Resilience Forum

Wigan's Winter Maintenance Service

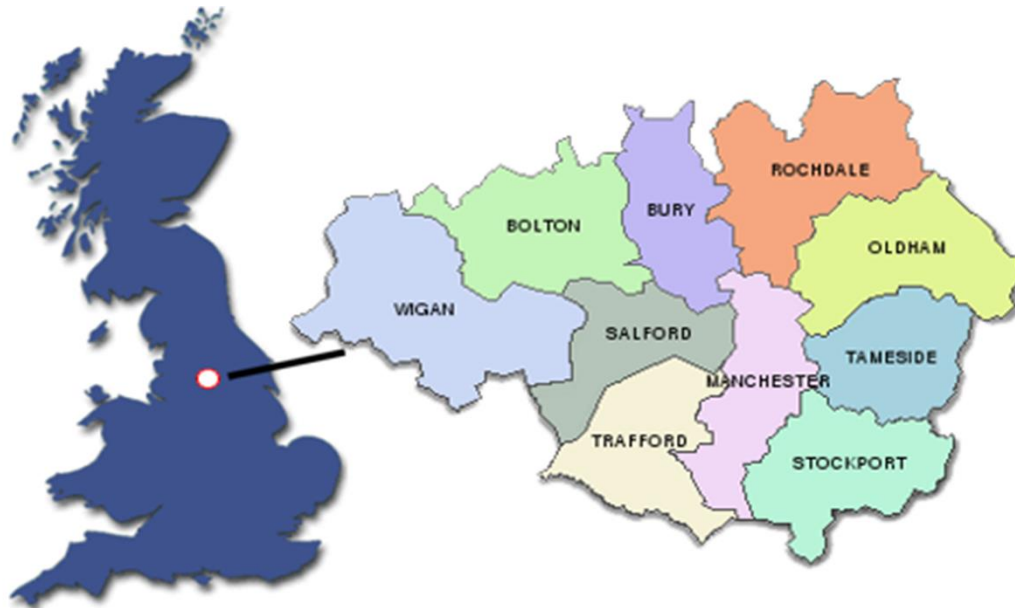
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Wigan Council



Wigan[♥]
Council



- 1 of 10 Local Authorities that make up GMCA
- Good working relationships with Lancashire and other Northwest Authorities
- One of the largest networks in GM
- Over 330,000 Residents
- Over 1,200 KM Adopted Highway



Wigan's Winter Maintenance



- Team of 24 on 2 shifts
- Salt Barn – Holds 3,500 tonnes of salt
- 500 Grit Bins
- Treat 41.5% of our road network
- Mobilisation within 1 hour
- Treated 41 times last season
- Used just under 1,500t of salt



Service Rationalisation



Fresh Look Review



Invested in Salt Barn



Coated Salt



Environmental Impact



Procured new fleet



Service and Staff review

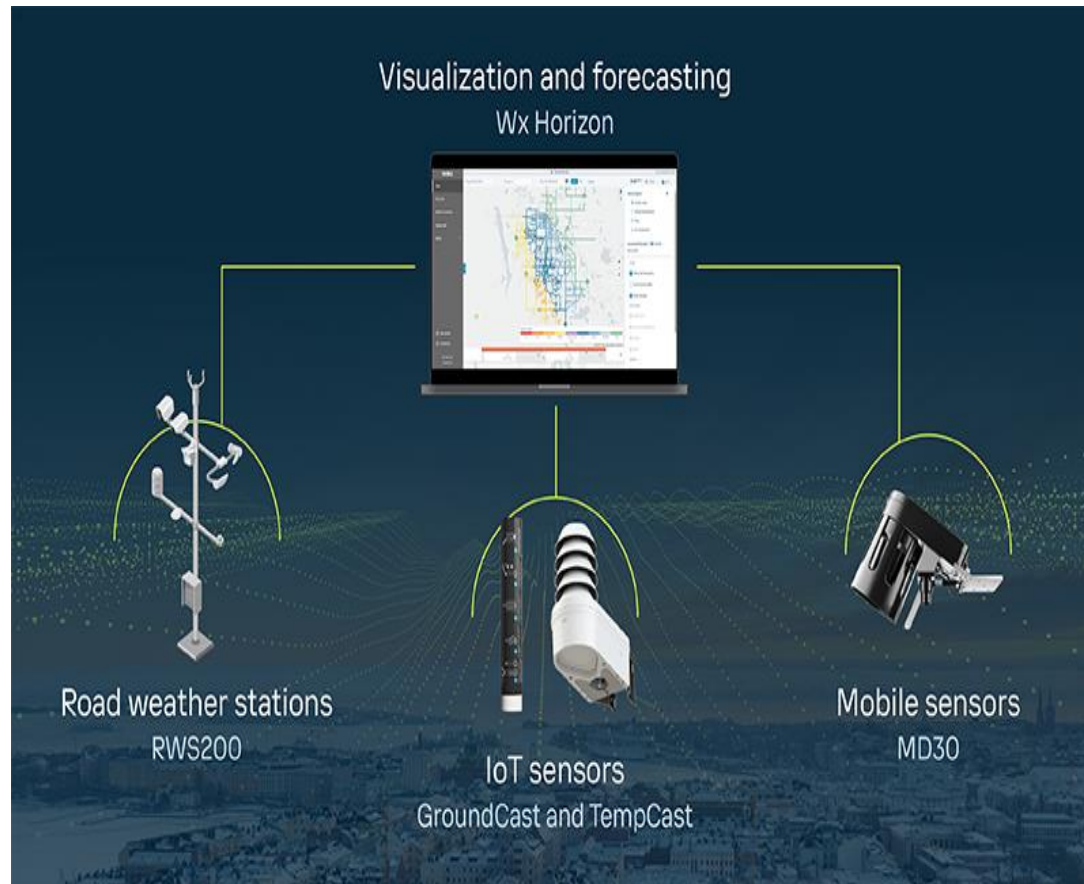


Data to re-design service delivery





Technology led treatments



- Route Optimisation – Webaspx
- Winter Sensors – 3 years of data
- 27 Sensors across the borough
- Explore Route Based Forecasting
- Can number of routes be reduced
- Spread rate reduced
- Lessen the Environmental Impact



Future Investment and Challenges



- Change in Climate
- Costs of the Service
- Robust Winter Service Policies
- Civil Contingencies
- Review of Resilient Network
- Always looking to invest and innovate
- Working Closely with partners and vendors



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**Thank you for your
time**

Any Questions ???